

IO-Series  
Area LED Lighting  
DESIGN-FUNCTION-QUALITY

Crystal Lighting Corp.



**IO Series** LED Area Fixture, Low Profile, External and Dedicated Heat Sink designed to provide the best thermal dissipation. Optical System Designed for architectural building, School Campuses, Storage Areas, Parking Lots, Recreational Parks. **IO** LED Luminaire has a wide Light Distribution.

#### Warranty:

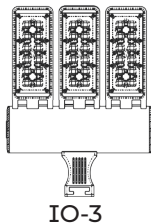
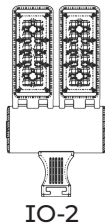
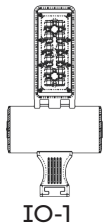
-10 year/100,000 hour Limited Warranty.

#### Features:

- Energy Savings: Over 66% compared to HID light sources.
- Improved Lumen Maintenance.
- Utilizes High efficient Lumiled LED's.
- Operating Temperatures: -30°C ~ 60°C.
- Driver: 120-277V (MV) or 480V (HV) (Optional).
- IP65 / IP67 Rated.
- 0-10 Dimming Driver, Occupancy Sensors, Photo Cell or Wireless Controls (Optional)

#### Construction:

- Corrosion-Resistant Aluminum Housing
- 3 Mil Powder Coat Finish.
- CL-Optical System (Standard)
- Silicone Gasket to provide Weather-Tight Protection (IP66).
- Mounting: Over of a 4" or 5" Round or Square Pole (Other Options: Slip Fitter or Swivel Bracket)

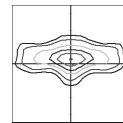


IO-1

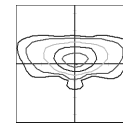
IO-2

IO-3

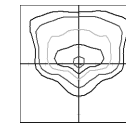
#### Optic Distribution.



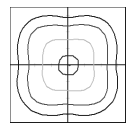
Type 2 (T2)



Type 3 (T3)



Type 4 (T4)



Type 5 (T5)



PHILIPS  
LUMILEDS

POWDER  
COATED  
TOUGH

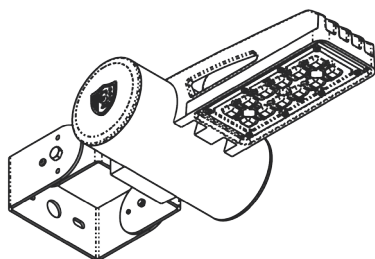
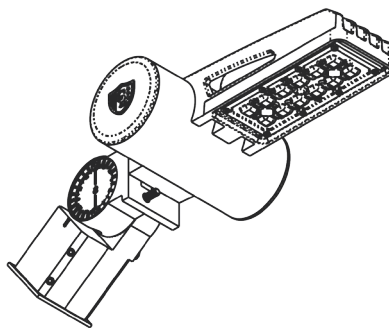
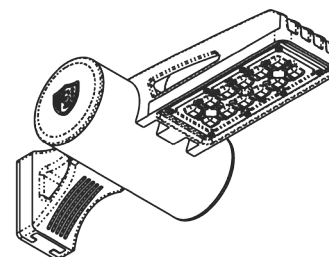
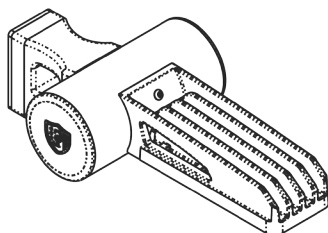
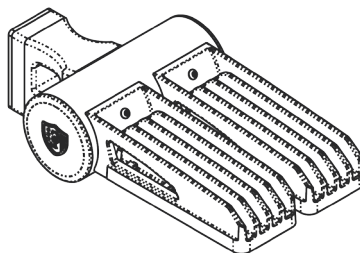
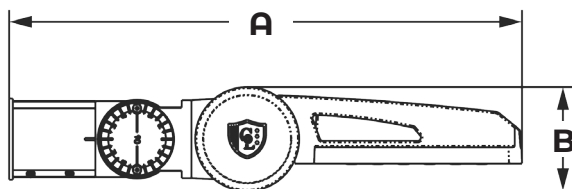
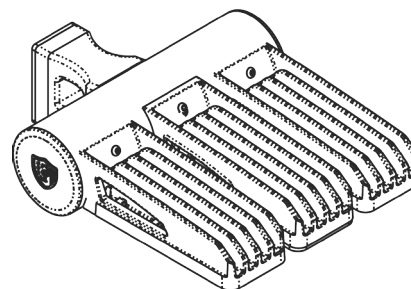
Wireless Controls  
Available

NEMA



Example: IO1-50CLED-T2-40K-MV-BRZ-AM-OCC

IO							
Cat #	Wattage	Light Dist.	Color Temp.	Voltage	Color	Mounting	Options
IO-1 (IO1)	20W (20CLED)	Type 2 (T2)	3000K (30K)	120-277V (MV)	Black (BLK)	Arm Mount (AM)	Occupancy Sensor (OCC)
	40W (40CLED)	Type 3 (T3)	4000K (40K)	480V (HV)	White (WH)	Slip Fitter (SF)	Button Photo Cell (PC)
	60W (60CLED)	Type 4 (T4)	5000K (50K)		Bronze (BRZ)	Swivel Bracket (SB)	Wireless controls (WC)
	-----	Type 5 (T5)			Silver (SIL)		House Side Shield (HSS)
	80W (80CLED)				Graphite (GPH)		
IO-2 (IO2)	100W (100CLED)				Marine Grade (MG)		
	120W (120CLED)						
IO-3 (IO3)	-----						
	140W (140CLED)						
	160W (160CLED)						
	180W (180CLED)						

**Mounting Option**Swivel BracketSlip FitterArm Mount**IO- Modules**IO-1IO-2IO-3**IO-Dimensions**

Cat#	A	B	EPA
IO-AM	16" 3/8	4"	0.3
IO-SB	19" 3/4	4"	0.32
IO-SF	18"	4"	0.37

Cat #	Input Power	Lumen Output	LPW	Color Temp. (CCT)	CRI	Rated Life (L70)	Input Voltage	HID Equivalent	HID Equivalent
IO-1-20CLED	25W	3,120	156	5000K	70+	>200,000	120-277V	50/60HZ	100W MH
IO-1-40CLED	45W	5,475	136	5000K	70+	>200,000	120-277V	50/60HZ	150W MH
IO-1-60CLED	65W	8,784	146	5000K	70+	>200,000	120-277V	50/60HZ	175W MH
IO-2-80CLED	85W	10,841	135	5000K	70+	>200,000	120-277V	50/60HZ	175W MH
IO-2-100CLED	105W	12,997	129	5000K	70+	>200,000	120-277V	50/60HZ	250W MH
IO-2-120CLED	125W	17568	140	5000K	70+	>200,000	120-277V	50/60HZ	400W PSMH
IO-3-140CLED	145W	21785	155	5000K	70+	>200,000	120-277V	50/60HZ	400W HPS
IO-3-160CLED	165W	22773	142	5000K	70+	>200,000	120-277V	50/60HZ	400W HPS
IO-3-180CLED	180W	26250	145	5000K	70+	>200,000	120-277V	50/60HZ	750MH

Proudly Manufactured and Assembled in the USA