

GREAT WOLF LODGE

LUMINAIRE SCHEDULE

LUMINAIRE DATA SHEETS


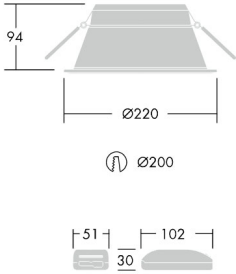
Luminaire Schedule Notes.

- Luminaire reference starting with a 'B' are located within Back of House areas.
- Luminaire reference starting with a 'F' are located within Front of House areas.
- All Front of house luminaires **highlighted in yellow**, to be supplied by client for contractor to install.
- All 'experience' lighting provided by BRC. Contractor to provide date and power allowance for BRC luminaires as detailed within Hoare Lea lighting package.

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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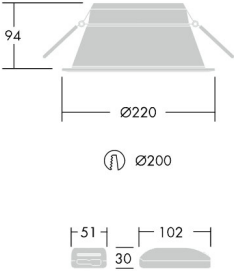
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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Reference	Item	Details	Illustration
B-A1	<p>Manufacturer: Contact: Product Name: Product Description: Finish:</p> <p>Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>THORN Tony Smith – 07971 382747 Chalice</p> <p>Aluminium body painted white complete with satinbrite reflector Circulation, WC and breakout spaces. Recessed IP54 (IP20 from above) 13.2W LED 4000 80 Integral Electronic 13.2W @ 0.95pf NA Where specified on drawings or specifications 109lm/W No NA NA NA 220DIA x 94mm deep</p>	 

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Reference	Item	Details	Illustration
B-A2	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>THORN Tony Smith – 07971 382747 Chalice Aluminium body painted white complete with satinbrite reflector Circulation, WC and breakout spaces. Recessed IP54 (IP20 from above) 17.2W LED 4000 80 Integral Electronic 17.2W @ 0.95pf NA Where specified on drawings or specifications 122lm/W No NA NA NA 220DIA x 94mm deep</p>	 

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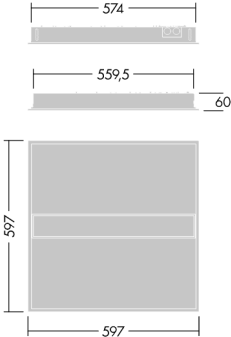
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Reference	Item	Details	Illustration
<p>B-A3 B-A3/E</p>	<p>Manufacturer: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Emergency Facility:</p>	<p>THORN Novaline Spun Aluminium BoH Stairs Surface IP65 16W LED Yes where specified on the drawings or specifications 3HR where required 455 x 105mm</p>	

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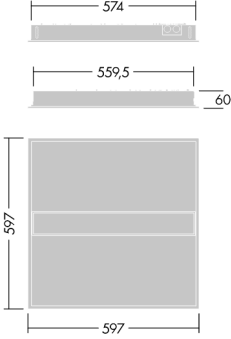
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B-B1	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>THORN Tony Smith – 07971 382747 IQ Beam Steel body painted white complete with microprism diffuser Office spaces and similar environments. Recessed IP20 24.7W LED 4000 80 Integral Electronic 24.7W @ 0.95pf NA Where specified on drawings or specifications 121lm/W No NA NA NA 597 x 597 x 60mm deep</p>	 

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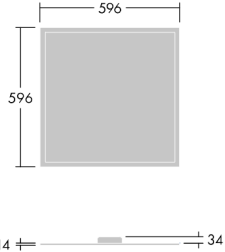
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Reference	Item	Details	Illustration
B-B2	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>THORN Tony Smith – 07971 382747 IQ Beam Steel body painted white complete with microprism diffuser Office spaces and similar environments. Recessed IP20 30.3W LED 4000 80 Integral Electronic 30.3W @ 0.95pf NA Where specified on drawings or specifications 125lm/W No NA NA NA 597 x 597 x 60mm deep</p>	 

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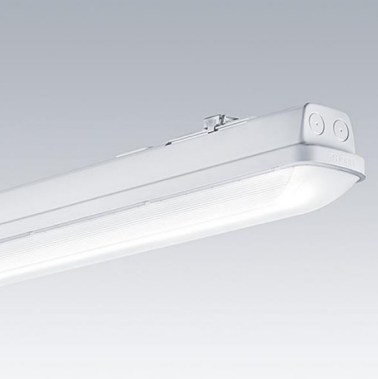
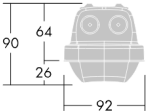
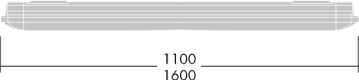
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Reference	Item	Details	Illustration
B-B3	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>THORN Tony Smith – 07971 382747 Beta 2 Steel body painted white complete with opal diffuser Kitchen Recessed IP65 33W LED 4000 80 Integral Electronic 33W @ 0.95pf NA Where specified on drawings or specifications 115lm/W No NA NA NA 597 x 597 x 34mm deep</p>	 

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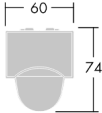
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Reference	Item	Details	Illustration
B-C2	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>THORN Tony Smith – 07971 382747 AquaForce Pro Light grey polycarbonate body complete with refraction prism optic Back of house spaces where a greater IP rating is required. Surface/Suspended IP66 32.6W LED 4000 80 Integral Electronic 32.6W @ 0.95pf NA No 139lm/W Yes where specified on the drawings or specifications 3HR where required NA NA 1100/1600 x 92 x 90mm deep</p>	  

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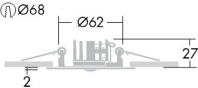
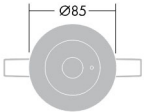
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Reference	Item	Details	Illustration
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Reference	Item	Details	Illustration
B-E1	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>THORN Tony Smith – 07971 382747 Voyager Star Aluminium body painted white. General emergency luminaire. Recessed IP20 3.7W LED 4000 80 Integral Electronic 3.7W @ 0.95pf NA No 54lm/W Yes 3HR NA NA 85mm DIA x 27mm deep</p>	   

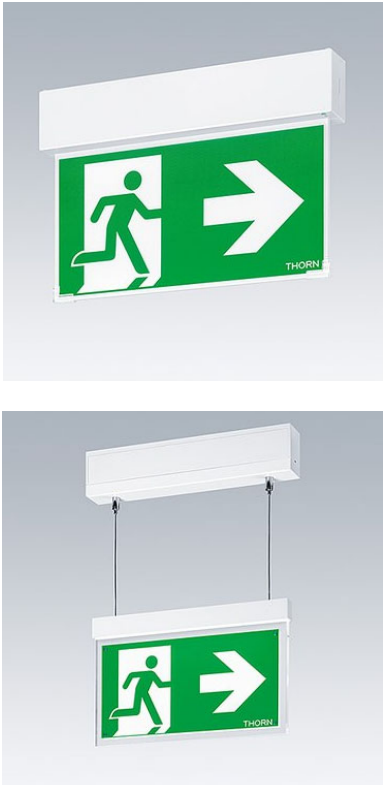
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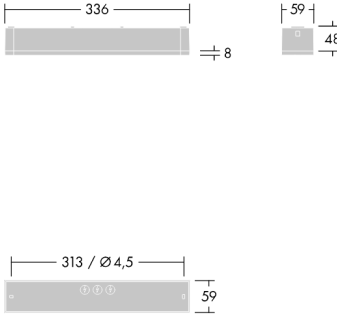
LUMINAIRE DATA SHEETS

EXIT	<p>Manufacturer: THORN</p> <p>Contact: Tony Smith – 07971 382747</p> <p>Product Name: Voyager Range</p> <p>Product Description:</p> <p>Finish: Polycarbonate white.</p> <p>Location: Final exits and escape routes.</p> <p>Mounting Type: Surface/Suspended</p> <p>IP Rating: N/A</p> <p>Lamp Wattage (W): NA</p> <p>Lamp Type: LED</p> <p>Colour Temperature (K): NA</p> <p>Colour Rendering Index: 80</p> <p>Control Gear Type: Integral Electronic</p> <p>Total Power (W): NA</p> <p>In-rush current (A, μs): NA</p> <p>Dimmable: No</p> <p>Performance: NA</p> <p>Emergency Facility: Yes</p> <p>Emergency Duration: 3HR</p> <p>Integral Emergency Ballast: NA</p> <p>Emergency LOR (%): NA</p> <p>Dimensions (mm): L x W x D</p> <p>Notes:</p>	<p>Dependant on product used.</p>	
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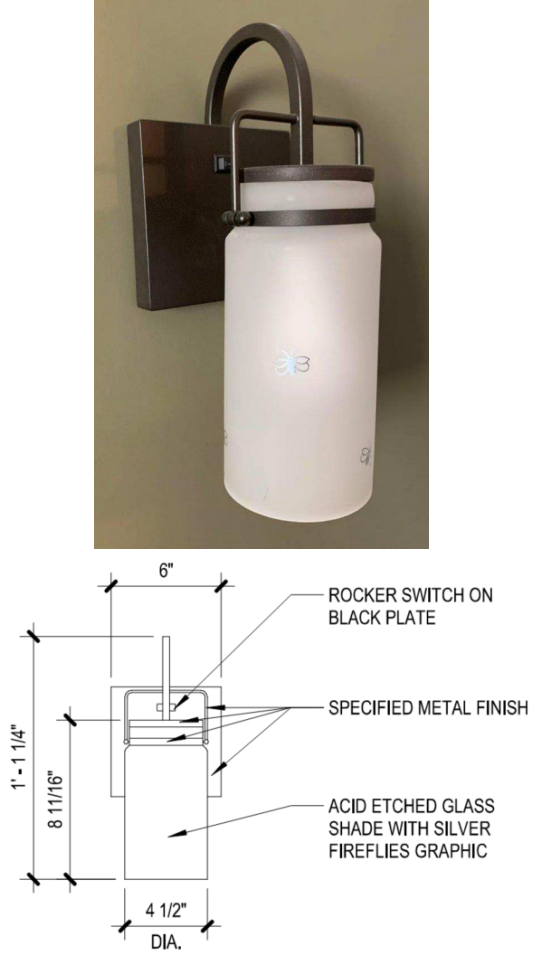
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<p>B-E2</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>THORN Tony Smith – 07971 382747 Voyager One Polycarbonate white. General emergency luminaire. Surface IP65 4.3W LED NA 80 Integral Electronic 4.3W @ 0.95pf NA No 81lm/W Yes 3HR NA NA 336mm x 59 x 46mm deep</p>	 
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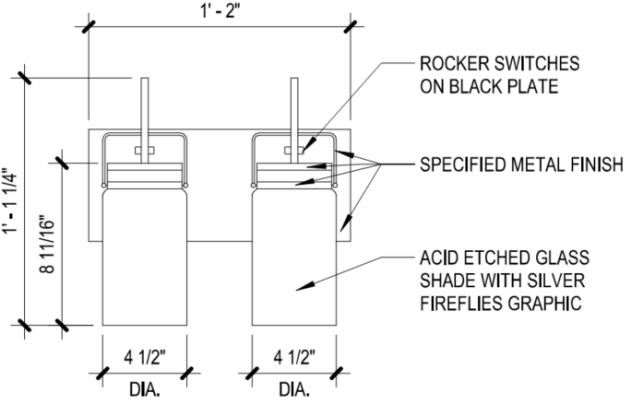
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Reference	Item	Details	Illustration
<p>F-A1</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Viso Lighting [Interior Designer Specified] Bedside Sconce with Fireflies Bronze Guest rooms Surface, wall mounted 20W – Manufacturer to confirm LED 2700K 20W – Manufacturer to confirm Switched No NA NA NA Manufacturer to confirm Stantec Interior Designer Specification Ref: GRM-603A</p>	<p style="text-align: center;">Illustration</p>  <p>The illustration shows a photograph of the bedside sconce and a technical drawing. The photograph shows a cylindrical, frosted glass shade with a silver fireflies graphic, mounted on a black plate with a rocker switch. The technical drawing provides the following dimensions and labels:</p> <ul style="list-style-type: none"> 6" (width of the mounting plate) 1" - 1 1/4" (height of the mounting plate) 8 11/16" (height of the glass shade) 4 1/2" DIA. (diameter of the glass shade) ROCKER SWITCH ON BLACK PLATE SPECIFIED METAL FINISH ACID ETCHED GLASS SHADE WITH SILVER FIREFLIES GRAPHIC


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Reference	Item	Details	Illustration
F-A2	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Viso Lighting [Interior Designer Specified] Double Bedside Sconce with Fireflies Bronze Guest rooms Surface, wall mounted 2 x 20W – Manufacturer to confirm LED – 2 lamps per light 2700K 40W – Manufacturer to confirm Switched No NA NA NA NA Manufacturer to confirm Stantec Interior Designer Specification Ref: GRM-603B</p>	<p>Guest room Surface, w TBC TBC 2700K TBC NA Switched TBC No NA NA NA TBC Interi</p>  

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Reference	Item	Details	Illustration
F-A3	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	[Interior Designer Specified] Custom 3-Light Sconce Bronze Guest rooms Surface, wall mounted IP44 minimum 100W – Manufacturer to confirm LED – 3 lamps per light 2700K TBC Switched No NA NA NA NA Manufacturer to confirm Stantec Interior Designer Specification Ref: GRM-602A	 <p>T G S I T T 2.000 - - TBC NA Switched TBC No NA NA NA TBC Interior Designer Specification [ENTER ID REF]</p>

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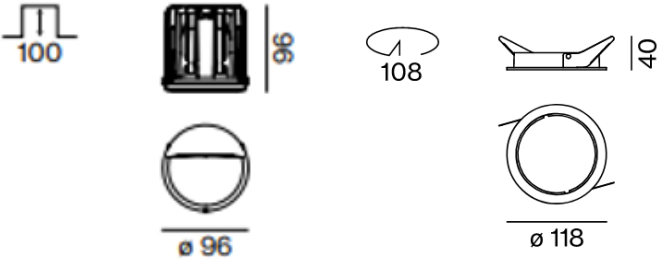
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Reference	Item	Details	Illustration
F-A4	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	[Interior Designer Specified] Custom 4-Light Sconce Bronze Guest rooms Surface, wall mounted IP44 minimum 100W – Manufacturer to confirm LED – 4 lamps per light 2700K TBC Switched No NA NA NA Manufacturer to confirm Stantec Interior Designer Specification Ref: GRM-602C	

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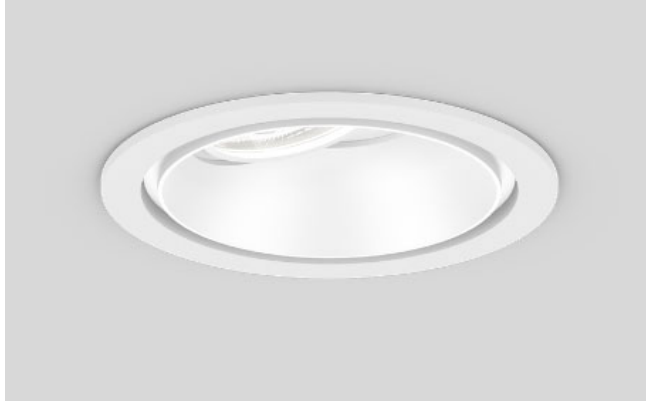
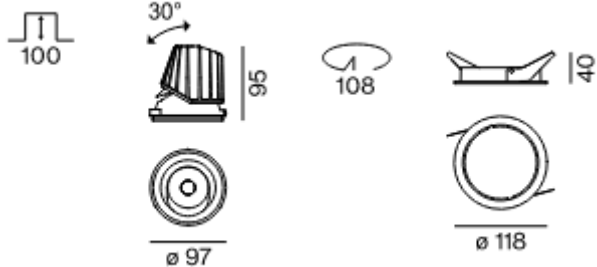
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Reference	Item	Details	Illustration
F-AD3	<p>Manufacturer: XAL Contact: Ben Poulton - 07983875086 Product Name: Sasso 100 Product Description: Round downlight with trim Finish: Silver Inset/White Housing Location: Various Mounting Type: Recessed IP Rating: IP20 Lamp Wattage (W): 29.4W Lamp Type: LED Colour Temperature (K): 2700K Colour Rendering Index: 90 Optic/Beam Angle: Wallwasher Control Gear Type: Remote electronic Total Power (W): 29.4W @ 0.95pf In-rush current (A, μs): NA Dimmable: DALI Performance: 72lm/W Emergency Facility: No Emergency Duration: NA Integral Emergency Ballast: NA Emergency LOR (%): NA Dimensions (mm): \varnothing118 x H100 Notes:</p>	<p>XAL Ben Poulton - 07983875086 Sasso 100 Round downlight with trim Silver Inset/White Housing Various Recessed IP20 29.4W LED 2700K 90 Wallwasher Remote electronic 29.4W @ 0.95pf NA DALI 72lm/W No NA NA NA \varnothing118 x H100</p>	 

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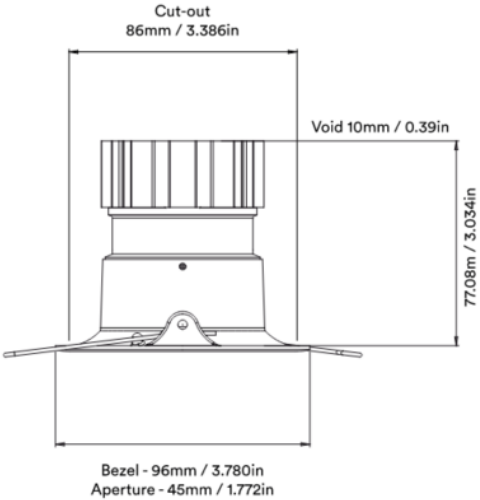
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Reference	Item	Details	Illustration
F-AD4	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>XAL Ben Poulton - 07983875086 Sasso 100 Round adjustable downlight with trim Silver Inset/White Housing Various Recessed IP20 29.4W LED 2700K 90 33° Remote electronic 29.4W @ 0.95pf NA DALI 67lm/W No NA NA NA Ø118 x H100</p>	 

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.


