

Luna Cove  
Static White



Date: \_\_\_\_\_ Quantity: \_\_\_\_\_  
Company: \_\_\_\_\_  
Project: \_\_\_\_\_

Luna Cove is a sleek linear lighting solution for flawless indirect illumination. It features an integrated teeth bracket for precise, tiltable angle control. With a slim profile, IP65 wet-location rating, and simple AC line voltage, it ensures easy installation and consistent quality

FEATURES

- Precise tiltable angle adjustment
- High lumen efficiency output
- 2-Step MacAdam Ellipse
- IP65 wet location rated
- Simple AC line voltage

PERFORMANCE AND COMPLIANCE



QUICK PEC

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Color Temperature | 2700K, 3000K, 3500K, 4000K, 5000K               |
| Length            | 315mm [12.40"], 615mm [23.21"], 1215mm [47.83"] |
| Optics            | 90°x105°                                        |
| Power Consumption | 8W(315mm), 16W(615mm), 32W(1215mm)              |
| Voltage           | 220-240VAC 50/60Hz                              |
| Dimming           | ON/OFF, 0-10V, DALI                             |

LUMINAIRE PERFORMANCE

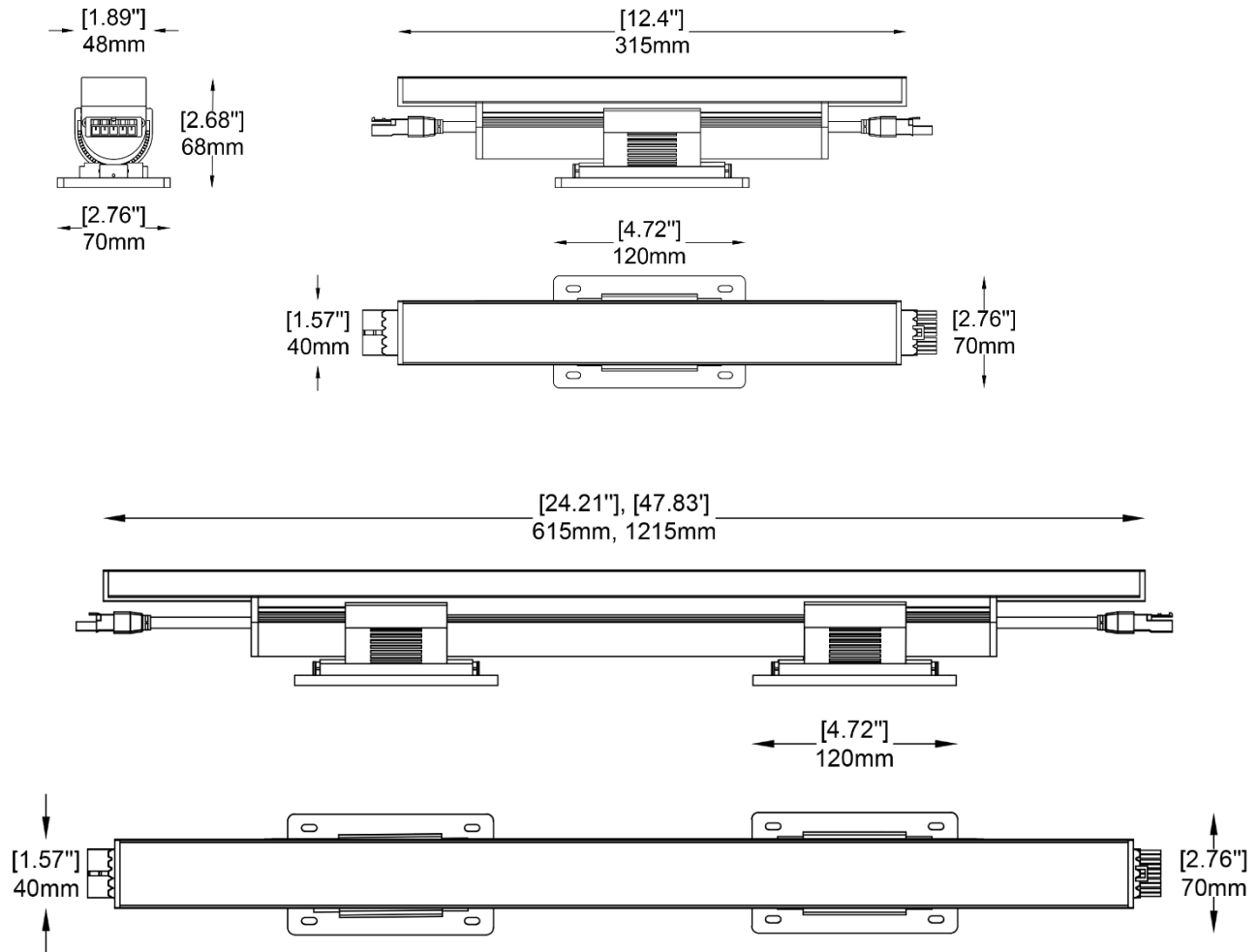
|                   |                                      |
|-------------------|--------------------------------------|
| Color Consistency | 2-Step MacAdam Ellipse               |
| Color Rendering   | CRI90                                |
| Lumen Maintenance | L70 >50,000hrs @ 25°C                |
| Delivered output  | >90 lumen per watt @3000K CCT, CRI80 |

**Note:**  
- The provided data for color temperature, lumen output, and power are typical values. Variations up to 10% may occur due to the fixture’s encapsulation, production tolerances, and component differences. For the most accurate and updated information, please consult the factory for the latest file.

