



CityMax Large Series

PRODUCT DESCRIPTION

CityMax Large combines a sleek contemporary design with exceptional technical performance. With the latest in high efficiency LED technology and glass optics we have created a highly efficient LED light engine system that delivers energy savings, low glare appearance and exceptional visual acuity.

PERFORMANCE SUMMARY

- Available with 6 optical distributions
- Lumen packages ranging from 20,000 to 40,000 lumens
- Colour temperature of 3000K or 4000K
- Weight: (with control gear) 18kg
- Windage 0.178m²
- Ta: -20°C to 50°C
- Warranty: 5 Year manufacturer's warranty

TYPICAL LUMINAIRE PERFORMANCE

| Configuration | Delivered Lumens | Power Consumption | Driver Current | Projected Life of LED Module (L70B50 @Tq 25°C)* |
|---------------|------------------|-------------------|----------------|---|
| BCL.1.LC20X | c.20,000 | 122W | 570mA | 100,000 hrs |
| BCL.1.LC25X | c.25,000 | 155W | 735mA | 100,000 hrs |
| BCL.1.LC30X | c.30,000 | 196W | 915mA | 100,000 hrs |
| BCL.1.LC35X | c.35,000 | 235W | 810mA | 100,000 hrs |
| BCL.1.LC40X | c.40,000 | 264W | 735mA | 100,000 hrs |

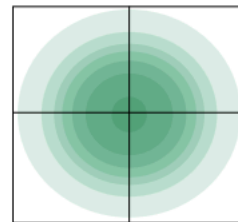
Note: Data is correct at time of print.

* For other life metric data in line with IEC PAS62722-2-1 and 62717 contact your HoloPhane Representative for details.

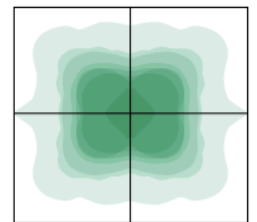


LIGHT DISTRIBUTION

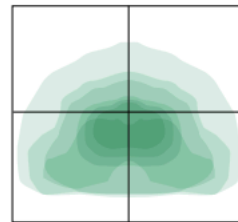
Symmetric (SY)



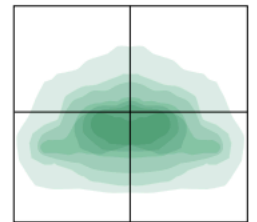
Square (SQ)



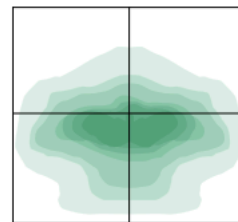
Forward Throw (FW)



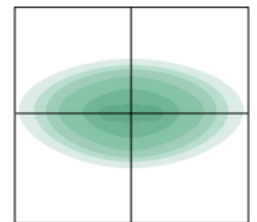
Asymmetric (AY)



Long & Narrow (NR)



High Beam Symmetric (HS)





