

360All for One Design

With one design, it gives solution for all your needs in public illumination, industrial illumination and commercial illumination, simply by changing different mountings for street light, tunnel light, canopy, high bay light, park light and flood light!

Superior Performance

Ultra-bright Bridgelux chip is used for single LED, with efficiency up to 130lm/w
Match with high Efficiency driver up to 94%, pfc >0.9

Together with the special designed thermal management, achieve superior system efficiency up to 105 lm/w.

Reliable Quality Assurance

Aluminum housing and high heat conductive alloy modular bar in a special designed air flow thermal management system with built in protection for short circuit / overload/ over voltage / over temperature
Backed up 5-5-10 years warranty!

Dragon Series STREET LIGHT CLD - 1016

TYPICAL REPLACEMENT:

400W HPS - 100W
400W HID - 120W
150W COB - 100W

Model Numbers

Ordering Information Example CLD -1016 - 2B - 40w- 60k- BAT Shape-MVOLT

Modular	System Power	Color ¹	Distribution	Voltage	Options
2 Bar	40W	6000K	BAT I	MVOLT ²	48mm arm
	60W		BAT 360		
3 Bar	60W	3000K	BAT Shape	277v ³	Dimming ⁶
	100W			347v ⁴	
4 Bar	80W		Rack B	480v ⁴	Timer ⁷
	120W			12/24vDC ⁵	
5 Bar	100W		170D		Photocell
	150W		80D		
6 Bar	120W		40D		Motion Sensor ⁸
	200W		20D		
7 Bar	150W				Dark Gray
	250W				

NOTES:

- DLC certified products vary per wattage and color. Consult CooLED for clarification.
- MVOLT is standard, operates at 90-264v 50/60Hz.
- 277v operates at 90-305v 50/60Hz.
- 347v or 480v only available at 80w, 100w, 120w, 150w and 200w.
- 12/24v DC only available in 80w or below. Contact CooLED for others.
- Built-in dimming function (1-10v DC, PWM signal or resistance)
- Contact CooLED for details on Timer or Dimming.
- 2 in 1 motion sensor available for indoor application only. Maximum 150w.



Dragon Series - CLD 1016 STREET LIGHT

Main Technical Parameters

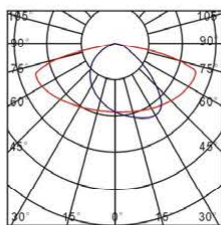
Modular	Number of LEDs	System Power	6000K System Lumen	L70 Life * (hours)	X Dimension	Net Weight
2 Bar	40	40W	4200 lm	>50000	272mm (10.7")	8.4kg
		60W	5700 lm			8.6kg
3 Bar	60	60W	6300 lm	>50000	343mm (13.5")	9.4kg
		100W	9500 lm			9.8kg
4 Bar	80	80W	8400 lm	>50000	414mm (16.3")	10.6kg
		120W	11400 lm			11kg
5 Bar	100	100W	10500 lm	>50000	485mm (19.1")	12kg
		150W	14250 lm			12.5kg
6 Bar	120	120W	12600 lm	>50000	556mm (21.9")	13.2kg
		200W	19000 lm			13.7kg
7 Bar	140	150W	15750 lm	>50000	627mm (24.7")	14.5kg
		250W	23750 lm			16kg

*Based on LM80 and Projected Per IESNA TM-21-11

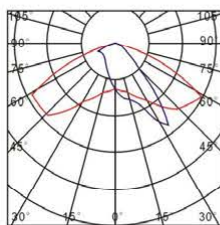
Color Temperature	Lumen Multiplier	CRI
6000K	1.00	70
4500K	0.90	75
3000K	0.81	70

Distribution	Lumen Multiplier
BAT I	1.00
BAT 360	1.00
BAT Shape	1.00
170D	0.98
80D	0.96
RackB	0.93
40D	0.90
20D	0.90

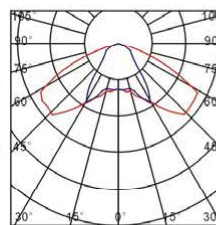
Light Distribution



This light distribution is specially design for side walks or 1.2 lane road. Also known as Type I distribution. The symmetrical light distribution enables long and narrow areas cover even if the light is placed at side of the pathway/road.



We call this Bat 360, as this distribution is upgraded from traditional bat shape. We build in another extra wing onto it, enable for the light to produce the perfect distribution for street light application - 3 front: 6 side : 0 back



Standard bat shape distribution, perfect for road or tunnels where the light being installed in the center. Provide lighting in the back of the lamp for side walks or roads.

Bat I

Bat 360

Bat Shape

Housing Painting Colors