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### DIMENSIONS



Specifications are subject to change due to updates and innovations. Check our website for the latest technical data. The information serves as an estimate and may differ by power supply and installation. All rights reserved.

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PHYSICAL

|                   |                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing Material  | 6063 high density extruded aluminium alloy                                                                                                                             |
| Mounting Bracket  | Injection-molded Polycarbonate (inherently grey)                                                                                                                       |
| Lens Material     | Optical grade PMMA                                                                                                                                                     |
| Surface Finishing | Powder coating available in <ul style="list-style-type: none"><li>- RAL9001 White</li><li>- RAL9006 Grey</li><li>- RAL9011 Black</li><li>- RAL9023 Dark Grey</li></ul> |

**Note:**  
The Luna Cove features a custom, tiltable bracket made from robust polycarbonate, presented in a standard grey finish. For large projects requiring specific color matching, custom options are available (subject to a minimum order quantity of 1500pcs).

ENVIRONMENT

|                           |               |
|---------------------------|---------------|
| Storage Temperature       | -30°C to 60°C |
| Operating Temperature     | -20°C to 50°C |
| Ingress Protection Rating | IP65          |

**Note:**  
The actual maximum daisy chain limit may vary based on the gauge of the leading cable and the specific installation conditions. The values provided are recommended guidelines and should be considered as such. Please ensure that all installations comply with local electrical codes and safety standards.

CABLE CORE COLOR CODING

| Cable                   | Function    | Core(EU)     | Wire Size          |
|-------------------------|-------------|--------------|--------------------|
| Power                   | L (live)    | Brown        | 1.3mm <sup>2</sup> |
|                         | N (Neutral) | Blue         | 1.3mm <sup>2</sup> |
|                         | GND (Earth) | Yellow/Green | 1.3mm <sup>2</sup> |
| Combined Power and Data | L (live)    | Brown        | 1.3mm <sup>2</sup> |
|                         | N (Neutral) | Blue         | 1.3mm <sup>2</sup> |
|                         | GND (Earth) | Yellow/Green | 1.3mm <sup>2</sup> |
|                         | DIM+        | Purple       | 0.3mm <sup>2</sup> |
|                         | DIM-        | Grey         | 0.3mm <sup>2</sup> |
|                         | N/A         | Yellow       | 0.3mm <sup>2</sup> |

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MAXIMUM DAISY CHAIN LIMITS

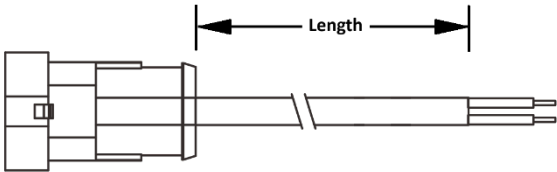
| Length | Power | Main Voltage | Max. power | Max. no. fixtures | Max. Cable Length (Leading + Interlink) |
|--------|-------|--------------|------------|-------------------|-----------------------------------------|
| 315mm  | 8W    | 220-240V     | 1980W      | 200 nos.          | 50 Meters                               |
| 615mm  | 16W   |              |            | 120 nos.          |                                         |
| 1215mm | 32W   |              |            | 60 nos.           |                                         |

CABLEING & CONNECTIVITY (Order Separately) ON OFF

Leading Cable

Function: Power Lead-in

ITEM: COVEACF-LENGTH-3pin

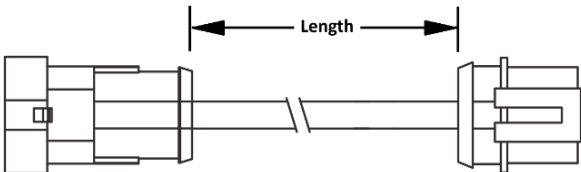


LENGTH: 300-300mm[0.98'], 2000-2000mm[6.56'], 6000-6000mm[19.66'], 15000-15000mm[49.21']

Interlink Cable

Function: Power Extension

ITEM: COVEACL-LENGTH-3pin

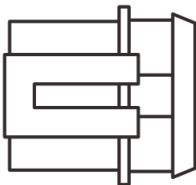


LENGTH: 300-300mm[0.98'], 2000-2000mm[6.56'], 6000-6000mm[19.66']