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**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-B1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): Notes:	Orluna Paul Fenton – 07496 497472 Curve Round High Output White bezel Guest rooms Ceiling recessed IP54 11.3W, 300mA LED 2700K 85 55° Flood Remote 11.3W NA Non-Dimmable 105lm/W No NA NA NA Ø96 x H77.08	 

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**


Reference	Item	Details	Illustration
F-C1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	[Interior Designer Specified] Custom flush mounted light Bronze Guest rooms Surface mounted 6W LED 2700K 6W Switched No NA NA NA Ø381 x H70 Stantec Interior Designer Specification Ref: GRM-601	 <p style="text-align: center;">PROTOTYPE IMAGE</p>

INTER ID REF

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.


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Reference	Item	Details	Illustration
<p>F-C2</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Viso Lighting [Interior Designer Specified] Custom flush mounted Moon light Guest rooms Surface mounted 40W – 60W LED 2700K 40W-60W Switched No NA NA NA Ø381 x H70 Stantec Interior Designer Specification Ref: GRM-605</p>	 <p>NA TBC Interior Designer Specification [ENTER ID REF]</p>

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

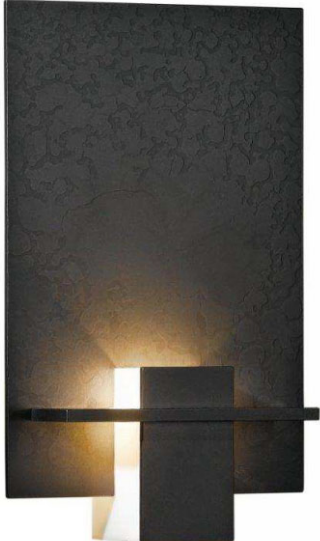
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-CAB-600	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : Notes :	Kichler Lighting [Interior Designer Specified] Sola LED Fan Fan with integrated lighting Bronze Water Park Surface 10W-68W LED 3000K 10W(low)/68W(high) Switched Locally. Ø1118 x H280 Stantec Interior Designer Specification Ref: CAB-600	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration
<p>F-CON-600</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :</p>	<p>Hubbardton Forge contact@vtforge.com Aperture Wall Sconce at Prefuction Blackened Steel Banquet Rooms Suspended 40W LED G9 2700K 90 Phase Dimmable 8.1" W x 12.9" H x 3.2" D Stantec Interior Designer Specification Ref: CON-600</p>	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration
F-CON-602	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :</p>	<p>[Interior Designer Specified]</p> <p>Custom Chandelier Pendant Blackened Steel Banquet Rooms Suspended</p> <p>15W max per unit LED Filament Lamps 2700K</p> <p>Phase Dimmable</p> <p>As per manufacturer Stantec Interior Designer Specification Ref: CON-602</p>	 <p>LED FILAMENT BULBS</p> <p>METAL RING WITH BULLET LIGHTS ON OUTSIDE OF RING, AND INTEGRATED DOWNLIGHTING AND UPLIGHTING WITH DIFFUSER</p> <p>6' - 0" DIA.</p> <p>3' - 0"</p> <p>FIXTURE TO BE FABRICATED AT MINIMUM MANUFACTURER RECOMMENDED HEIGHT TO MAXIMIZE OPEN SPACE BELOW.</p>

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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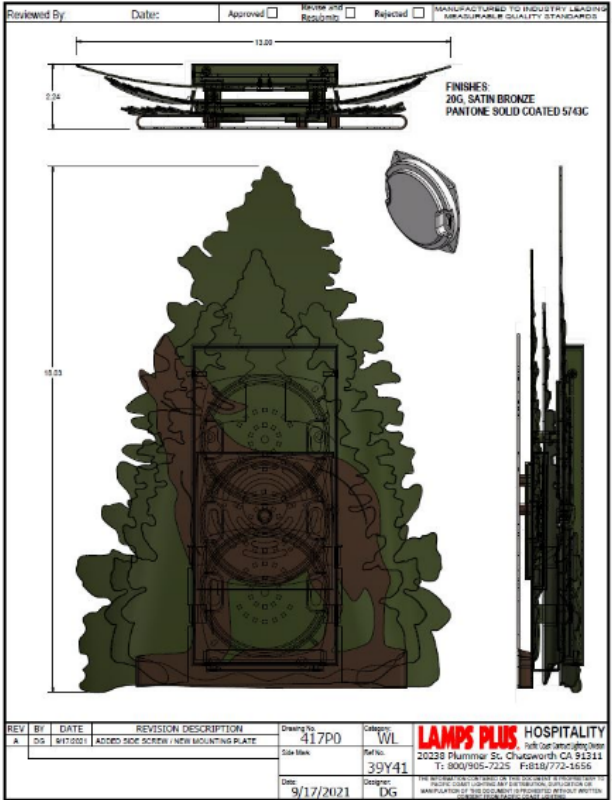
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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Reference	Item	Details	Illustration
F-CON-604	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :	Restoration Hardware[Interior Designer Specified] Camino Vintage Candelabra Round Chandelier Prefunction Area Suspended 18 x 2.5W max LED 2700K 45W Phase Dimmable Ø972 x H978 Stantec Interior Designer Specification Ref: CON-604	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration																																				
F-COR-600	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :</p>	<p>Lamps Plus [Interior Designer Specified]</p> <p>Custom Animal Wall Sconce Bear, Moose, Deer, Wolf Wall light Satin Bronze Corridor Wall</p> <p>LED - 3 x 10 lamps per light 2700K 80 minimum 30W Phase dimmable</p> <p>Stantec Interior Designer Specification Ref: COR-600AL / COR-600AR / COR-600BL / COR-600BR / COR-600CL / COR-600CR / COR-600DL / COR-600DR</p>	<p>Illustration</p>  <p>Reviewed By: _____ Date: _____ Approved <input type="checkbox"/> Rejected <input type="checkbox"/> Rejected <input type="checkbox"/> MANUFACTURED TO INDUSTRY LEADING MEASURABLE QUALITY STANDARDS</p> <p>FINISHES: 20G SATIN BRONZE PANTONE SOLID COATED 5740C</p> <table border="1"> <thead> <tr> <th>REV</th> <th>BY</th> <th>DATE</th> <th>REVISION DESCRIPTION</th> <th>Drawing No</th> <th>Category</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>DS</td> <td>9/17/2021</td> <td>ADDED SIDE SCREW / NEW MOUNTING PLATE</td> <td>417P0</td> <td>WL</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Site Mark</td> <td>Ref No</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>39Y41</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Date</td> <td>Designer</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>9/17/2021</td> <td>DG</td> </tr> </tbody> </table> <p>LAMPS PLUS HOSPITALITY 20225 Plummer St. Chagworth, CA 94514 Tel: 800/905-7225 Fax: 916/772-1556 THE DESIGN IS UNLESS AN OTHERWISE SPECIFIED DESIGN OF THE MANUFACTURER OF THE PRODUCT IS USED UNLESS OTHERWISE SPECIFIED</p> <p>SHOP DRAWING IMAGE</p>	REV	BY	DATE	REVISION DESCRIPTION	Drawing No	Category	A	DS	9/17/2021	ADDED SIDE SCREW / NEW MOUNTING PLATE	417P0	WL					Site Mark	Ref No						39Y41					Date	Designer					9/17/2021	DG
REV	BY	DATE	REVISION DESCRIPTION	Drawing No	Category																																		
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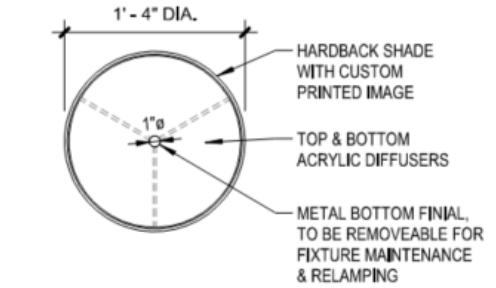
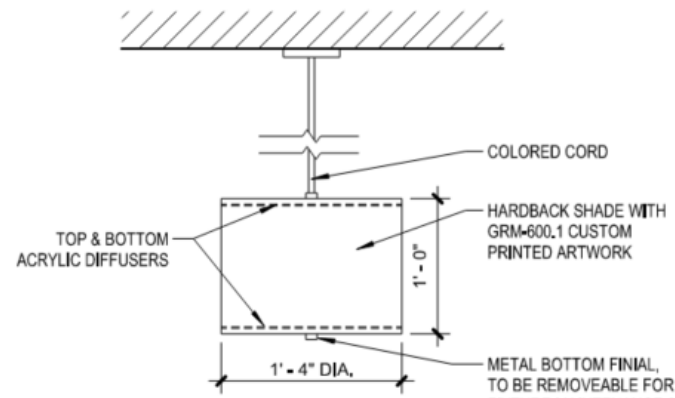
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-CNF-600	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :</p>	<p>[Interior Designer Specified]</p> <p>Custom Decorative Rod Pendant</p> <p>Black Confectionary Pendant</p> <p>LED E26 2700K</p> <p>Phase dimmable</p> <p>\varnothing458 x H458 Stantec Interior Designer Specification Ref: CNF-600</p>	 <p>IMAGE FOR INSPIRATION ONLY</p>

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.


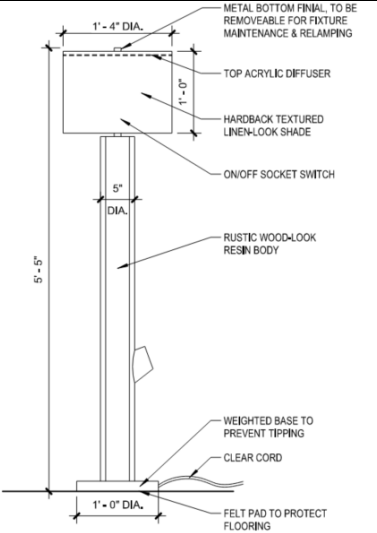
Revision: P03	Date: 03/10/2022	Prepared by: GPR	Reviewed by: AK
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Reference	Item	Details	Illustration
F-D1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): Notes:	[Interior Designer Specified] Custom Drum Pendant Bronze Guest rooms Suspended 100W – Manufacturer to confirm LED – 2 lamps per light 2700K 100W – Manufacturer to confirm Switched No NA NA NA NA NA Ø406 x H305 Stantec Interior Designer Specification Ref: GRM-600	<div style="text-align: center;">  <p>PLAN</p> </div> <hr/> <div style="text-align: center;">  <p>FRONT ELEVATION</p> </div>


Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
<p>F-D2</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Viso Lighting [Interior Designer Specified] Custom Floor Lamp Guest rooms Floor Lamp Min. 100W – Manufacturer to confirm LED 2700K Min. 100W – Manufacturer to confirm Switched No NA NA NA NA Ø406 x H1651 Stantec Interior Designer Specification Ref: GRM-604</p>	<p style="text-align: right;">Illustration</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p style="text-align: center; font-size: small;">PROTOTYPE IMAGE - FRONT</p> </div> <div style="width: 45%;">  <p style="font-size: x-small;"> METAL BOTTOM FINIAL, TO BE REMOVABLE FOR FIXTURE MAINTENANCE & RELAMPING TOP ACRYLIC DIFFUSER 1" - 4" DIA. 1" - 0" HARDBACK TEXTURED LINEN-LOOK SHADE ON/OFF SOCKET SWITCH 5" DIA. 5' - 5" RUSTIC WOOD-LOOK RESIN BODY WEIGHTED BASE TO PREVENT TIPPING CLEAR CORD 1' - 0" DIA. FELT PAD TO PROTECT FLOORING </p> </div> </div> <p style="font-size: x-small; margin-top: 10px;"> NA NA NA NA TBC Interior Designer Specification [ENTER ID REF] </p>

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.


**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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Reference	Item	Details	Illustration
F-DL-100	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	[Interior Designer Specified] Custom Lantern Sconce Pendant Matte Black Fireside Restaurant Wall mounted pendant Manufacturer to confirm 2700K Manufacturer to confirm Phase Dimmed No NA NA NA Manufacturer to confirm Flick Mars Interior Designer Specification Ref: DL-100	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration
F-DL-101	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	Bellacor [Interior Designer Specified] Gramercy Park Old English 5 Light Chandelier Bronze Fireside Restaurant Suspended 5 x 60W max 2700K 300W max Phase Dimmed No NA NA NA Ø660 x H616 Flick Mars Interior Designer Specification Ref: DL-101	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration
F-DL-103	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	[Interior Designer Specified] Custom Pendant Matte black Fireside Restaurant Suspended Manufacturer to confirm 2700K Manufacturer to confirm Phase dimmed No NA NA NA Manufacturer to confirm Flick Mars Interior Designer Specification Ref: DL-103	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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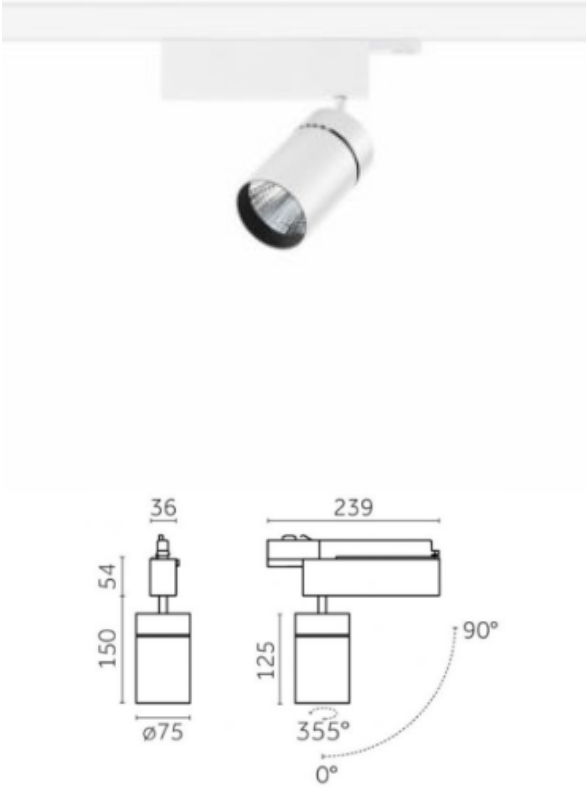
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-DL-104	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	[Interior Designer Specified] Festoon Lights Fireside Restaurant Suspended Manufacturer to confirm 2700K Manufacturer to confirm Phase dimmed No NA NA NA Manufacturer to confirm Flick Mars Interior Designer Specification Ref: DL-104	Image not available.

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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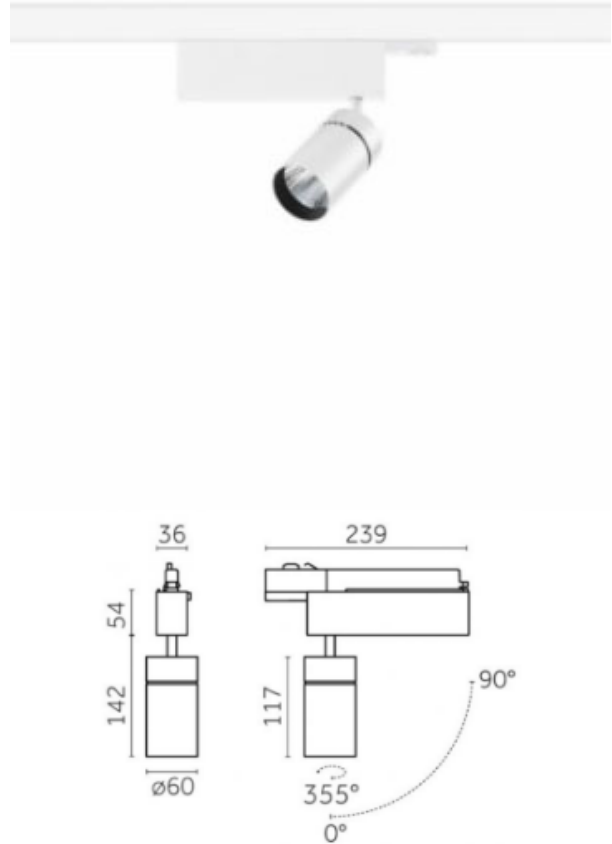
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-DT1	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : Notes :</p>	<p>Reggiani Caroline Smith – 07880793789 Yori Evo Box Performance Track mounted luminaire Embossed matt black Various Track IP20 24W LED 2700K 90 37° Integrated 24W @ 0.95pf NA DALI 116lm/W No NA NA NA Ø75 x H125</p>	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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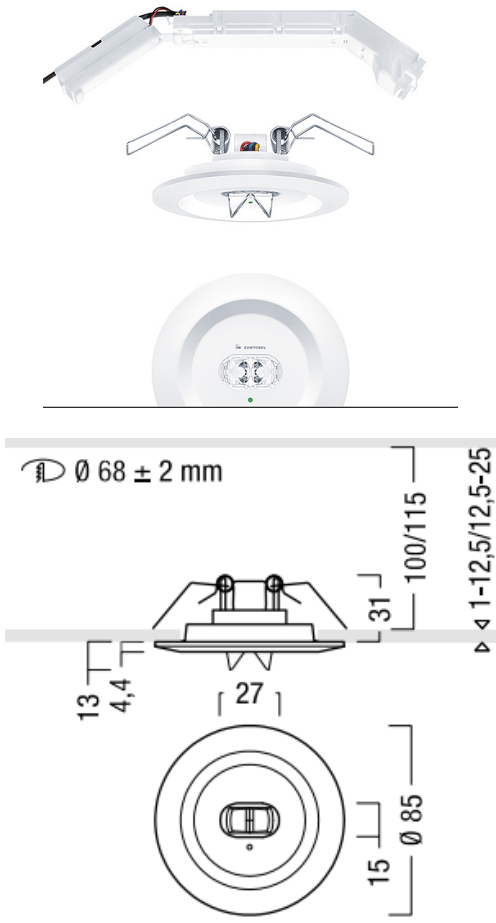
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-DT3	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : Notes :</p>	<p>Reggiani Caroline Smith – 07880793789 Yori Evo Box Performance Track mounted luminaire Embossed matt white Various Track IP20 17W LED 2700K 90 39° Integrated 17W @ 0.95pf NA DALI 122lm/W No NA NA NA Ø60 x H117</p>	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

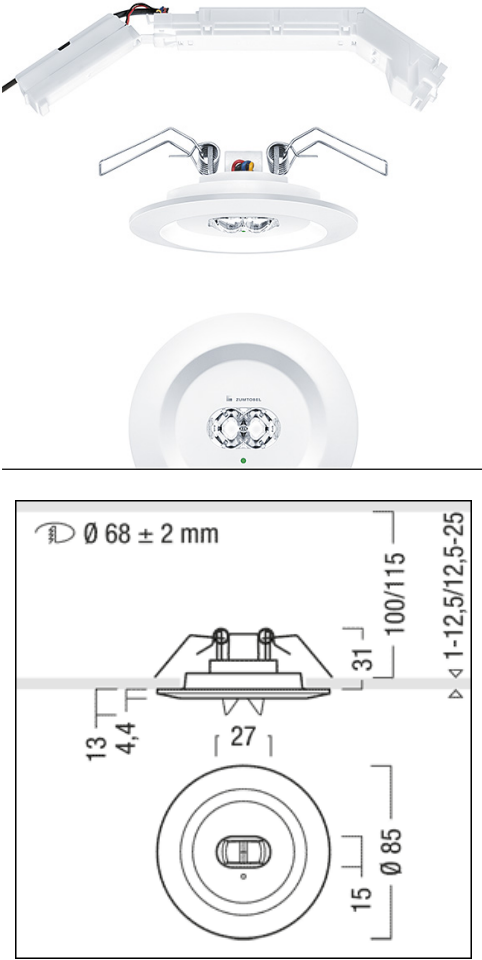
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**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-E1	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Zumtobel Tony Smith – 07971 382747 Resclite Pro MRCR ESC E3D Escape Emergency Light Standard Output To be confirmed – to match ceiling Various Recessed IP40 3.9 LED 6500K 70 CRI DALI 3.9 NA DALI 69 lm/W Yes 3 hour Remote Battery Pack (Local to luminaire) 69 lm/W 85mm diameter x 115mm depth</p>	

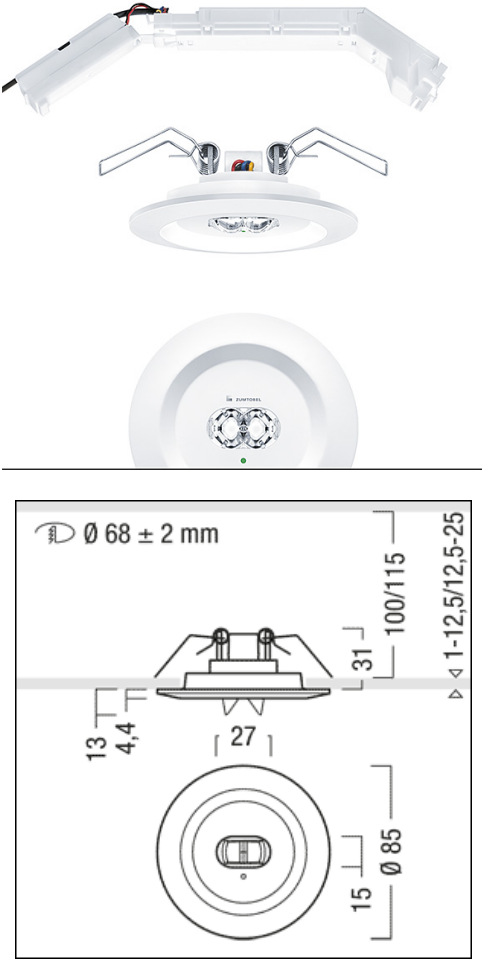
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-E2	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Zumtobel Tony Smith – 07971 382747 Resclite Pro MRCR ANT E3D Antipanic Emergency Light Standard Output To be confirmed – to match ceiling Various Recessed IP40 3.9 LED 6500K 70 CRI DALI 3.9 NA DALI 64 lm/W Yes 3 hour Remote Battery Pack (Local to luminaire) 69 lm/W 85mm diameter x 115mm depth</p>	<p>Illustration</p> 

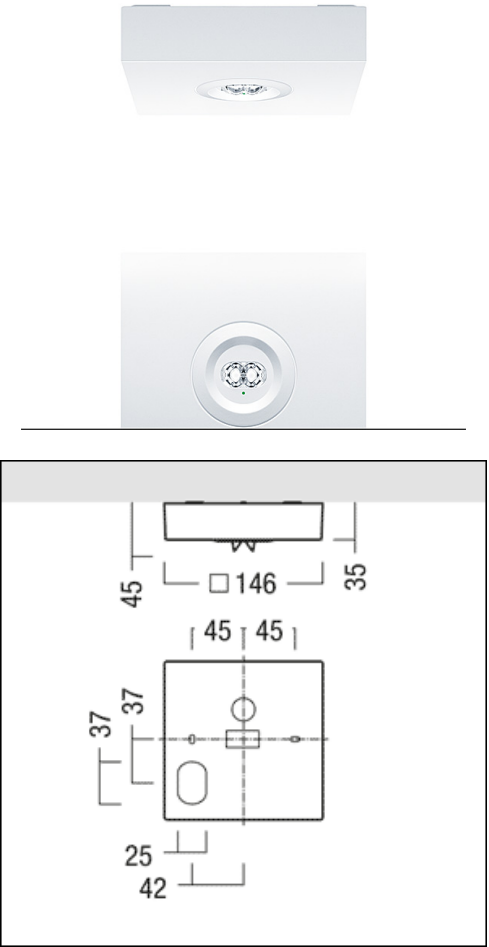
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-E3	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	Zumtobel Tony Smith – 07971 382747 Resclite Pro MRCR ANT HP E3D Antipanic Emergency Light High Output To be confirmed – to match ceiling Various Recessed IP40 7.2 LED 6500K 70 CRI DALI 7.2 NA DALI 60 lm/W Yes 3 hour Remote Battery Pack (Local to luminaire) 60 lm/W 85mm diameter x 115mm depth	 <p>The illustration shows the luminaire from three perspectives: an exploded view at the top, a top-down view in the middle, and a technical drawing at the bottom. The technical drawing includes the following dimensions: a diameter of $\varnothing 68 \pm 2$ mm for the main body, a depth of 100/115 mm, a mounting hole diameter of 27 mm, a mounting hole offset of 13 mm, a mounting hole diameter of 4.4 mm, a mounting hole offset of 15 mm, and a mounting hole diameter of 85 mm. A note indicates a hole diameter of $\varnothing 1-12,5/12,5-25$ mm.</p>

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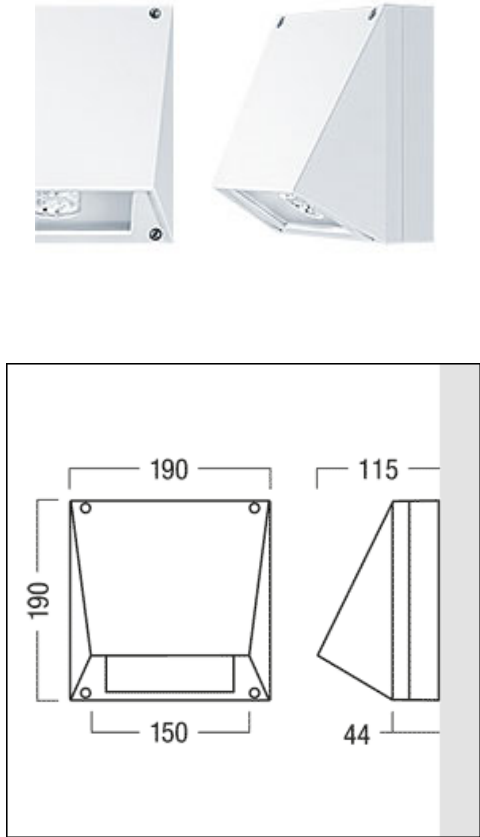
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-E4	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	Zumtobel Tony Smith – 07971 382747 Resclite Pro MSC ANT HP E3D Antipanic Emergency Light High Output To be confirmed – to match ceiling Various Surface IP40 7.2 LED 6500K 70 CRI DALI 7.2 NA DALI 60 lm/W Yes 3 hour Integral Battery Pack 60 lm/W 146mm wide x 146mm deep x 35mm high	 <p>The illustration consists of three parts: a perspective view of the luminaire, a top-down view showing the circular light source, and a technical drawing with dimensions. The technical drawing shows a square footprint of 146mm by 146mm and a height of 35mm. It also indicates mounting hole positions with dimensions of 45mm, 37mm, 25mm, and 42mm.</p>

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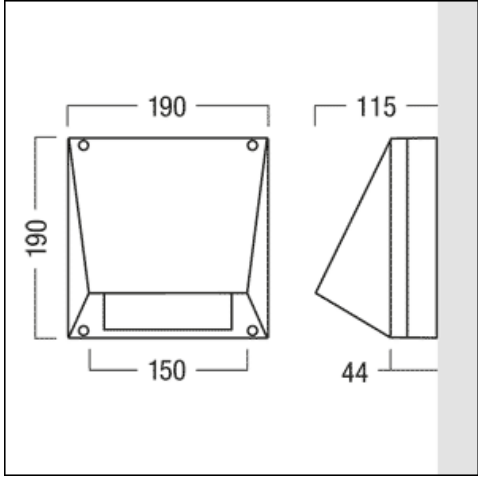
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**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-E5	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	Zumtobel Tony Smith – 07971 382747 Resclite Protect MSW ESCW E3D Escape Emergency Light Standard Output To be confirmed – to match ceiling Various Wall - Surface IP65 3.4 LED 6500K 70 CRI DALI 3.4 NA DALI 106 lm/W Yes 3 hour Integral Battery Pack 106 lm/W 190mm width x 190mm height x 115mm depth	 <p>The illustration section contains three images. At the top, there are two perspective views of the luminaire: one showing the front-left side and another showing the front-right side. Below these is a technical drawing of the luminaire's footprint. The technical drawing shows a square with a side length of 190mm. The mounting holes are spaced 150mm apart. The depth of the luminaire is shown as 115mm, and the distance from the mounting edge to the center of the light source is 44mm.</p>

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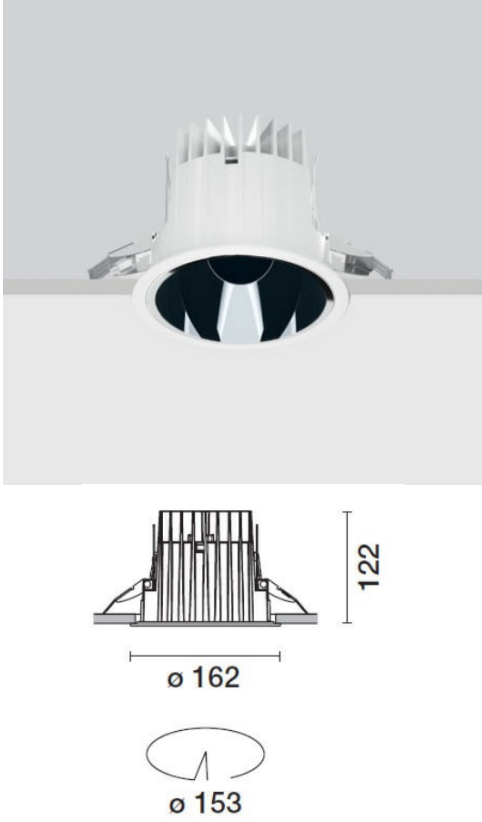
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-E6	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Zumtobel Tony Smith – 07971 382747 Resclite Protect MSW ANT E3D GY Escape Emergency Light Standard OutputGrey Various Wall - Surface IP65 3.4 LED 6500K 70 CRI DALI 3.4 NA DALI 106 lm/W Yes 3 hour Integral Battery Pack 106 lm/W 190mm width x 190mm height x 115mm depth</p>	 

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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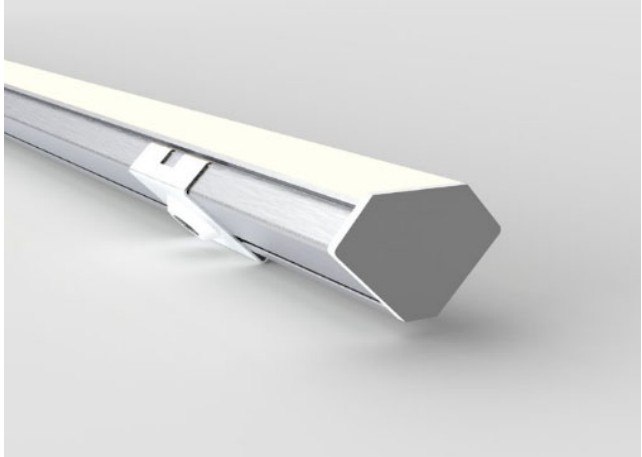
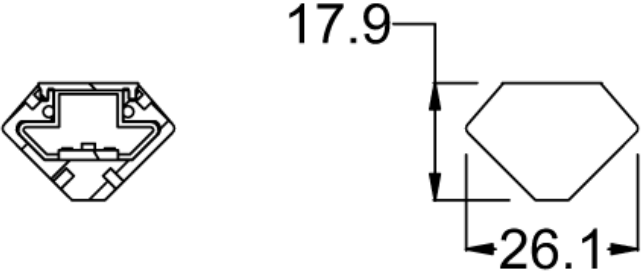
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-F1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : Notes :	iGuzzini Daniel Corsi – 07810 552507 Reflex Round fixed downlight White Birthday Party Room Recessed IP20 33W LED TWRGB NA 60° Remote electronic 33W NA NA DMX 60.9lm/W No NA NA NA NA Ø162 x H122	

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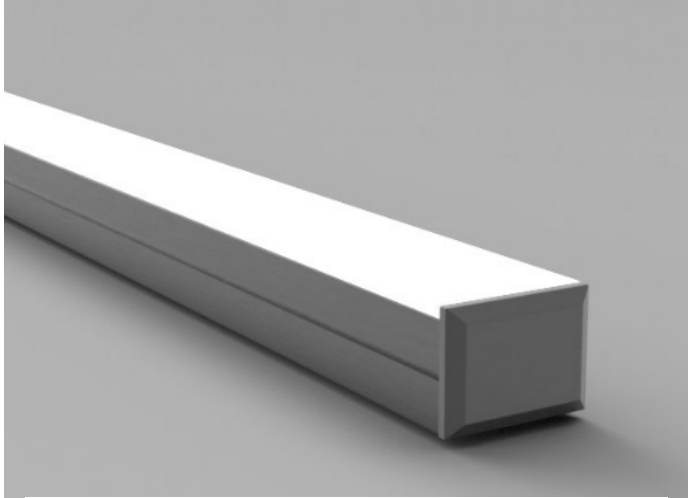
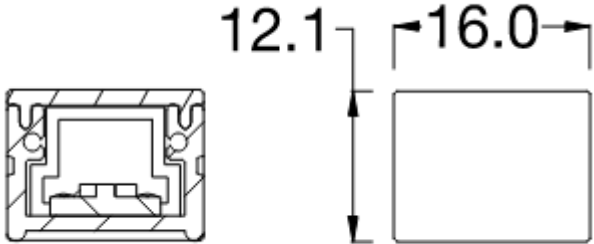
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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Reference	Item	Details	Illustration
F-G1	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : Notes :</p>	<p>Kemps Architectural Lighting Nick Rockliff – 07841464827 Proteus-S High Output Corner Linear Light Aluminium Fireside Restaurant Surface mounted IP54 17W/m LED 2700K 90 Clear Diffuser Remote Dependant on length NA DALI 134lm/W No NA NA NA W26.1 x H17.9 Luminaire integrated into ceiling coffer and bar counter. See interior designer installation detail. ID.130.-1 & ID.120.1-2,3,4&7 Remote driver to be concealed within accessible location.</p>	 

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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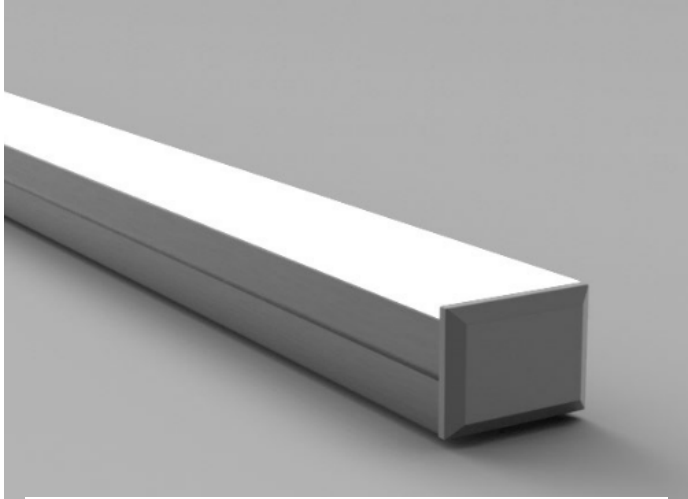
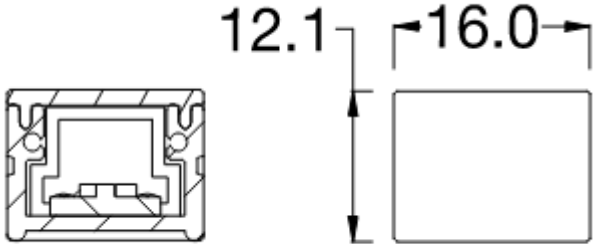
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-G2	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : Notes :	Kemp's Architectural Lighting Nick Rockliff – 07841464827 Proteus-R Linear Light Aluminium Fireside Restaurant Surface mounted IP54 17W/m LED 2700K 90 Opal Diffuser Remote Dependant on length NA DALI 132lm/W No NA NA NA W16 x H12.1 Luminaire integrated into underside of bar shelf. See interior designer installation detail. ID.120.1 - 5 Remote driver to be concealed within accessible location.	 

