



Date

City / Location

Project name

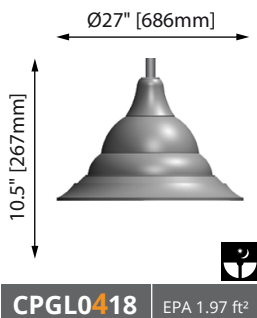
Type

QTY



Weight: 55lb - 25kg

- 3000K (30K) and 4000K (40K).
- 2 to 6 LED modules (60 to 200 watts).
- Light distribution available in type II, III, IV and V.
- Tool-less access.
- IP66.
- CSA / CSA-US certified.
- Dark sky compliant with lens #4 (flat lens).



CPGL0418

EPA 1.97 ft²

Ordering example: CPGL0418 36LED07 80W 40K L3FL 120 BK HSS

Luminaire

Adaptor

Source

CCT

Dist. type

Voltage

Color

Options

*Option available with **EKF** adaptor only



BTP

Button Type Photocell



HSS

House Side Shield



SGP10

Surge Protection (10kV)



SGP20

Surge Protection (20kV)



TRP*

NEMA 7-Pin Twist-Lock Photocell Receptacle (C/W photocell)



TRP7*

NEMA 7-Pin Twist-Lock Photocell Receptacle (C/W Shorting Cap)



RCD

Remote-Controlled Dimmer (Software NOT included)

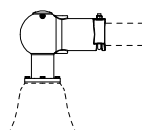


PRG

Programmable Driver (Consult Factory)

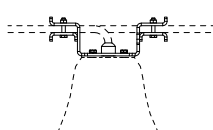
Adaptor Overview

Pendant adaptor for Ø2.375" (60mm) horizontal arms



EKF Adaptor

Catenary Wire Adaptor



FIL Adaptor

Lumca reserves the right to modify the elements on this technical data sheet without prior notice.

| Source Overview | Type II-III-V | | Type IV** | | CCT Overview | Voltage Overview | |
|-----------------|-----------------|-----------------|----------------|-----------------|--------------------------------|------------------|-------|
| | 530mA | 700mA | 530mA | 700mA | | | |
| | - 18 LED05 30W | - 18 LED07 40W | - 12 LED05 20W | - 12 LED07 27W | - 30K (3000K) | - 120 | - 347 |
| | - 36 LED05 60W | - 36 LED07 80W | - 24 LED05 40W | - 24 LED07 54W | - 40K (4000K) | - 208 | - 480 |
| | - 54 LED05 90W | - 54 LED07 120W | - 36 LED05 60W | - 36 LED07 80W | | - 240 | |
| | - 72 LED05 120W | | - 48 LED05 80W | - 48 LED07 107W | For other CCT, consult factory | - 277 | |

| Distribution Overview | Type II | Type III | Type IV** | Type V | COLOR Chart | IES files |
|-----------------------|---------|----------|-----------|--------|----------------------------|------------|
| | L2B | L3 | L3FL | L4 | See STD Color Chart Online | See Online |

CONSTRUCTION

One piece cast aluminium mounting arm adaptor sturdily fastened to the luminaire housing by the mean of four (4) 1/4-20 UNC stainless steel hexagonal bolts on a Ø3.188" [81mm] bolt circle. One piece extruded aluminium core topped with a heavy gauge spun aluminium hinged cover and an extruded aluminium lens frame containing the optical system. A silicon gasket insures the luminaire housing is protected from rain, insects and dust in accordance with international standard IP65. All cast aluminium pieces are in alloy 356, free of any porosity or foreign material. The minimum wall thickness of all castings is 0.188" [5mm]. Extruded aluminium parts are in alloy 6063-T4.

OPTICAL SYSTEM

The optical system consists of a flat, tempered glass lens, an aluminium heatsink dissipater and high intensity white light emitting diodes (LEDs) divided in 1 to 4 light modules. The optical system is hermetically sealed to meet the international standard IP66, to protect it against lumen depreciation due to dust or insect infiltrations, preserving an optimal light output over the years and eliminating periodic cleaning of the lens.

Lens Type details

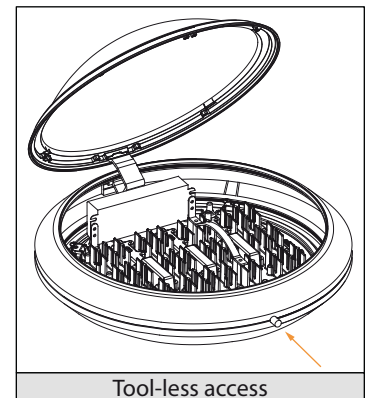
- #1 : Marine style lens, high impact resistant acrylic, prismatic.
- #2 : Conic style lens, high impact resistant acrylic, prismatic.
- #6 : Drop lens, high impact resistant acrylic, prismatic.
- #4 : Flat lens, tempered glass.

DRIVER

Constant current, -40°C [-40°F] to 80°C [176°F], PF 0.99, 0-10v, 120V to 277V / 347V to 480V.

Tool-less access

All hardware is in stainless steel



FINISH

Powder coating minimum thickness 100 microns, ASTM D2247 5000 hours salt spray test. All metallic parts are pre-treated using an environmentally friendly organic phosphating technology (PLAFORIZATION) before a polyester powder coating is electrostatically applied. The finish is of 100 microns minimal thickness and meets the ASTM B117 regulation related to salt spray and the ASTM D2247 regulation related to the resistance of the finishes exposed to a 100% relative humidity. RAL and Custom colour matches available.

Lumca reserves the right to modify the elements on this technical data sheet without prior notice.

CONCEPT Codification

FAMILY

CP  Ø21" (533mm)

CPG  Ø27" (686mm)

CP(G) X X X X X

PENDANT FITTER



L = Pendant Concept



F = Pendant Concept



M = Pendant Concept



*R = Pendant Concept

**Only with #62-65-67 hood*

CAGE / GUARD

Pendant



4



6

Post-top



2



3



6

Post-top (Yoke)



7



8



9

NO CAGE

0

LENS



1



2



6




Flat lens

7



EXAMPLES



CP0701 



CPL0206



CPL6101



CP6119



CP7215



CPL4608

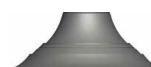
HOOD STYLE (examples)



01



04



05



06



12



15



20



23

and many more

Lumca reserves the right to modify the elements on this technical data sheet without prior notice.