End Cap

Function: IP Rated End Cap

ITEM: COVENDCAP-AC-3PIN



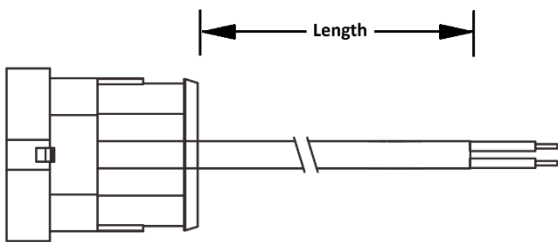
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CABLEING & CONNECTIVITY (Order Separately) 0-10V, DALI

Leading Cable

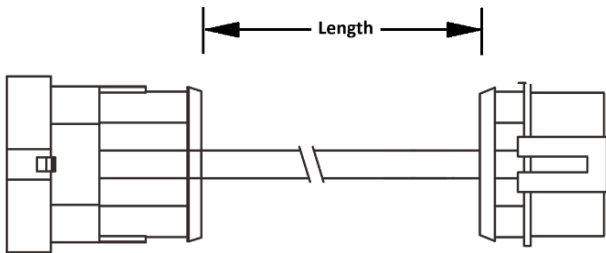
Function: Power and Data Combined Lead-in  
ITEM: COVEACF ACF-LENGTH-5pin



LENGTH: 300–300mm[0.98’], 2000–2000mm[6.56’],  
6000–6000mm[19.66’], 15000–15000mm[49.21’]

Interlink Cable

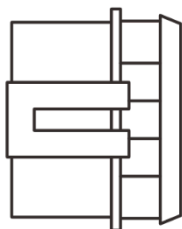
Function: Power Extension  
ITEM: COVEACL-LENGTH-5pin



LENGTH: 300–300mm[0.98’], 2000–2000mm[6.56’],  
6000–6000mm[19.66’]

End Cap

Function: IP Rated End Cap  
ITEM: ENDCAP-AC-5PIN



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PARTCODE BUILDER

EXAMPLE CODE: LCOVE.06.30.90105-010V-PW

| Series             | Length       | CCT         | Optic             | Control       | Finish          |
|--------------------|--------------|-------------|-------------------|---------------|-----------------|
| LCOVE<br>Luna Cove | 03<br>300mm  | 27<br>2700K | 90105<br>90°x105° | NA<br>ON/OFF  | PW<br>White     |
|                    | 06<br>600mm  | 30<br>3000K |                   | 010V<br>0-10V | PG<br>Grey      |
|                    | 12<br>1200mm | 35<br>3500K |                   | DALI<br>DALI  | DG<br>Dark Grey |
|                    |              | 40<br>4000K |                   |               | PB<br>Black     |
|                    |              | 50<br>5000K |                   |               |                 |

Remarks:

- Aluminum housing: Custom RAL colors available
- Polycarbonate bracket: Custom colors (1,500 pc MOQ)

Luminoscape regularly enhances its optics for ongoing product improvement. Luminoscape reserves the right to modify the optics without prior notice. For repeated or project orders requiring the same optic and control; kindly include the relevant Luminoscape invoice number (LS-INVxxxxx) in the purchase order.

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## Statement of Limited Warranty

### **Disclaimer of Warranty:**

Luminoscape products are tested and manufactured to meet the highest quality standards. We offer a limited warranty that covers defects in materials and workmanship for a period of 5 years from the date of purchase for standard products, and 3 years for inground and customized products. For customized products, please consult your sales representative for confirmation of warranty terms. The determination of whether a product is defective will be made by Luminoscape. Should any product be deemed defective in materials or workmanship, Luminoscape will, at its discretion, repair or replace the product at no charge. Luminoscape reserves the right to use similar, new, repaired, or remanufactured products or parts as part of this limited warranty process.

This warranty is expressly limited to the repair or replacement of the product. In no case shall the total remedy exceed the purchase price of the defective product. Luminoscape shall not be liable for any incidental or consequential damages arising from or related to the use of the products.

### **Warranty Period:**

Luminoscape provides a standard warranty of 5 years for our products. For inground and customized orders, the warranty period is 3 years. In exceptional cases, further details regarding the warranty period may be discussed with your sales representative.

### **Warranty Protection:**

This limited warranty does not apply where

- Products that have been improperly modified, adjusted, repaired or any alterations.
- Products that are damaged due to improper installation or connection not in accordance with the product wiring diagram.
- Products that have been improperly modified, adjusted, repaired or any alterations.
- Damage from any "Acts of God" includes floods, lightning, landslides, earthquakes, tornadoes, hurricanes and wildfires.
- Damage results from electrical power surges and spikes.
- Products used in an inappropriate environmental conditions (temperature, humidity, moisture, etc.) outside the normal specified range.
- Electrical power surges and spikes.
- Products are damaged due to chemical exposure or corrosion.
- Products have exceeded their operational lifespan as specified in the product documentation.
- Please consult your sales representative for any specific warranty questions or concerns.

*Remark: No distributor or supplier of Luminoscape has the authority to modify or amend this Limited Warranty. This warranty may not be transferred or assigned by the original end user.*