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**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-G3	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : Notes :	Kemp's Architectural Lighting Nick Rockliff – 07841464827 Proteus-R Linear Light Aluminium Fireside Restaurant Surface mounted IP54 17W/m LED 2700K 90 Clear Diffuser Remote Dependant on length NA DALI 132lm/W No NA NA NA W16 x H12.1 Luminaire integrated into underside of bar counter. See interior designer installation detail. ID.120.1 – 2&4 Remote driver to be concealed within accessible location.	 

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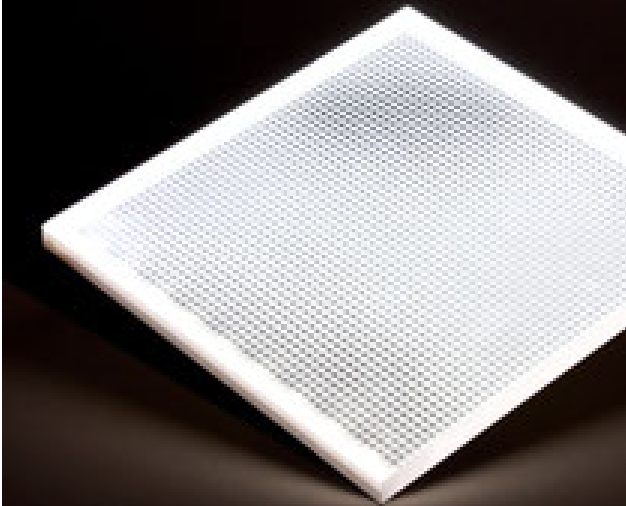
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-G&G-600	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :	Lightology [Interior Designer Specified] Yolo Pendant Decorative Dome Pendant Dark bronze with gold leaf interior Suspended 41W LED 2700K 90 Low voltage electronic 41W Phase Dimmable Ø890 x H407 Stantec Interior Designer Specification Ref: G&G-600	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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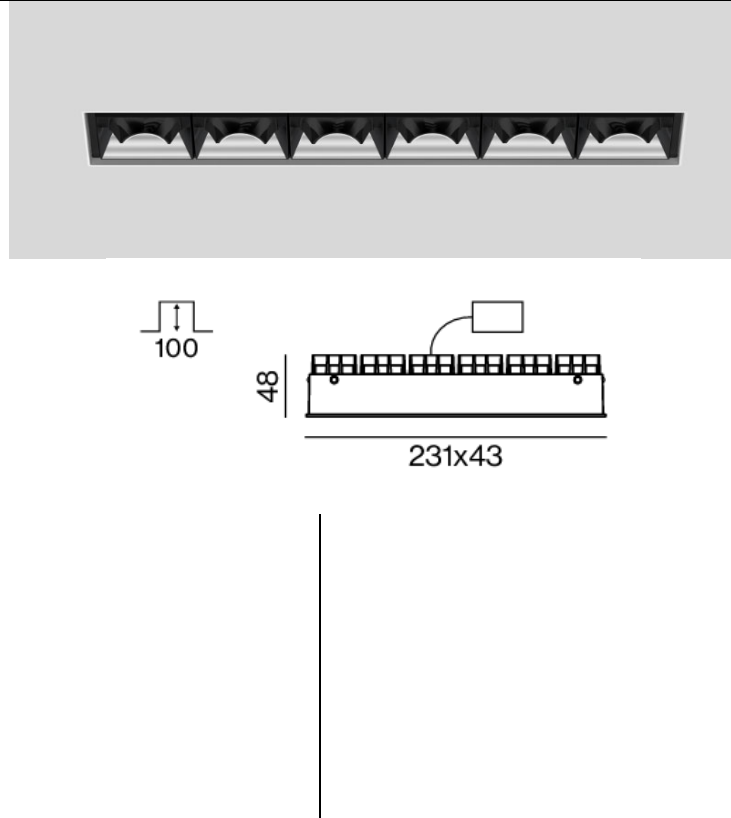
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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Reference	Item	Details	Illustration
F-H1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): Dimmable: Performance: Emergency Facility: Dimensions (mm) : Notes :	Applelec Sandi Moolman – 07714168382 LED Light Sheet Homogenous LED Panel - Fireside Restaurant Integrated within bar shelves IP54 14W/m LED 2700K 90 - Remote Dependant on size DALI 110lm/W No Dimension to suit detail. Depth 8mm. Luminaire integrated with bar shelves, manufactured to bespoke size. See interior designer installation detail. ID.120.1 – 4&6. Remote driver to be concealed within accessible location.	

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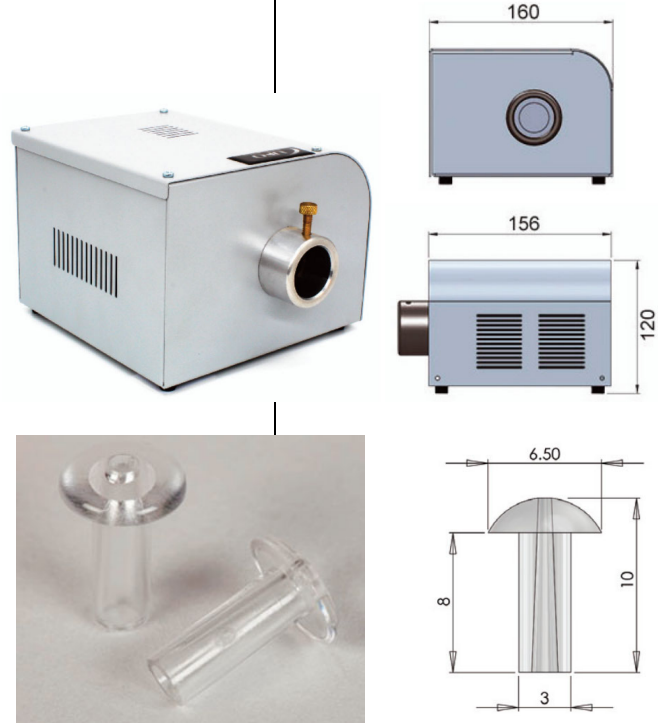
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-HC1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :	XAL Ben Poulton – 07983875086 Unico Trimless rectangular multi-downlight Black reflector Pre-Function Area Recessed IP20 19.8W LED 2700K 90 NA Remote electronic 19.8W @ 0.95pf NA DALI 86lm/W No NA NA NA 231 x 43 x 100	

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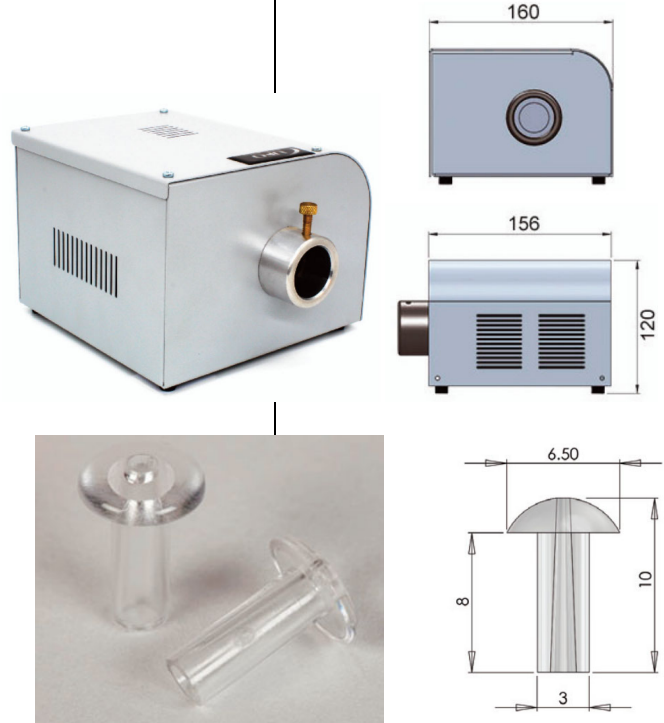
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-J1A	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Dimensions (mm) : L x W x D Notes :</p>	<p>Universal Fibre Optics Steph Pattison – 07736 068 600 Vega LED Light Source & Mushroom Lenses Fibre Optic star sky effect Acrylic lenses Fireside Restaurant Recessed IP20 18W LED 3000K Mushroom lens NA Integrated 18W NA DALI 98lm/W 160 x 50 x 48 Fibre optic system to provide 'star' effect ceiling. Light source to be concealed within accessible ceiling void, connected to Mushroom lenses with end lit PMMA Fibre Harness. To utilise 10No. points per m2 of ceiling. 1No, Light source to provide 28No. points.</p>	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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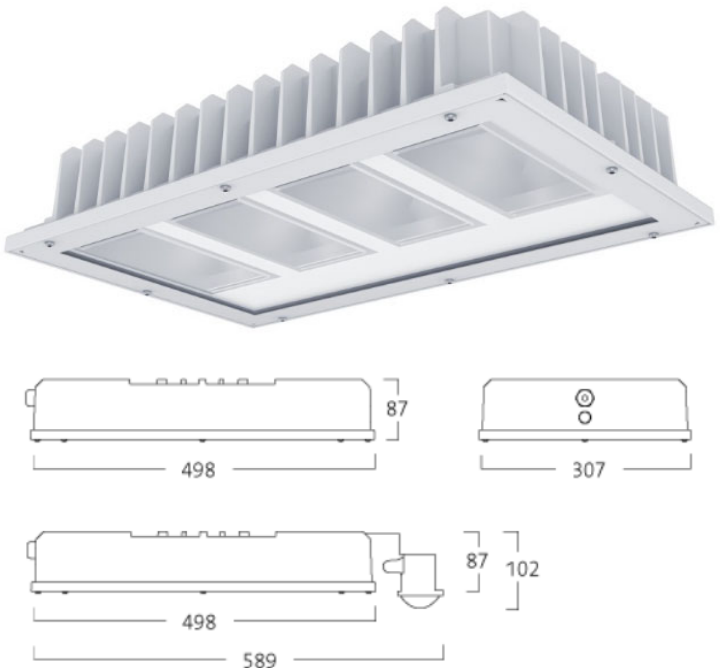
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Reference	Item	Details	Illustration
F-J1B	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Dimensions (mm) : L x W x D Notes :</p>	<p>Universal Fibre Optics Steph Pattison – 07736 068 600 Vega LED Light Source & Mushroom Lenses Fibre Optic star sky effect Acrylic lenses Fireside Restaurant Recessed IP20 18W LED 3000K Mushroom lens NA Integrated 18W NA DALI 98lm/W 160 x 50 x 48 Fibre optic system to provide 'star' effect ceiling. Light source to be concealed within accessible ceiling void, connected to Mushroom lenses with end lit PMMA Fibre Harness. To utilise 10No. points per m2 of ceiling. 1No, Light source to provide 28No. points.</p>	 <p>The illustration shows a white rectangular light source unit with a circular lens on the front. To its right are two views of the mushroom lens: a top view showing a diameter of 160mm and a side view showing a diameter of 156mm and a height of 120mm. Below the light source unit is a photograph of two clear acrylic mushroom lenses. To the right of the photograph is a detailed technical drawing of a single mushroom lens with dimensions: a top diameter of 6.50mm, a stem diameter of 3mm, a stem height of 10mm, and a total height of 8mm.</p>

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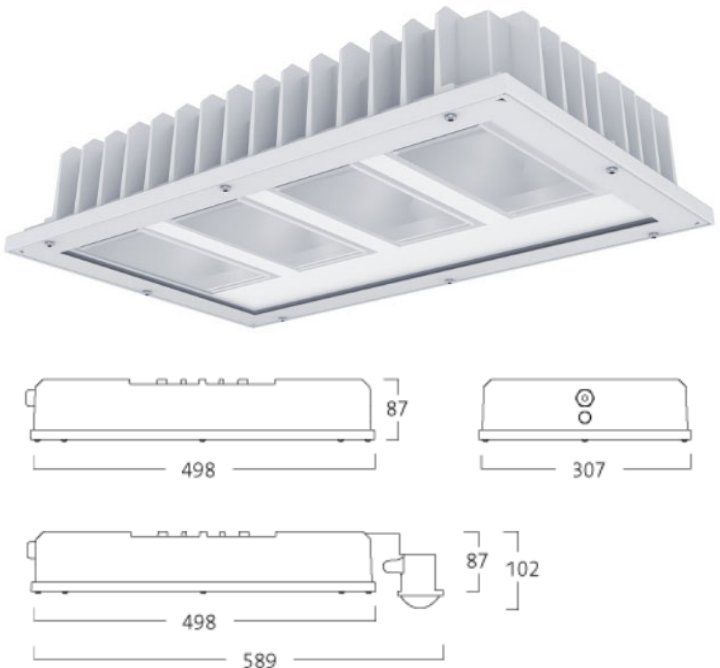
**GREAT WOLF LODGE
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LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-K1	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, µs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast:</p> <p>Dimensions (mm) : L x W x D Notes :</p>	<p>Fagerhult Graham Taylor - 07968607726 Hero SPA Highbay Asymmetrical Luminaire White Waterpark Surface mounted IP65 94W LED 3000K 80 Asymmetric Integral 98W NA DALI 139lm/W Where indicated on the drawings as F-K1E 3HR Yes</p> <p>498 x 307 x 87 K1E emergency function to be supplied by the central battery system.</p>	

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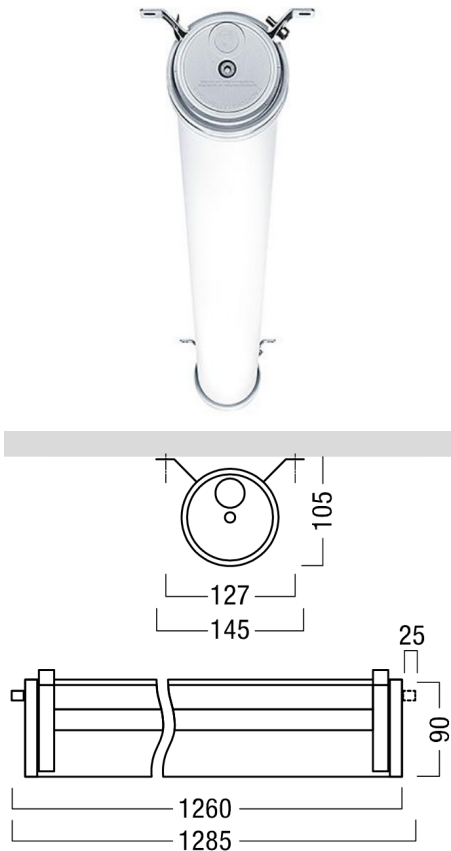
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-K2	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast:</p> <p>Dimensions (mm) : L x W x D Notes :</p>	<p>Fagerhult Graham Taylor - 07968607726 Hero SPA Highbay Asymmetrical Luminaire White Waterpark Surface mounted IP65 121W LED 3000K 80 Asymmetric Integral 126W NA DALI 139lm/W Where indicated on the drawings as F-K2E 3HR Yes</p> <p>498 x 307 x 87 K2E emergency function to be supplied by the central battery system.</p>	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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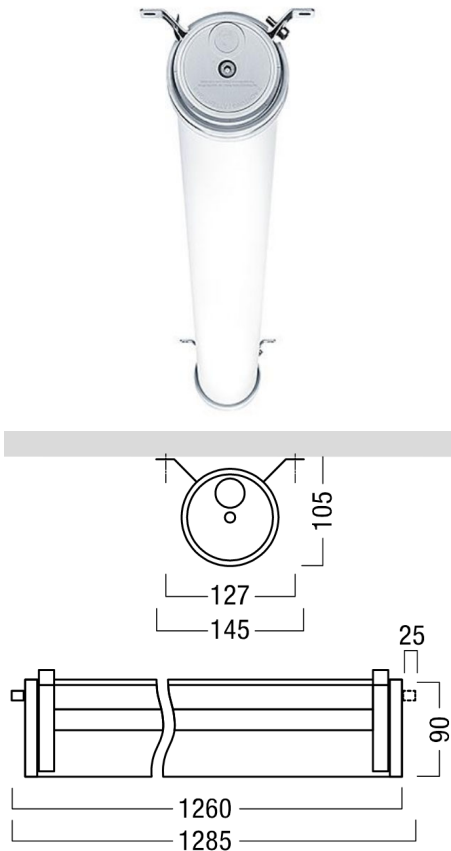
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-L1E	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : Notes :</p>	<p>Zumtobel Tony Smith – 07971 382747 Tubilux Tube Luminaire Stainless steel end caps Waterpark Surface mounted IP68 41W LED 4000K 80 Satin Diffuser Remote 41W NA DALI 131lm/W Yes – via central battery system 3HR Yes 12% Ø90 x L1260 Emergency function to be supplied by the central battery system.</p>	 <p>The illustration shows a perspective view of a cylindrical luminaire with a stainless steel end cap. Below it is a top-down view showing a circular diffuser with a diameter of 105 mm, a central hole of 127 mm, and a mounting hole diameter of 145 mm. A side view shows the luminaire's length of 1260 mm, a total length including end caps of 1285 mm, and a diameter of 90 mm. A 25 mm dimension is also indicated for the end cap thickness.</p>

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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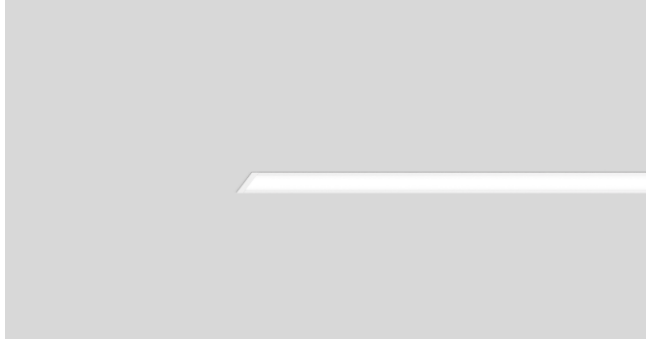
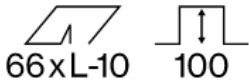
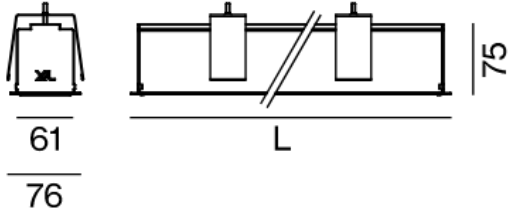
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-L2E	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :</p>	<p>Zumtobel Tony Smith – 07971 382747 Tubilux Tube Luminaire Stainless steel end caps Waterpark Suspended IP68 41W LED 4000K 80 Satin Diffuser Remote 41W NA DALI 131lm/W Yes – via central battery system 3HR Yes 12% \varnothing90 x L1260 Suspension cable accessory required. Emergency function to be supplied by the central battery system.</p>	 <p>The illustration shows the luminaire from three perspectives. The top view shows a circular diffuser with a diameter of 127 mm and a mounting hole diameter of 105 mm. The side view shows a cylindrical body with a diameter of 90 mm and a total length of 1260 mm. The mounting hardware at the ends has a diameter of 25 mm. The overall length including mounting hardware is 1285 mm.</p>

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration
F-LR4	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :	XAL Ben Poulton – 07983875086 Baso 60 Recessed linear White Various Recessed IP54 29.9W LED 3000K 80 Opal Integrated 29.9W NA DALI 118lm/W No NA NA NA 1619 x 76 x 75 Within reception, luminaire to comprise of a continuous run 18,000mm long.	  

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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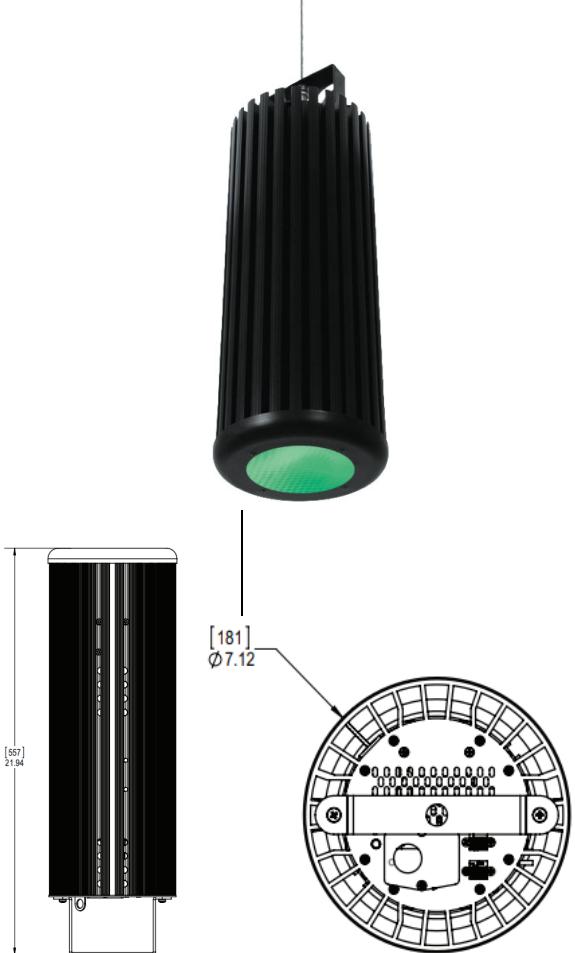
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-OLM-602	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :	Primus Lighting [Interior Designer Specified] Hanging Mine Stringlight Decorative Festoon Lighting Yellow Oliver's Mining Suspended 3.5W/unit LED 2700K Phase Dimmable Not known Stantec Interior Designer Specification Ref: OLM-602	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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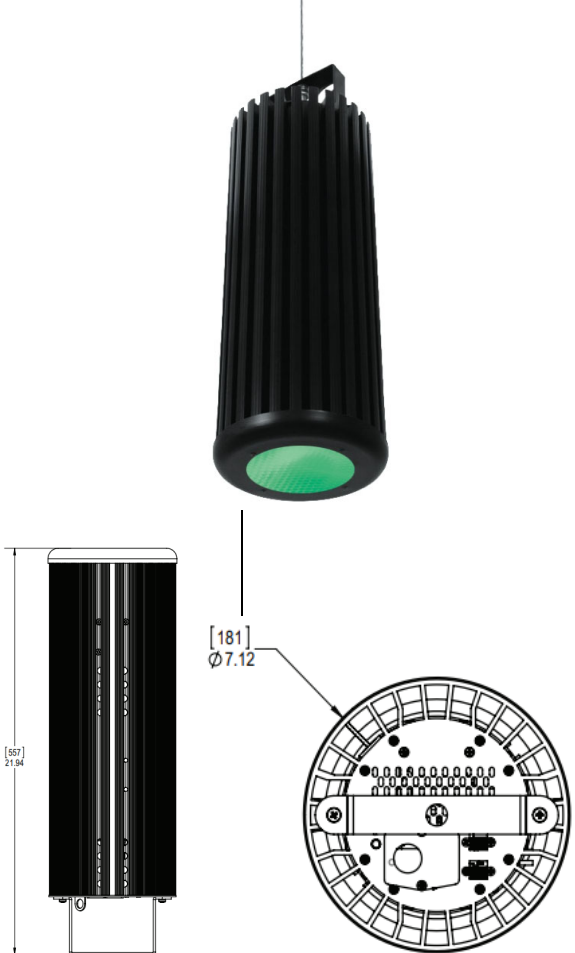
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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Reference	Item	Details	Illustration
F-P01	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :	Chroma-Q [Interior Designer Specified] Inspire XT Multi-purpose houselight Black Lobby 135W LED RGBW 90 42° 135W DMX Ø181 x H557 BRC Interior Designer Specification Ref P01	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration
F-P02	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :</p>	<p>Chroma-Q [Interior Designer Specified]</p> <p>Inspire XT Multi-purpose houselight Black FEC</p> <p>135W LED RGBW 90 32° 135W DMX</p> <p>Ø181 x H557 BRC Interior Designer Specification Ref: P02</p>	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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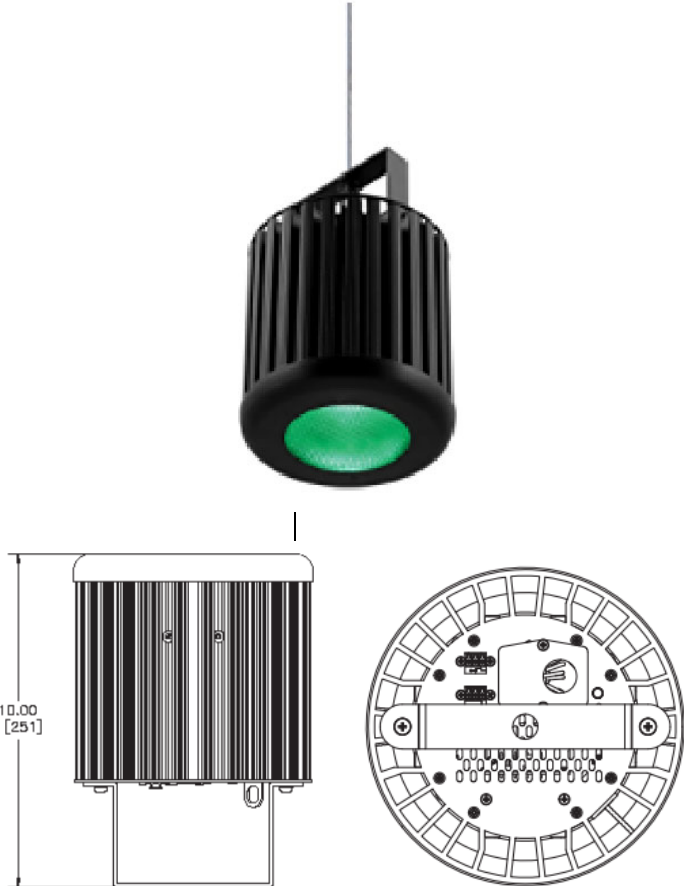
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-P03	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :	Chroma-Q [Interior Designer Specified] Inspire Multi-purpose houselight Black FEC 100W LED RGBW 90 42° 100W DMX Ø181 x H404 BRC Interior Designer Specification Ref: P03	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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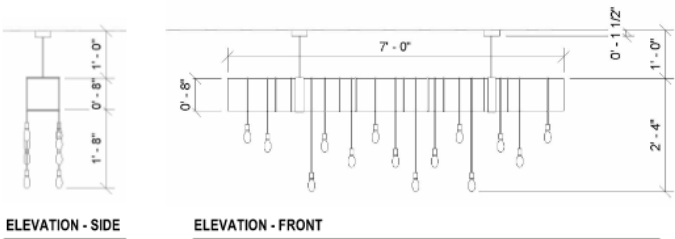
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-P04	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm) : L x W x D Notes :	Chroma-Q [Interior Designer Specified] Inspire Mini Multi-purpose houselight Black MagiQuest Retail 70W LED RGBW 90 65° 70W DMX Ø181 x H251 BRC Interior Designer Specification Ref: P04	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

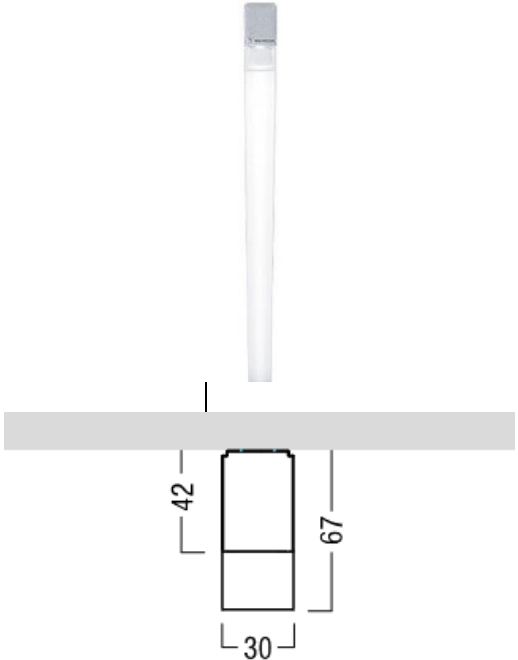
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Reference	Item	Details	Illustration
<p>F-PAR-600</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>[Interior Designer Specified]</p> <p>Custom Wood Beam Light Decorative Pendant</p> <p>Party Den Suspended</p> <p>LED 3500K</p> <p>Phase Dimmable</p> <p>15 lamps per wooden pendant. Cords to match ID specified colours. Stantec Interior Designer Specification Ref: PAR-600</p>	<p style="text-align: center;">Illustration</p>   <p style="text-align: center;">ELEVATION - SIDE ELEVATION - FRONT</p>

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.








**GREAT WOLF LODGE
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LUMINAIRE DATA SHEETS**

Reference	Item	Details	Illustration
F-PD1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	Zumtobel Tony Smith – 07971 382747 Linaria LED Continuous Row Luminaire Silver Arcade Suspended IP20 32.4W LED 3000K 80 Opal Integrated 32.4W @ 0.96pf NA DALI 138lm/W No NA NA NA 1808 x 30 x 67	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.



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Reference	Item	Details	Illustration
F-RD1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): Notes:	XAL Ben Poulton - 07983875086 Sasso 100 Round fixed downlight with trim White Inset/White Housing Various Recessed IP20 29.4W LED 2700K 90 44° Integrated electronic 29.4W @ 0.95pf NA DALI 74lm/W No NA NA NA NA Ø118 x H80	      

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-RD6	<p>Manufacturer: XAL Contact: Ben Poulton - 07983875086 Product Name: Sasso 60 Product Description: Round downlight with trim Finish: White Inset/White Housing Location: Various Mounting Type: Recessed IP Rating: IP20 Lamp Wattage (W): 12.6W Lamp Type: LED Colour Temperature (K): 2700K Colour Rendering Index: 90 Optic/Beam Angle: 42° Control Gear Type: Integrated electronic Total Power (W): 12.6W @ 0.95pf In-rush current (A, µs): NA Dimmable: DALI Performance: 78lm/W Emergency Facility: No Emergency Duration: NA Integral Emergency Ballast: NA Emergency LOR (%): NA Dimensions (mm): Ø80 x H60 Notes:</p>	<p>XAL Ben Poulton - 07983875086 Sasso 60 Round downlight with trim White Inset/White Housing Various Recessed IP20 12.6W LED 2700K 90 42° Integrated electronic 12.6W @ 0.95pf NA DALI 78lm/W No NA NA NA NA Ø80 x H60</p>	 

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

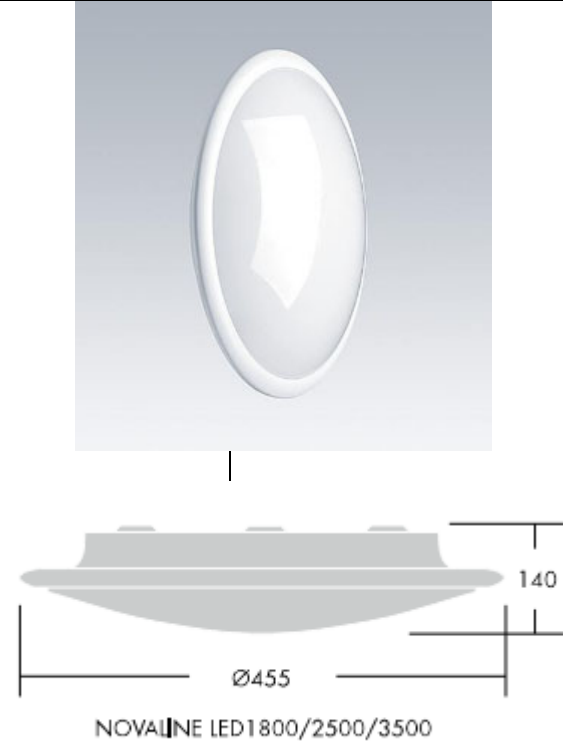
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Reference	Item	Details	Illustration
F-SD1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	City Theatrical [Interior Designer Specified] QolorFLEX LED Tape White Dependant on location 12W/m LED RGBA Dependant on length of run DMX BRC Interior Designer Specification Ref: SD1 Lighting integrated into joinery. Refer to interior designers detail drawings for information. Remote driver to be concealed within accessible location.	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.


**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
F-SE	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	THORN Tony Smith – 07971 382747 Novaline Round Bulkhead White Stairs Surface mounted IP40 18.2W LED 3000K 80 Opal Integrated 18.2W @ 0.90pf NA Fixed Output 124lm/W No NA NA NA Ø455 x H140	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration
F-TEN-600	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	Barn Light Electric Co [Interior Designer Specified] Atomic Industrial Guard Cord Pendant Decorative Industrial Pendant Black Ten Paw Suspended 100W max E26 Incandescent 100W max Phase Dimmable Ø260 x H260 Stantec Interior Designer Specification Ref: TEN-600	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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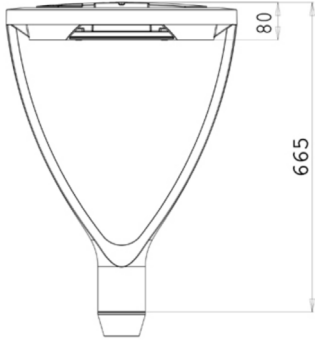
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
<p>F-WAT-600</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Optic/Beam Angle: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Barn Light Electric Co [Interior Designer Specified]</p> <p>Flush Mount Guard Sconce Decorative Industrial Surface Light Bronze Water Park, Watering Hole Surface Mounted</p> <p>100W max E26 Incandescent</p> <p>100W max Phase Dimmable</p> <p>\varnothing127 x H243 Stantec Interior Designer Specification Ref: WAT-600</p>	<p style="text-align: center;">Illustration</p> <div style="text-align: center;">  </div> <p style="text-align: center;">IMAGE FOR REFERENCE</p>

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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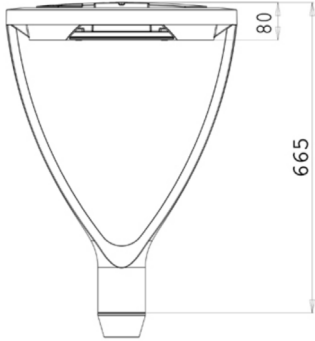
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
X1	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Eco Rays TP Dark grey satin Car Park, main approach Column mounted 4m tall IP66 42W, 700mA LED, S Optic 3000K 70 Integral DALI 42W NA DALI 105lm/W No NA NA NA 665mm high x 80mm deep @ 4m tall	 

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration
X2	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Eco Rays TP Dark grey satin Car Park, main approach Column mounted 4m tall IP66 42W, 700mA LED, S05 Optic 3000K 70 Integral DALI 42W NA DALI 104lm/W No NA NA NA 665mm high x 80mm deep @ 4m tall AEC via Kingfisher Lighting</p>	 


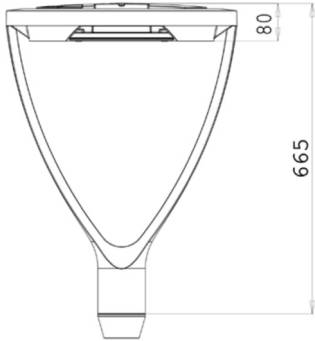
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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GREAT WOLF LODGE

