



Project	
Type	
Date	
Notes	

Incoplas® LED Hybrid™

The Incoplas® LED Hybrid™ fixture is a multi-purpose LED lighting solution™ that can be used as an area light, flood or wall pack. Composed entirely of graphite infused thermally conductive engineered polymers and high-impact polycarbonate, this fixture is specifically designed to withstand moisture, dust, chemicals, salt spray and harsh environments in applications where exposure is detrimental to the life of the fixture. The Incoplas® LED Hybrid™ fixture replaces 100W & 250W metal halide lamps as well as T5 & T8 fixtures.

Housing Construction

The fixture housing is composed of engineered plastics made from a variety of outdoor rated polycarbonate resins. The unique feature of the housing is that it is made of a specially compounded thermally conductive polycarbonate resin. This allows for excellent heat transfer and heat management of the LED junction temperature and replaces the typical aluminum housing which has coatings that are highly receptive to corrosion and degradation.

Specifications

- Dimming: 0-10V (*Standard units only*)
- Lens: Clear or Frosted Polycarbonate
- Laminated Glass Lens Optional
- Weight: 7.5 pounds
- Efficacy: 124 LPW (Standard), 176 LPW (High Ambient), 165 LPW (High Lumen)
- Operating Temp: -30°C to 50°C or -40°C to 65°C depending on fixture
- Dimensions: 13" wide, 5.6" tall, 10.25" deep
- Warranty: 5 year limited warranty

Applications

Marine Facilities, Industrial Facilities, Airports, Food Processing Plants, Cold Storage/Refrigeration, Wash Down Areas, Construction Sites, Tunnels, Livestock Farming, Wastewater Treatment Plants, Natatoriums, and many other harsh environments

Beam Angles – Standard fixtures have all options. High Lumen and/or High Ambient only use 113° & 116° options.



Mounting Options

Flood: 02=SS 06=Black 	Pendant: PD/26 	Surface: 00 	Trunnion Surface: 04=SS WN 08=Black 	Adjustable Wall Pack: 02=SS WN 06=Black 	Adjustable Stanchion* SP/27 or SP/29 Options for 1.5" & 2" Pipe
Lid Flood: 04=SS 08=Black 	Wall Pack: WP/16 	Slip Fitter: SF/25 			





Wattage	Fixture	CCT	Mount	Optics	Voltage	Controls	Whip/Safety Cable	Access.	Access.	Build	Rev
	HY										01
STANDARD OPTIONS: 45W -30°C to 50°C Ambient Temperatures, 90W -30°C to 45°C Ambient Temperatures											
045 = 45W	HY = Hybrid	40 = 4000K	ST = Area	FR = Frosted, NEMA 7x7 Beam: 116° 45W: 5100 Lm 90W: 10,150 Lm	VL = 120-277V	N = None		00 = None	00 = None	00 = Surface	
			FL = Flood	CL = Clear, NEMA 7x7 Beam: 113° 45W: 5550 Lm 90W: 10,700 Lm						01 = SS Bracket, Not installed	
				LG = Laminated Glass, NEMA 7x7 Beam: 113° 45W: 5700 Lm 90W: 11,000 Lm						02 = SS Bracket, Rear	
090 = 90W		50 = 5000K	WN = NSF Wall Pack	44 = Clear, NEMA 4x4 Beam: 28° 45W: 5700 Lm 90W: 11,100 Lm			65 = 6' Whip & Safety	01 = 5-20P	OB = Oval Optic Beam FWHM = 27.0° + 112.0° (*only available on Standard Options)	04 = SS Bracket, Lid	
				33 = Clear, NEMA 3x3 Beam: 17° 45W: 5700 Lm 90W: 11,100 Lm				02 = 5-15P		05 = Black Bracket, Not installed	
			WP = Non-NSF Wall Pack	22 = Clear, NEMA 3x3 Beam: 15° 45W: 5700 Lm 90W: 11,100 Lm						06 = Black Bracket, Rear	
HIGH AMBIENT OPTIONS: -40°C to 65°C Ambient Temperature											
030 = 30W	HY = Hybrid	50 = 5000K	ST = Area	FR = