

# CONCEPT FAMILY CPL6105

Dark Sky with lens #4

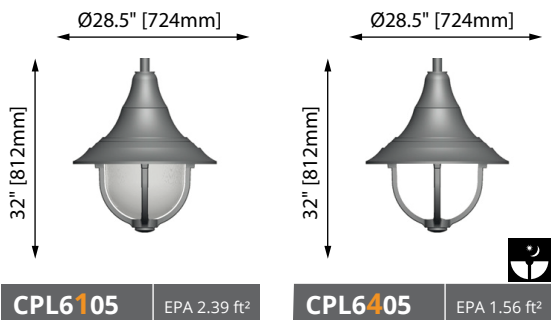


Date	City / Location	Project name
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Type	QTY	
<input type="text"/>	<input type="text"/>	



Weight : 30.4lb - 13.8 kg

- 3000K (30K) and 4000K (40K).
- 1 to 4 LED modules (30 to 120 watts).
- Light distribution available in type I, II, III, IV and V.
- Tool-less access.
- IP66.
- UL compliant.
- Dark sky compliant with lens #4 (flat lens).



## Ordering example: CPL6105 36LED07 80W 40K L3FL 120 BK HSS

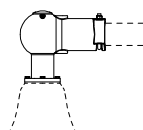
Luminaire	Adaptor	Source	CCT	Dist. type	Voltage	Color
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Options** *\*Option available with EKF adaptor only*

<input type="checkbox"/> <b>BTP</b> Button Type Photocell	<input type="checkbox"/> <b>HSS</b> House Side Shield	<input type="checkbox"/> <b>SGP10</b> Surge Protection (10kV)	<input type="checkbox"/> <b>SGP20</b> Surge Protection (20kV)
<input type="checkbox"/> <b>TRP*</b> NEMA 7-Pin Twist-Lock Photocell Receptacle (C/W photocell)	<input type="checkbox"/> <b>TRP7*</b> NEMA 7-Pin Twist-Lock Photocell Receptacle (C/W Shorting Cap)	<input type="checkbox"/> <b>RCD</b> Remote-Controlled Dimmer (Software NOT included)	<input type="checkbox"/> <b>PRG</b> Programmable Driver (Consult Factory)

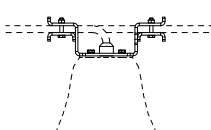
### Adaptor Overview

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



**EKF Adaptor**

Catenary Wire Adaptor








**FIL Adaptor**

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Source Overview	Type I-II-III-V		Type IV**		CCT Overview	Voltage Overview	
	<b>530mA</b>	<b>700mA</b>	<b>530mA</b>	<b>700mA</b>			
	- 18LED 05 30W	- 18LED 07 40W	- 12 LED 05 20W	- 12 LED 07 27W	- 30K (3000K)	- 120	- 347
	- 36LED 05 60W	- 36LED 07 80W	- 24 LED 05 40W	- 24 LED 07 54W	- 40K (4000K)	- 208	- 480
	- 54LED 05 90W	- 54LED 07 120W	- 36 LED 05 60W	- 36 LED 07 80W		- 240	
			- 48 LED 05 80W	- 48 LED 07 107W	For other CCT, consult factory	- 277	

Distribution Overview	Type I	Type II	Type III	Type IV*	Type V	COLOR Chart	IES files
	L1	L2B	L3	L3FL	L4		
							

### 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 ensure 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

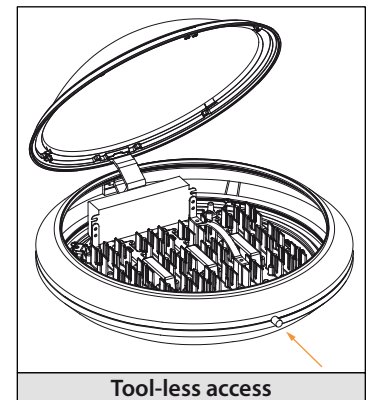
- #1 : Marine style lens, high impact resistant acrylic, prismatic.
- #2 : Conic style lens, high impact resistant acrylic, prismatic.
- #6 : Drop lens, high impact resistant acrylic, prismatic.
- #4 : Flat lens, tempered glass.

### 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.

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# CONCEPT Codification

FAMILY

CP  Ø21" (533mm)  
 CPG  Ø27" (686mm)

CP(G) X X X X X

## PENDANT FITTER

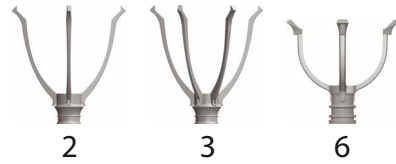
-  L = Pendant Concept
-  F = Pendant Concept
-  M = Pendant Concept
-  \*R = Pendant Concept  
\*Only with #62-65-67 hood

## CAGE / GUARD

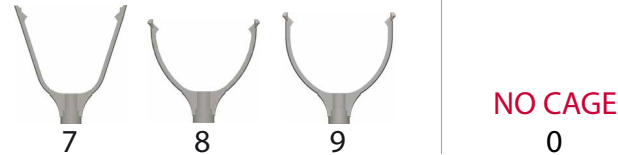
### Pendant



### Post-top



### Post-top (Yoke)



## LENS



## HOOD STYLE (examples)

-  01
-  04
-  05
-  06
-  12
-  15
-  20
-  23  
and many more

## EXAMPLES



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