LUMINAIRE SCHEDULE

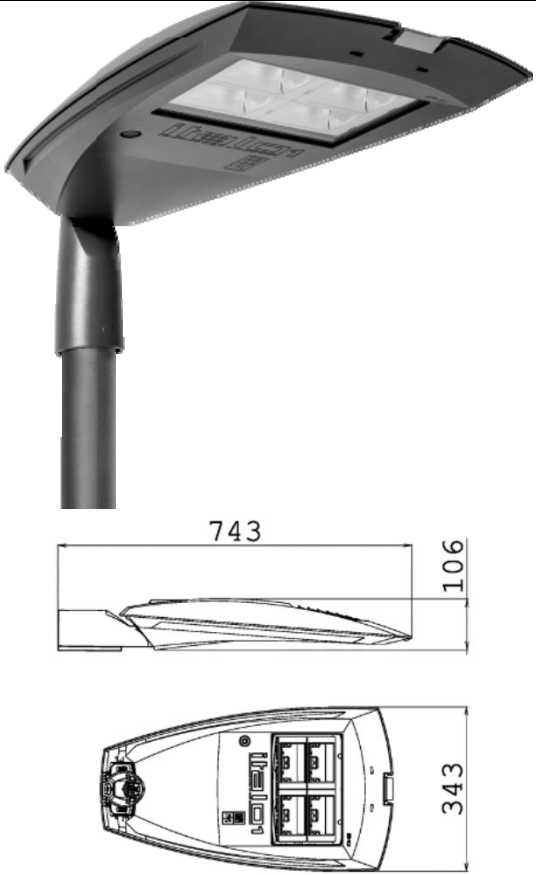
LUMINAIRE DATA SHEETS

Reference	Item	Details	Illustration
X3	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Eco Rays TP Dark grey satin Car Park, main approach Column mounted 4m tall IP66 42W, 700mA LED, STU-M Optic 3000K 70 Integral DALI 42W NA DALI 97lm/W No NA NA NA 665mm high x 80mm deep @ 4m tall	 

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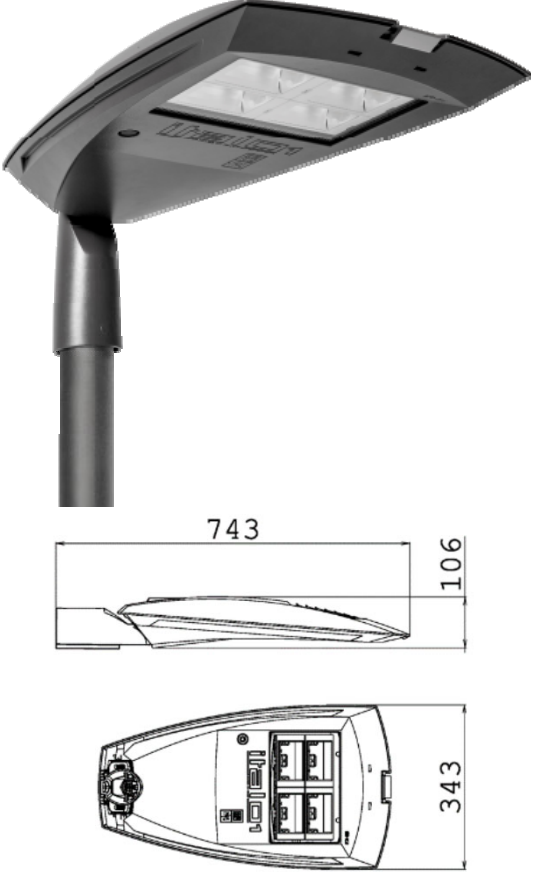
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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Reference	Item	Details	Illustration
X4	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 1 LED 3 module Dark grey satin Car Park Column mounted 6m tall IP66 58W, 700mA LED, S05 Optic, 0° Tilt 3000K 70 Integral DALI 58W NA DALI 121lm/W No NA NA NA 743mm long x 343mm wide @ 6m tall	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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Reference	Item	Details	Illustration
X5	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 1 LED 3 module Dark grey satin Car Park Column mounted 6m tall IP66 58W, 700mA LED, S05 Optic, 5° Tilt 3000K 70 Integral DALI 58W NA DALI 121lm/W No NA NA NA 743mm long x 343mm wide @ 6m tall	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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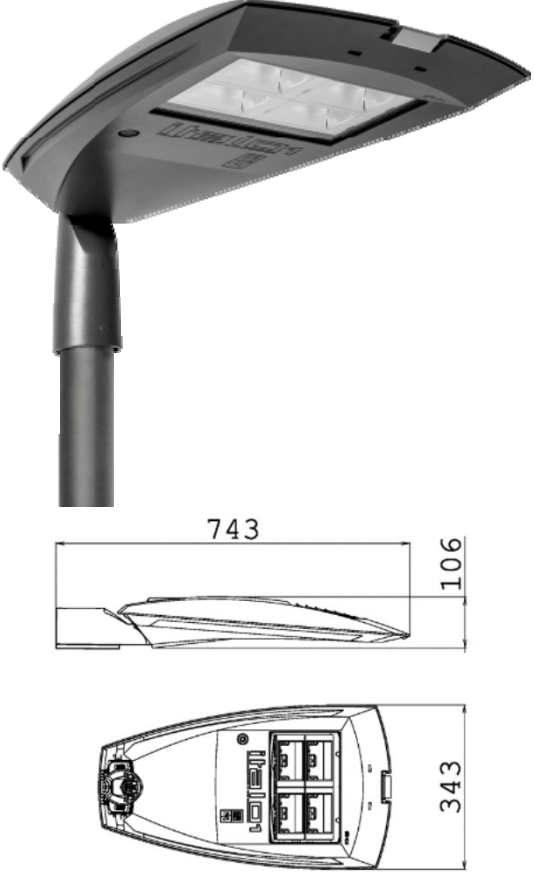
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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Reference	Item	Details	Illustration
X6	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 1 LED 3 module – Double Luminaire Dark grey satin Car Park Column mounted 6m tall IP66 2No. 58W, 700mA LED, S05 Optic, 10° Tilt 3000K 70 Integral DALI 2No. 58W NA DALI 121lm/W No NA NA NA 743mm long x 343mm wide @ 6m tall</p>	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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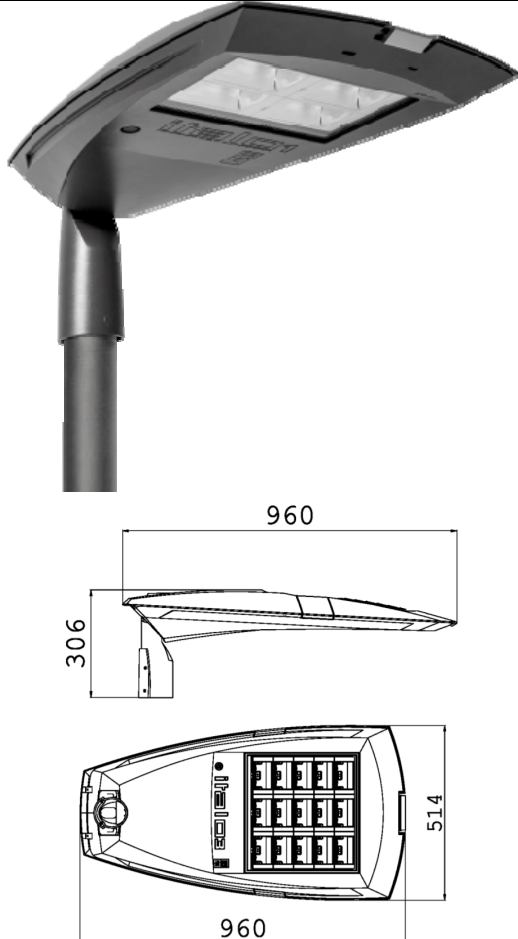
**GREAT WOLF LODGE
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Reference	Item	Details	Illustration
X6A	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 1 LED 3 module – Double Luminaire Dark grey satin Car Park Column mounted 6m tall IP66 2No. 58W, 700mA LED, S05 Optic, 0° Tilt 3000K 70 Integral DALI 2No. 58W NA DALI 121lm/W No NA NA NA 743mm long x 343mm wide @ 6m tall	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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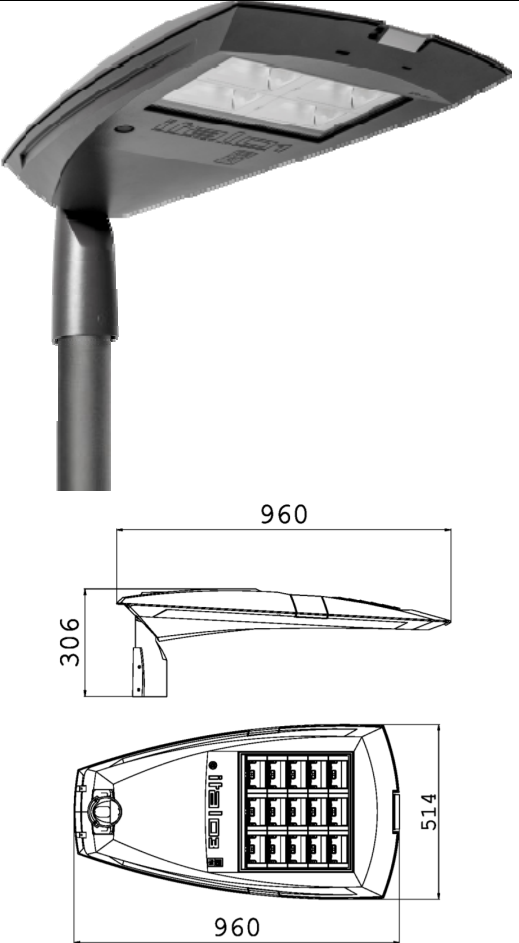
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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Reference	Item	Details	Illustration
X7	Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μ s): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:	AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 3 LED 10 module Dark grey satin Service Yard Column mounted 6m tall IP66 191W, 700mA LED, S05 Optic, 5° Tilt 3000K 70 Integral DALI 191W NA DALI 124lm/W No NA NA NA 960mm long x 514mm wide @ 6m tall	

Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>X8</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 3 LED 10 module Dark grey satin Service Yard Column mounted 8m tall IP66 191W, 700mA LED, S05 Optic, 5° Tilt 3000K 70 Integral DALI 191W NA DALI 124lm/W No NA NA NA 960mm long x 514mm wide @ 8m tall</p>	
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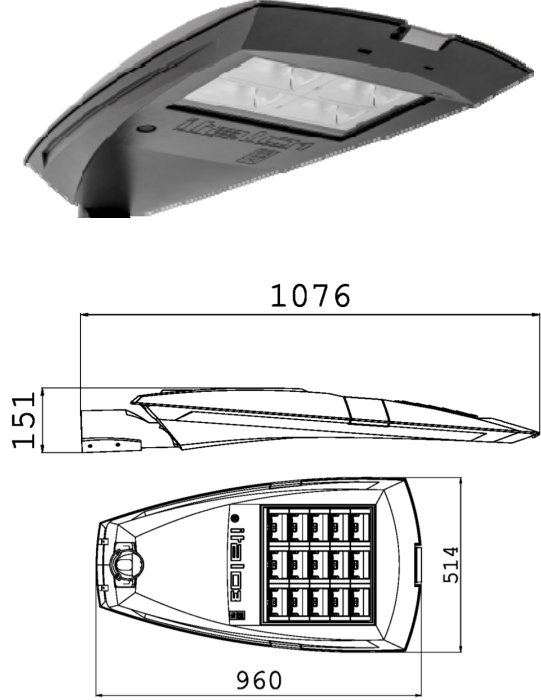
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>X9</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 3 LED 10 module Dark grey satin Service Yard Wall mounted IP66 191W, 700mA LED, S05 Optic, 0° Tilt 3000K 70 Integral DALI 191W NA DALI 124lm/W No NA NA NA 1076mm long x 514mm wide @ 6m height</p>	
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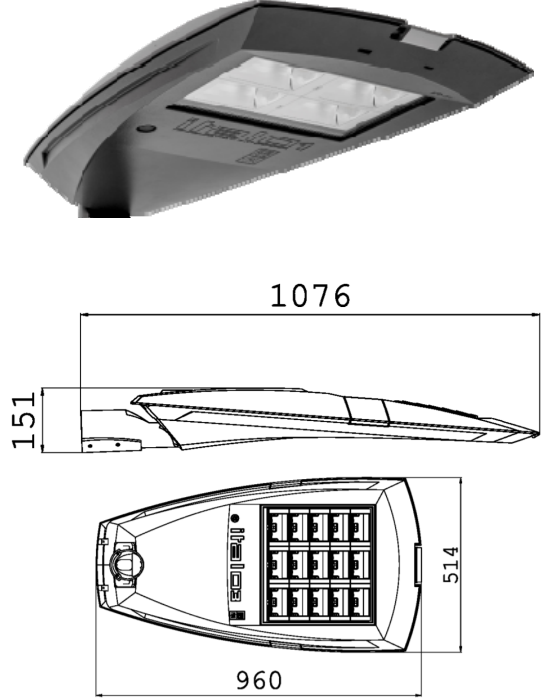
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>X10</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 3 LED 10 module Dark grey satin Service Yard Wall mounted IP66 191W, 700mA LED, S05 Optic, 5° Tilt 3000K 70 Integral DALI 191W NA DALI 124lm/W No NA NA NA 1076mm long x 514mm wide @ 6m height</p>	
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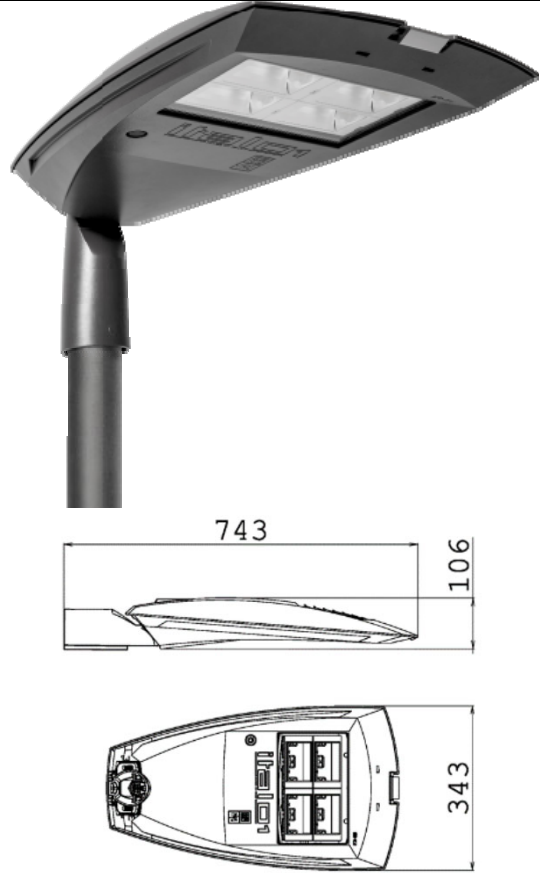
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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GREAT WOLF LODGE

LUMINAIRE SCHEDULE

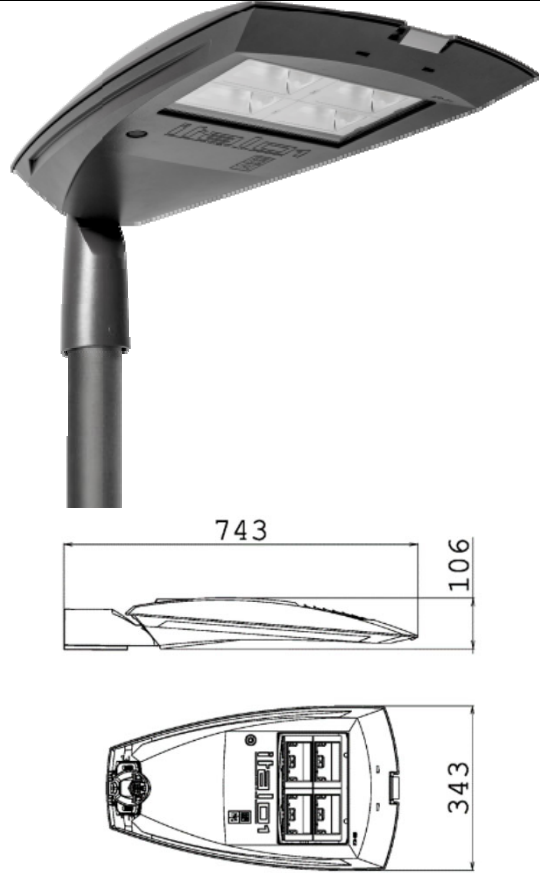
LUMINAIRE DATA SHEETS

X11	<p>Manufacturer: AEC via Kingfisher Lighting Contact: Dave Hughes – 07777 640 336 Product Name: Italo 1 LED 3 module Product Description: Finish: Dark grey satin Location: Car Park Mounting Type: Column mounted 6m tall IP Rating: IP66 Lamp Wattage (W): 44W, 523mA Lamp Type: LED, SV Optic, 5° Tilt Colour Temperature (K): 3000K Colour Rendering Index: 70 Control Gear Type: Integral DALI Total Power (W): 58W In-rush current (A, μs): NA Dimmable: DALI Performance: 121lm/W Emergency Facility: No Emergency Duration: NA Integral Emergency Ballast: NA Emergency LOR (%): NA Dimensions (mm): L x W x D 743mm long x 343mm wide @ 6m tall Notes:</p>	
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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X12	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 1 LED 3 module Dark grey satin Car Park Column mounted 4m tall IP66 58W, 700mA LED, S05 Optic, 5° Tilt 3000K 70 Integral DALI 58W NA DALI 121lm/W No NA NA NA 743mm long x 343mm wide @ 4m tall</p>	
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>X13</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 Italo 1 LED 3 module – Double Luminaire Dark grey satin Car Park Column mounted 4m tall IP66 2No. 58W, 700mA LED, S05 Optic, 5° Tilt 3000K 70 Integral DALI 2No. 58W NA DALI 121lm/W No NA NA NA 743mm long x 343mm wide @ 4m tall</p>	
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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GREAT WOLF LODGE