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CityMax Large Series

ORDERING INFORMATION

| | | | | | | | | | | |
|-----------|--|-----|------|-----|----|------|-----|------|--------|-----------|
| Code | Luminaire (required) | | | | | | | | | |
| BCL | CityMax Large | | | | | | | | | |
| Code | Lamp Type (required) | | | | | | | | | |
| .LC204 | LED light engine producing c20,000lm with a nominal 4000K colour temperature, 70CRI | | | | | | | | | |
| .LC254 | LED light engine producing c25,000lm with a nominal 4000K colour temperature, 70CRI | | | | | | | | | |
| .LC304 | LED light engine producing c30,000lm with a nominal 4000K colour temperature, 70CRI | | | | | | | | | |
| .LC354 | LED light engine producing c35,000lm with a nominal 4000K colour temperature, 70CRI | | | | | | | | | |
| .LC404 | LED light engine producing c40,000lm with a nominal 4000K colour temperature, 70CRI | | | | | | | | | |
| .LC203 | LED light engine producing c20,000lm with a nominal 3000K colour temperature, 70CRI | | | | | | | | | |
| .LC253 | LED light engine producing c25,000lm with a nominal 3000K colour temperature, 70CRI | | | | | | | | | |
| .LC303 | LED light engine producing c30,000lm with a nominal 3000K colour temperature, 70CRI | | | | | | | | | |
| .LC353 | LED light engine producing c35,000lm with a nominal 3000K colour temperature, 70CRI | | | | | | | | | |
| .LC403 | LED light engine producing c40,000lm with a nominal 3000K colour temperature, 70CRI | | | | | | | | | |
| Code | Light Distribution (required) | | | | | | | | | |
| .SY | Symmetric distribution | | | | | | | | | |
| .FW | Forward Throw | | | | | | | | | |
| .AY | Asymmetric distribution | | | | | | | | | |
| .NR | Long & narrow | | | | | | | | | |
| .SQ | Square light distribution | | | | | | | | | |
| .HS | High beam symmetric distribution | | | | | | | | | |
| Code | Fixing Method (required) | | | | | | | | | |
| .CP1 | 76mm central post top mounting | | | | | | | | | |
| Code | Colour (required) | | | | | | | | | |
| .C1 | White (RAL9016) | | | | | | | | | |
| .C4 | Graphite | | | | | | | | | |
| .C6 | Grey | | | | | | | | | |
| .C7 | Black | | | | | | | | | |
| .C9 | Silver | | | | | | | | | |
| .RAL**** | RAL Colour (Customer choice) | | | | | | | | | |
| Code | Paint Finish (option) | | | | | | | | | |
| .C | Enhanced Paint Finish | | | | | | | | | |
| Code | Auxiliary Circuits (option) | | | | | | | | | |
| .CII | Class II | | | | | | | | | |
| Code | Photocell (option) | | | | | | | | | |
| .T1 | Complete with NEMA socket. (To accept standard NEMA Photocell, available from HoloPhane) | | | | | | | | | |
| .T5 | Complete with 5-pin dimming NEMA ANSI C136.41 socket (photocell/node supplied by others) without locking top. | | | | | | | | | |
| .T7 | Complete with 7-pin dimming NEMA ANSI C136.41 socket (photocell/node supplied by others) without locking top. | | | | | | | | | |
| .T5T | Complete with 5-pin dimming NEMA ANSI C136.41 socket (photocell/node supplied by others) with weather proof locking top | | | | | | | | | |
| .T7T | Complete with 7-pin dimming NEMA ANSI C136.41 socket (photocell/node supplied by others) with weather proof locking top | | | | | | | | | |
| .TSZA | Complete with miniature 55 lux factory fitted photocell. (Zodion Zhaga 4-pin) | | | | | | | | | |
| .TZ01 | Complete with 4-Pin Zhaga Socket - Top (suitable photocell/node supplied by others) with weather proof locking top* | | | | | | | | | |
| .TZ02 | Complete with 4-Pin Zhaga Socket – Bottom (suitable node/presence detector supplied by others) with weather proof locking top* | | | | | | | | | |
| Code | Dimming Outputs (option) | | | | | | | | | |
| .CL7 | Programmed to deliver 70% of the initial lumens over the life of the luminaire | | | | | | | | | |
| .CL8 | Programmed to deliver 80% of the initial lumens over the life of the luminaire | | | | | | | | | |
| .CI9 | Programmed to deliver 90% of the initial lumens over the life of the luminaire | | | | | | | | | |
| .CL**** | Customer specified programming | | | | | | | | | |
| Code | Control Gear (option) | | | | | | | | | |
| .LRD | DALI electronic gear | | | | | | | | | |
| .LRT56 | Pre-set to dim to 50% between 12am to 6am | | | | | | | | | |
| .LRT66 | Pre-set to dim to 60% between 12am to 6am | | | | | | | | | |
| .LRT76 | Pre-set to dim to 70% between 12am to 6am | | | | | | | | | |
| Code | Auxiliary Circuits (option) | | | | | | | | | |
| .C-PROTEC | 10kv surge protection | | | | | | | | | |
| BCL | .LA204 | .SY | .CP1 | .C1 | .C | .CII | .T5 | .CL7 | .LRT56 | .C-PROTEC |

Example

Note: Product is suitable for 76mm central post top mounting. For additional post top mounting option please see accessories available. * Not available with .LRD
 Lumen data is considered to be representative of the configuration shown, and may vary, with a tolerance on flux of +/- 7% (typical of LED manufacturers data) and luminaire power of +/-5%.
 For columns and brackets please visit <http://www.holophane.co.uk/products/columns-and-brackets/>

accessories

| | |
|-------------------|-----------------------|
| Code | |
| HEL.101.CP | 101mm to 76mm adapter |
| HEL.127.CP | 127mm to 76mm adapter |