LUMINAIRE SCHEDULE

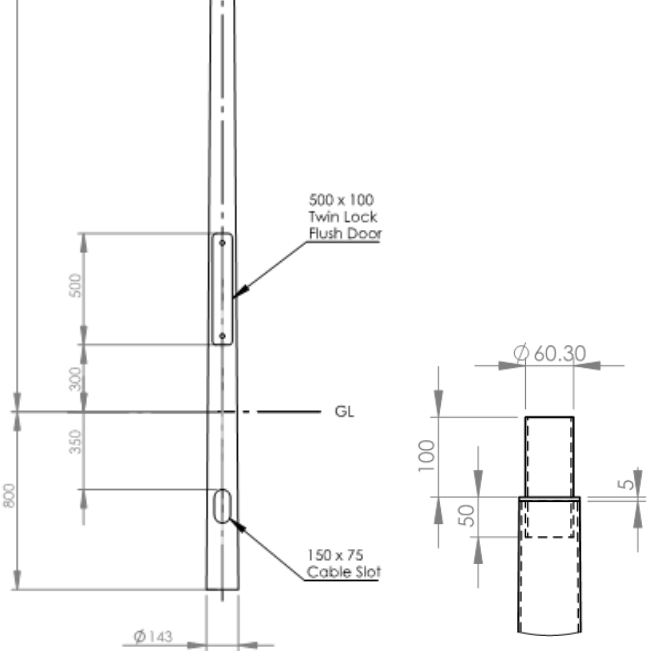
LUMINAIRE DATA SHEETS

X14	<p>Manufacturer: AEC via Kingfisher Lighting</p> <p>Contact: Dave Hughes – 07777 640 336</p> <p>Product Name: Italo 1 LED 3 module</p> <p>Product Description:</p> <p>Finish: Dark grey satin</p> <p>Location: Car Park</p> <p>Mounting Type: Column mounted 6m tall</p> <p>IP Rating: IP66</p> <p>Lamp Wattage (W): 58W, 700mA</p> <p>Lamp Type: LED, S05 Optic, 10° Tilt</p> <p>Colour Temperature (K): 3000K</p> <p>Colour Rendering Index: 70</p> <p>Control Gear Type: Integral DALI</p> <p>Total Power (W): 58W</p> <p>In-rush current (A, μs): NA</p> <p>Dimmable: DALI</p> <p>Performance: 121lm/W</p> <p>Emergency Facility: No</p> <p>Emergency Duration: NA</p> <p>Integral Emergency Ballast: NA</p> <p>Emergency LOR (%): NA</p> <p>Dimensions (mm): L x W x D 743mm long x 343mm wide @ 6m tall</p> <p>Notes:</p>	
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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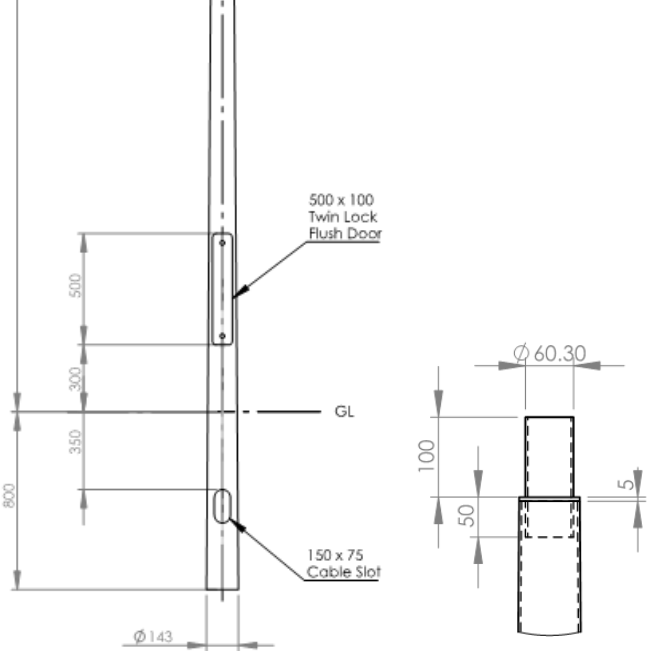
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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<p>Column For X1 X2 X3 X12 X13 X14</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 4M AGL tapered column Dark grey satin Car Park Root mounted NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA 4m tall Ridged column to provide stable mounting for CCTV cameras</p>	
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>Column For X4 X5 X6 X6A X7 X11</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 6M AGL tapered column Dark grey satin Car Park Root mounted NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA 6m tall Ridged column to provide stable mounting for CCTV cameras</p>	
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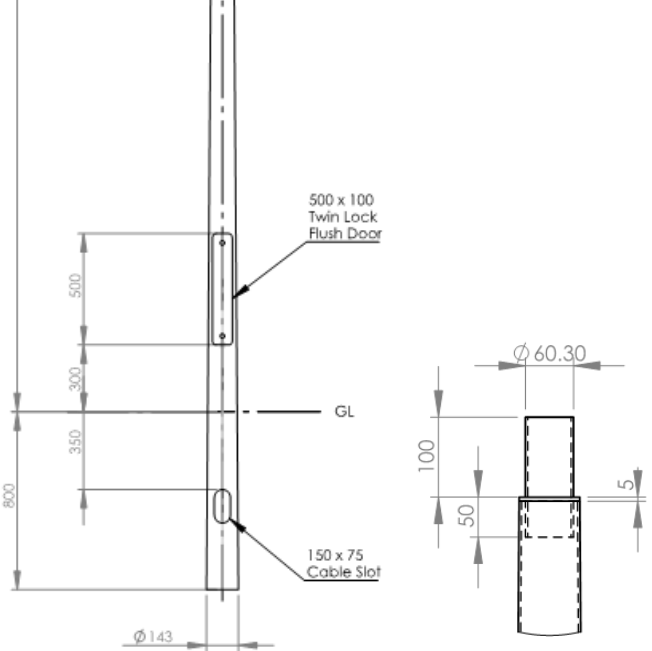
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>Column For X8</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>AEC via Kingfisher Lighting Dave Hughes – 07777 640 336 8M tapered column Dark grey satin Car Park Root mounted NA NA NA NA NA NA NA NA NA NA NA NA No NA NA NA 8m tall No CCTV requirements</p>	 <p>The technical drawing shows a tapered column with a total height of 800 mm and a diameter of $\varnothing 143$ mm. It features a '500 x 100 Twin Lock Flush Door' located 500 mm from the top and a '150 x 75 Cable Slot' located 350 mm from the bottom. A 'GL' (Ground Level) line is indicated. The front view shows a diameter of $\varnothing 60.30$ mm and a height of 100 mm for the lower section, with a 5 mm offset.</p>
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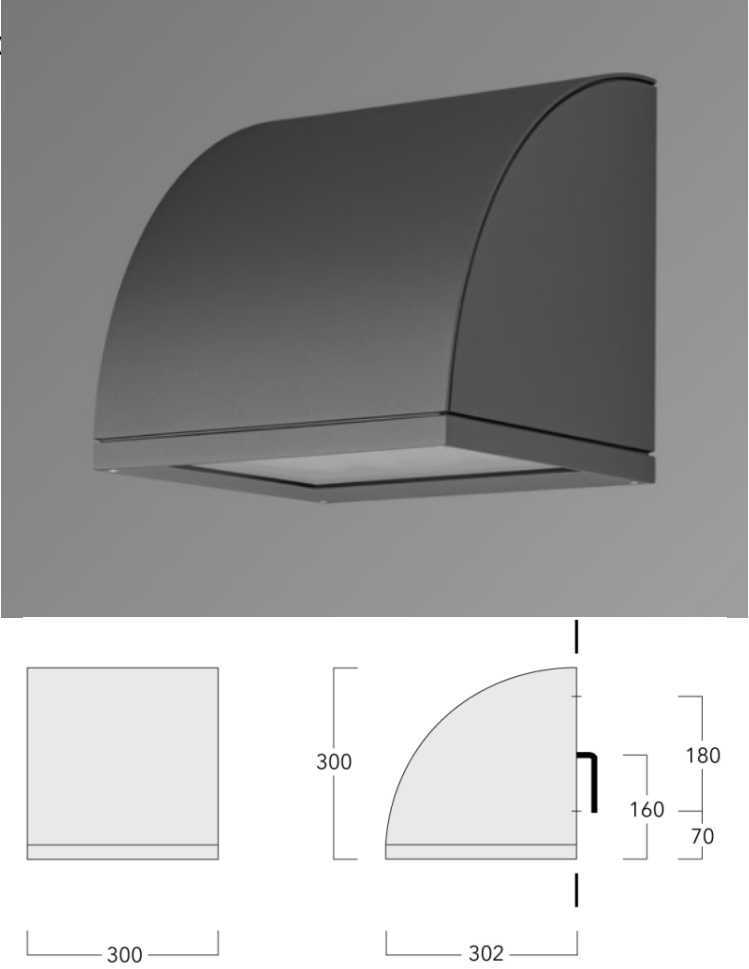
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>X15A</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>We-ef Rob Marsh – 07904 255457 OLV 344 Dark grey satin Water Park Exterior Wall mounted at 6.5m FFFL IP65 55W, 700mA LED, Asymmetric 'forward throw' A60 2700K 80 Integral DALI 55W NA DALI 78lm/W No NA NA NA 300mm wide x 300mm high Mounted @ 6.5m FFFL</p>	
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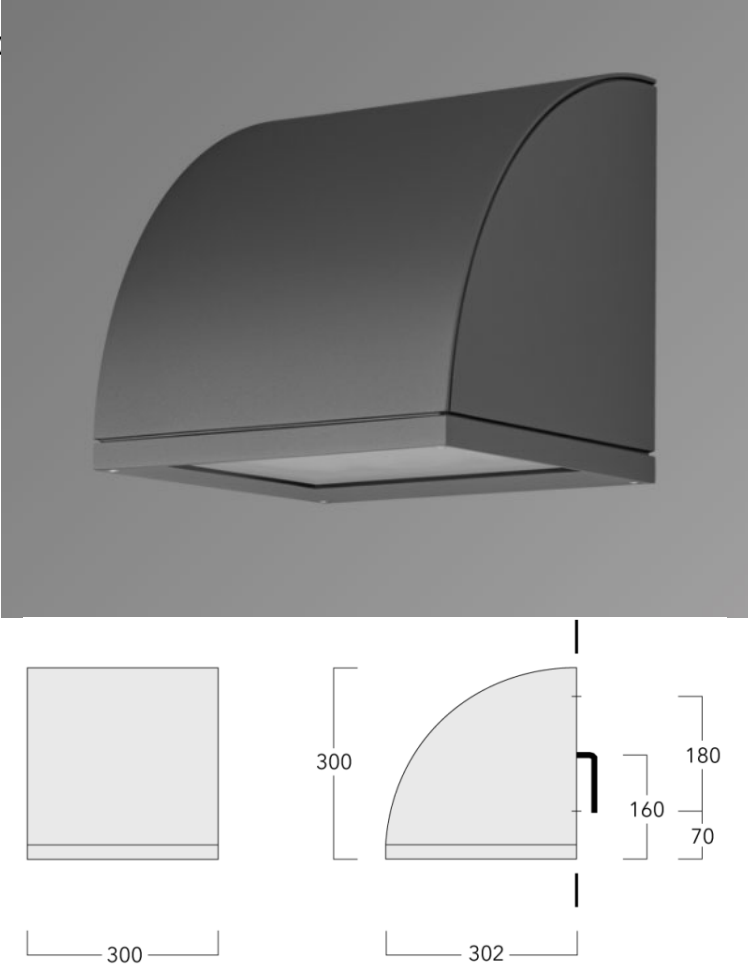
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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GREAT WOLF LODGE

LUMINAIRE SCHEDULE

LUMINAIRE DATA SHEETS

<p>X15B</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>We-ef Rob Marsh – 07904 255457 OLV 344 Dark grey satin Water Park Exterior Wall mounted at 6.5m FFFL IP65 55W, 700mA LED, Rectangular 'side throw' R65 2700K 80 Integral DALI 55W NA DALI 73lm/W No NA NA NA 300mm wide x 300mm high Mounted @ 6.5m FFFL</p>	 <p>The image shows a 3D perspective view of a dark grey, rectangular luminaire with a curved top. Below it are three technical drawings: a front view showing a 300mm wide and 300mm high rectangular shape; a side view showing a 302mm wide and 180mm high profile with a 70mm mounting depth; and a top-down view showing a 300mm wide and 160mm deep profile.</p>
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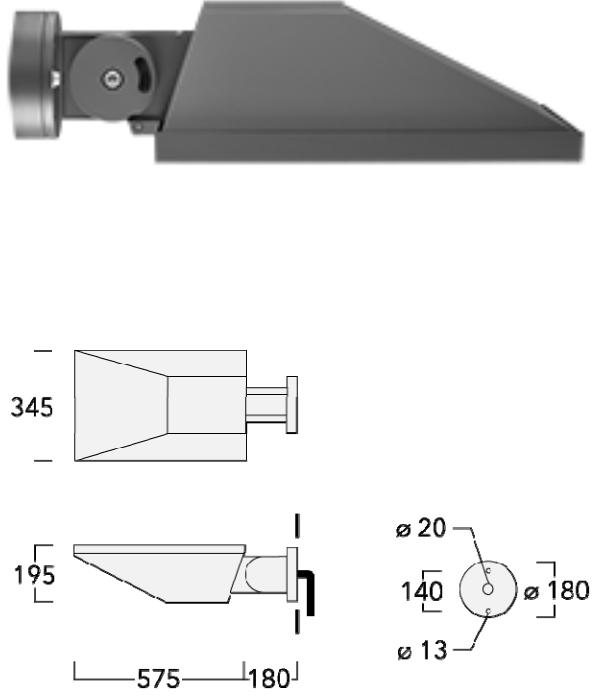
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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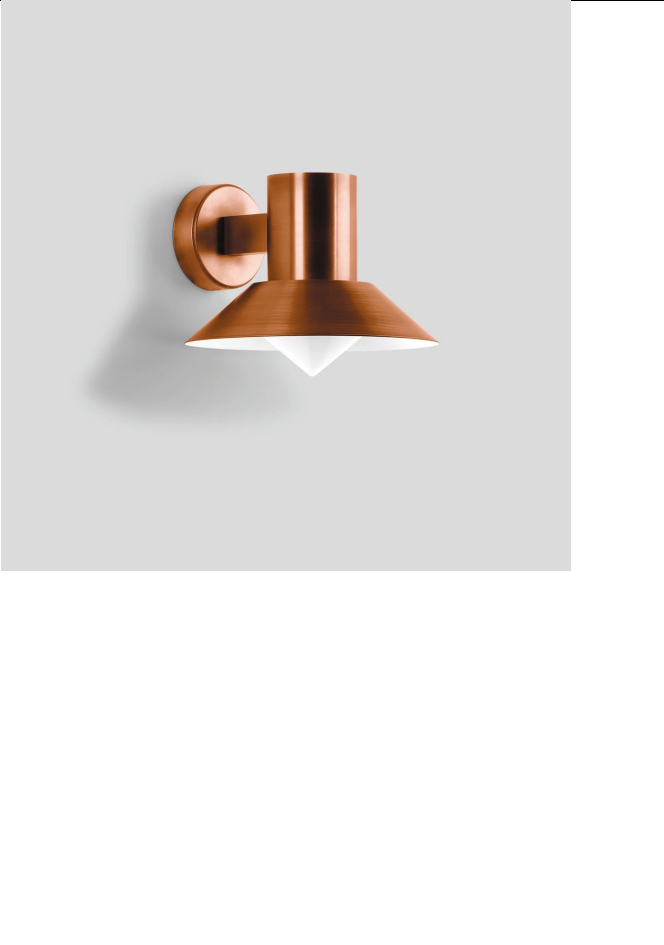
LUMINAIRE DATA SHEETS

<p>X15D</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>We-ef Rob Marsh – 07904 255457 PIA240 Dark grey satin Water Park Exterior Wall mounted at 6.5m FFFL IP66 81W, 700mA LED, Asymmetric 'forward throw' A60 2700K 80 Integral DALI 81W NA DALI 82lm/W No NA NA NA 345mm wide x 195mm high x 575 deep Mounted @ 6.5m FFFL</p>	<p>334</p>  <p>345</p> <p>195</p> <p>575</p> <p>180</p> <p>$\varnothing 20$</p> <p>140</p> <p>$\varnothing 180$</p> <p>$\varnothing 13$</p>
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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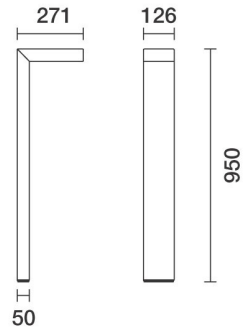
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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<p>X16</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Bega Andy Purkiss – 07534 894 028 31060K3 - Banquet Exterior Column mounted IP44 5W LED 2700K 80 Integral electronic 5W NA Switched -lm/W No NA NA NA 260mm width, 205mm height, 280mm depth</p>	<p>334</p>	
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