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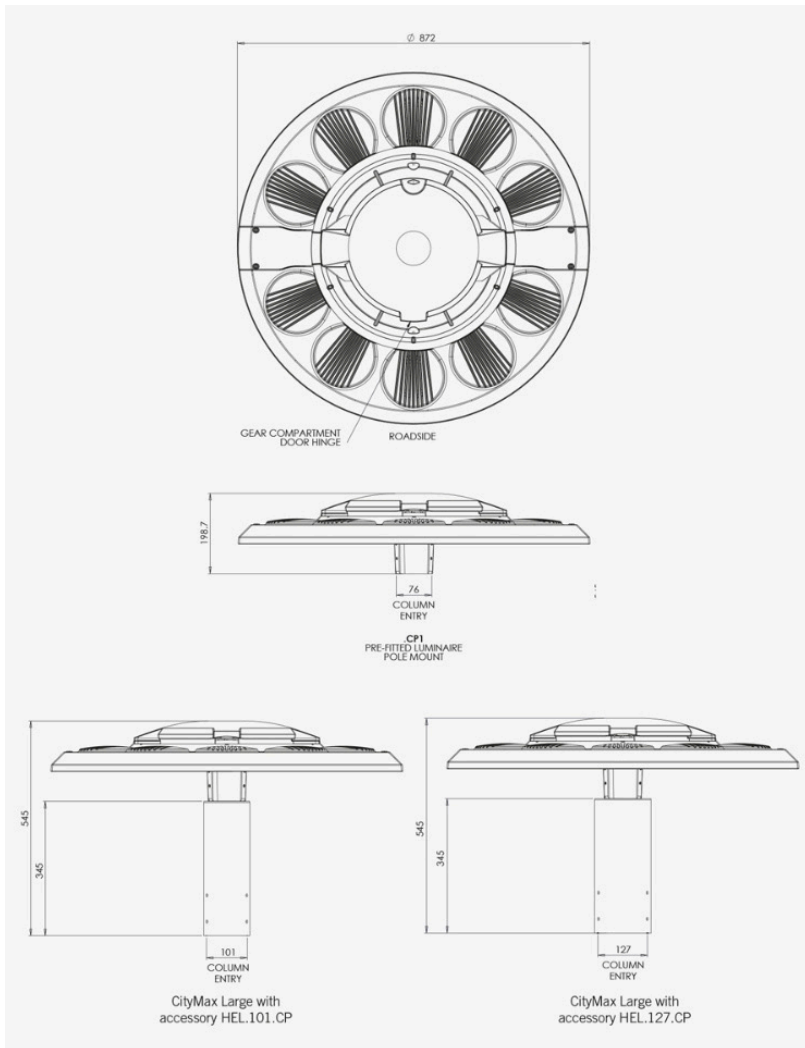
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SPECIFICATION

The luminaire shall consist of six, eight or ten prismatic glass refractors manufactured from borosilicate glass to ensure longevity and minimise dirt depreciation. Each glass lens houses an array of LEDs and creates individual optical pods. Each optical pod is housed in a ventilated chamber and finned housing manufactured from aluminium to maximise heat transfer.

The electrical housing consists of an aluminium body containing the drivers, electrical termination and has been developed to ensure 'smart' control devices can be integrated. The luminaire chassis and electrical housing utilises all three heat transfer mechanisms of conduction, convection and radiation to ensure that the LEDs and electronic drivers are thermally managed.

DIMENSIONS



FEATURES & BENEFITS

Thermally Managed Solution

Engineered to deliver exceptional thermal management via conduction and convection which ensures heat is taken away from the light engine to deliver a system life of 100,000 hours

Control

The inner housing contains the electronic drivers and 'smart' control nodes that deliver the complete controllable lighting solution. Access to the housing is tool-less allowing ease of access during installation and for maintenance in the future.

Prismatic Glass Pods

Available with either 6, 8 or 10 optical pods to deliver the desired distribution and lumen package. Recessed within the housing to mitigate upward light.

Mounting Options

Direct post top mount (76mm, 101mm* or 127mm*) ensures ease of retrofit to existing columns. Also available as part of a complete column and luminaire solution.

*Accessory required

19/01/2023