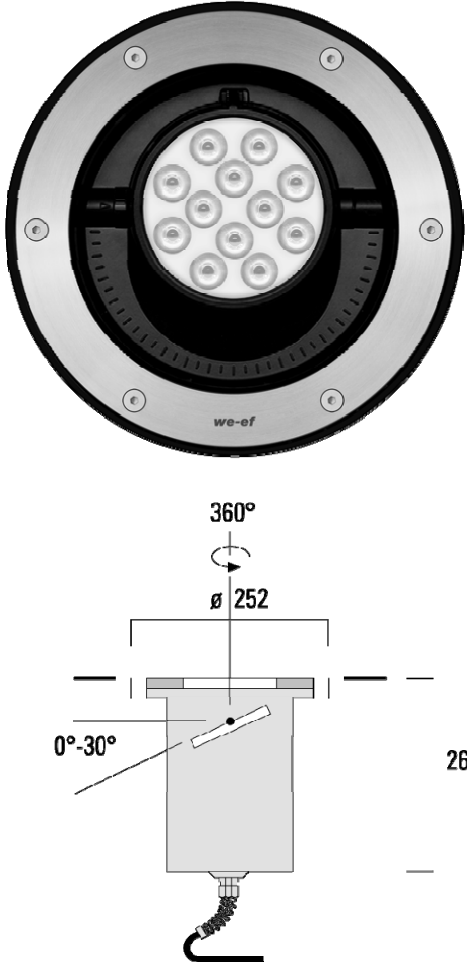
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<p>X17</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Guzzini Steve Hobbs – 07747 778 105 Lander Grey (15) Exterior Rooted IP66 10W, LED, ST1, side throw 3000K 80 Integral DALI 10W NA Switched 108lm/W No NA NA NA 220mm wide x 220mm high @ 4.3m FFFL X17E denotes emergency for egress to routes</p>	<p>334</p>  
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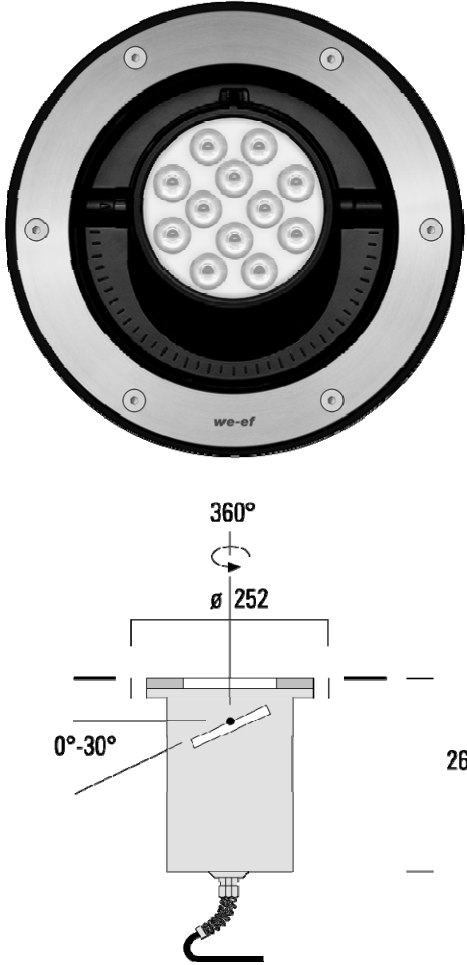
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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<p>X18</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>We-ef Rob Marsh – 07904 255457 ETC130 Stainless Steel Exterior – To trees Installation block-out IP67 21W, LED, Medium beam 3000K 80 Integral DALI 21W NA Switched 92lm/W No NA NA NA 252mm Dia</p>	<p>334</p> 
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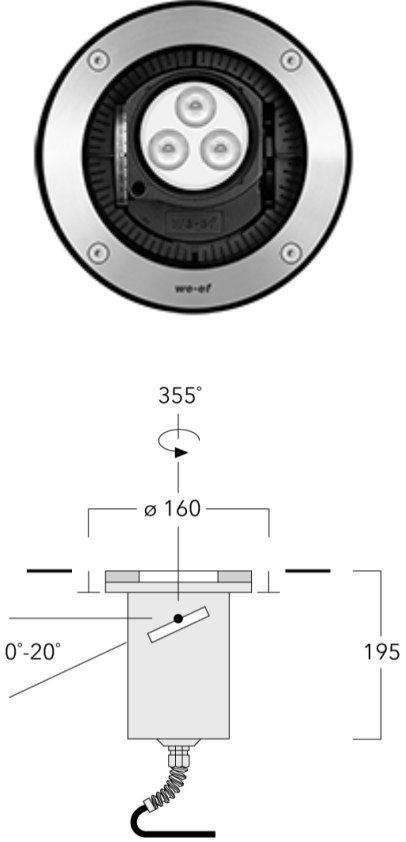
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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X19	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>We-ef Rob Marsh – 07904 255457 ETC130 Stainless Steel Exterior – To sculpture Installation block-out IP67 21W, LED, Medium beam 3000K 80 Integral 21W NA Switched 92lm/W No NA NA NA 252mm Dia Offset of luminaire to sculpture to be confirmed once sculpture details have been finalised.</p>	334	
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.


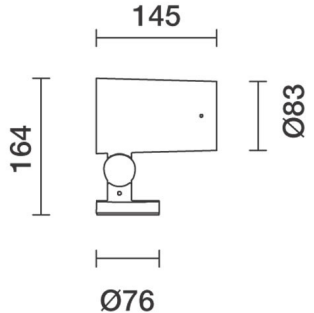
**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
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<p>X19A</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs): Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>We-ef Rob Marsh – 07904 255457 ETC120 Stainless Steel Exterior – To flag pole Installation block-out IP67 7.7W, LED, Very narrow beam 3000K 80 Integral 21W NA Switched 72lm/W No NA NA NA 252mm Dia Luminaire offset 300mm from flag pole</p>	<p>334</p> 
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.


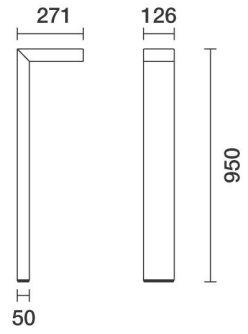
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<p>X20</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Guzzini Steve Hobbs – 07747 778 105 Palco InOut Grey (15) Exterior – Sign light Spike IP66 16W, LED, Medium beam 26° 3000K 80 Remote Switched 16W NA Switched 100lm/W No NA NA NA 145mm long x 83mm diameter</p>	<p>334</p>  
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
LUMINAIRE SCHEDULE
LUMINAIRE DATA SHEETS**

<p>X21</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Guzzini Steve Hobbs – 07747 778 105 Lander Grey (15) Exterior Rooted IP66 10W, LED, A60, forward throw 3000K 80 Integral DALI 10W NA Switched 105lm/W No NA NA NA 220mm wide x 220mm high @ 4.3m FFFL</p>	<p>334</p>  
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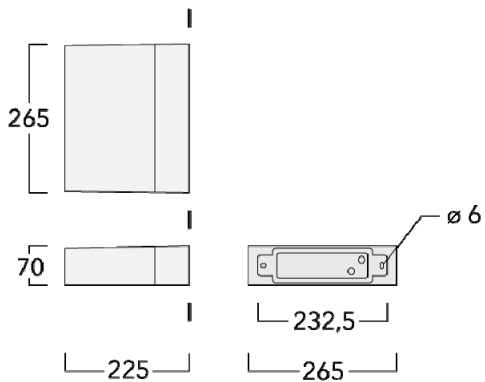
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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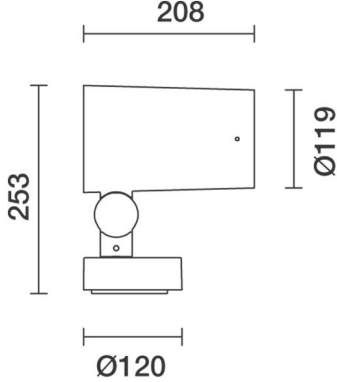
LUMINAIRE DATA SHEETS

X22	<p>Manufacturer: We-ef Contact: Rob Marsh – 07904 255457 Product Name: PLS 420 Product Description: Finish: Dark grey satin Location: Porte Cochere Mounting Type: Wall mounted IP Rating: IP66 Lamp Wattage (W): 21W, 1050mA Lamp Type: LED, asymmetric, 'forward throw' R60 Colour Temperature (K): 3000K Colour Rendering Index: 80 Control Gear Type: Integral DALI Total Power (W): 21W In-rush current (A, μs): NA Dimmable: DALI Performance: 61lm/W Emergency Facility: No Emergency Duration: NA Integral Emergency Ballast: NA Emergency LOR (%): NA Dimensions (mm): L x W x D 225mm wide x 70mm high Notes:</p>	 
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>X23</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Guzzini Steve Hobbs – 07747 778 105 Palco InOut Grey (15) Exterior – Sign light Surface IP66 24W, LED, Wide flood 46° 3000K 80 Integral DALI 24W NA DALI 78lm/W No NA NA NA 208mm long x 119mm diameter</p>	<p>334</p>  
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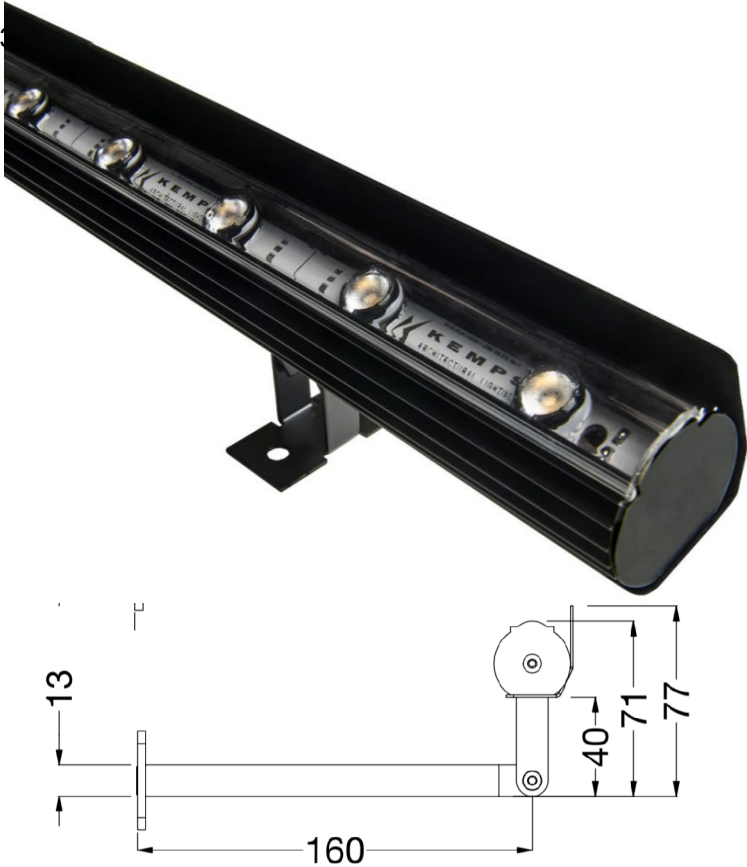
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>X24</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Kemps Architectural Lighting Nick Rockliff – 07841 464827 Zeta 100 with cowl Black Porte Cochere clock tower Surface with 160mm bracket IP66 20W/m LED, 15° beam angle 3000K 80 Remote DALI 20W/m NA DALI 78lm/W No NA NA NA 32mm diameter x 2000mm long Remote driver concealed within accessible location</p>	
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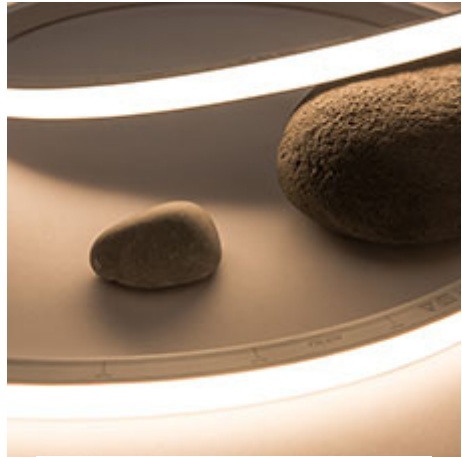
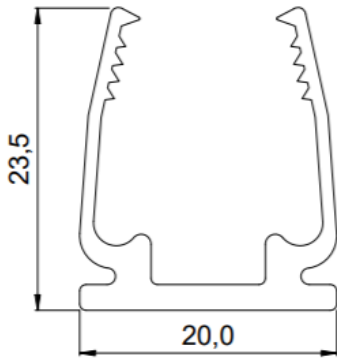
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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<p>X25</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Kemps Architectural Lighting Nick Rockliff – 07841 464827 Flexus 3 White Car Park Surface (to be concealed) IP68 15W/m LED, Diffused 3000K 80 Remote 15W/m NA Switched 78lm/W No NA NA NA 20mm wide Mounted within mounting profile To be integrated and concealed within bench and joinery detail. Remote driver concealed within accessible location</p>	<p>334</p>  
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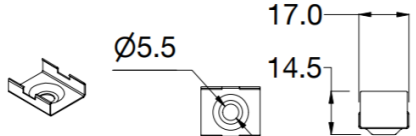
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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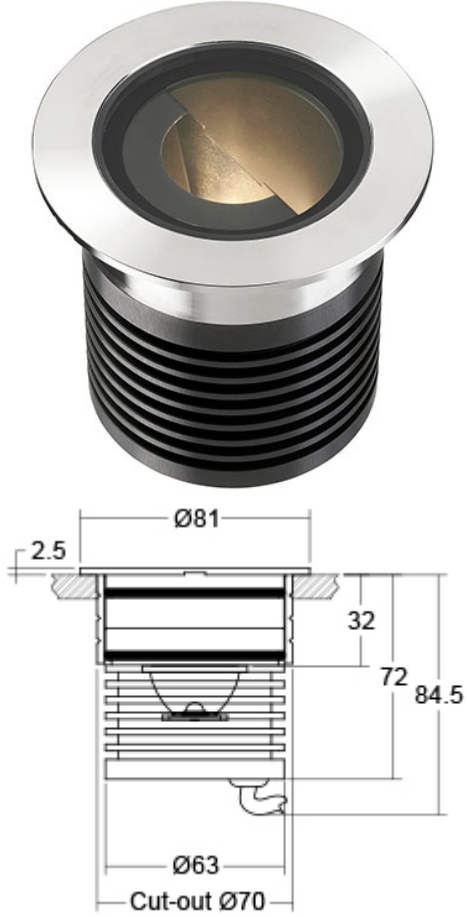
LUMINAIRE DATA SHEETS

<p>X26</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Kemps Architectural Lighting Nick Rockliff – 07841 464827 Proteus-R Aluminium FEC Exterior Surface (to be concealed) IP67 17W/m LED, Opal Diffused 3000K 80 Remote 17W/m NA Switched 132lm/W No NA NA NA 17mm wide x 14mm tall</p>	<p>334</p>  
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.


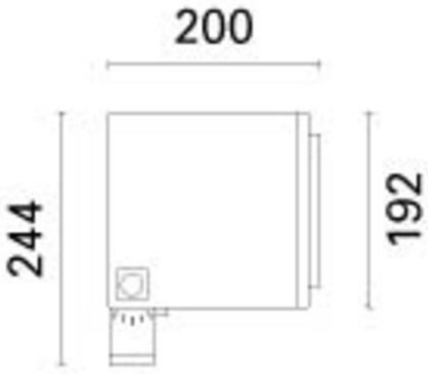
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<p>X28</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>LightGraphix Greg Russell – 07501 663 583 LD151 Stainless Steel Banquet Exterior Concrete housing IP67 8.4W, LED, Medium beam 2700K 85 Remote DALI 10W NA Dimmable 65lm/W No NA NA NA 81mm diameter, 85mm deep (luminaire dimensions) Concrete housing, 170mm diameter, 92mm deep Installation : To be offset 150mm from column by 150mm. Driver to be concealed in remote accessilbe location.</p>	<p>334</p> 
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
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<p>X29</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Guzzini Steve Hobbs – 07747 778 105 iPro 192 Grey (15) Exterior water slides Surface – Slide structure IP66 28W, LED, Spot 12° 3000K 80 DALI integral 31W NA Dimmable 105lm/W No NA NA NA 192mm width, 244mm height, 200mm deep Plus BZ88 Visor Mounted to slide support structure to illuminate slides. Dependant on installation detail, consider using multiple support bracket.</p>	<p>334</p>  
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

**GREAT WOLF LODGE
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<p>X30</p>	<p>Manufacturer: Contact: Product Name: Product Description: Finish: Location: Mounting Type: IP Rating: Lamp Wattage (W): Lamp Type: Colour Temperature (K): Colour Rendering Index: Control Gear Type: Total Power (W): In-rush current (A, μs) Dimmable: Performance: Emergency Facility: Emergency Duration: Integral Emergency Ballast: Emergency LOR (%): Dimensions (mm): L x W x D Notes:</p>	<p>Guzzini Steve Hobbs – 07747 778 105 Twilight Grey (15) Exterior, waterpark hot tub Pole top, 4000mm IP66 48W, LED, Asymmetric A60 3000K 80 DALI integral 52W NA DALI Dimmable 133lm/W No NA NA NA 460mm diameter, 76mm heigh, 4000mm pole Contractor to confirm appropriate pole installation dependant on site conditions.</p>	 <p>3</p> <p>76</p> <p>ø 460</p>
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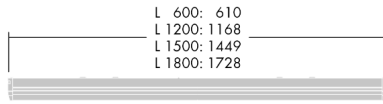
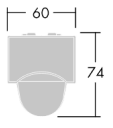
Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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LUMINAIRE SCHEDULE

LUMINAIRE DATA SHEETS

X31	<p>Manufacturer: THORN</p> <p>Contact: Tony Smith – 07971 382747</p> <p>Product Name: PopPack</p> <p>Product Description:</p> <p>Finish: Steel body painted white complete with opal acrylic optic</p> <p>Location: Bike Store</p> <p>Mounting Type: Recessed</p> <p>IP Rating: IP20</p> <p>Lamp Wattage (W): 36W</p> <p>Lamp Type: LED</p> <p>Colour Temperature (K): 4000</p> <p>Colour Rendering Index: 80</p> <p>Control Gear Type: Integral Electronic</p> <p>Total Power (W): 36W @ 0.95pf</p> <p>In-rush current (A, μs): NA</p> <p>Dimmable: No</p> <p>Performance: 136lm/W</p> <p>Emergency Facility: No</p> <p>Emergency Duration: NA</p> <p>Integral Emergency Ballast: NA</p> <p>Emergency LOR (%): NA</p> <p>Dimensions (mm): L x W x D 1168 x 60 x 74mm deep</p> <p>Notes: Complete with integrated sensor to provide automatic switching on presense detection.</p>	  
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Note: Product codes are for reference only and should be confirmed prior to order placement. Dimensions and technical details are for information only. Installation data should be obtained direct from manufacturer. Where a lighting control system is used, an allocation must be made for power and data cabling.

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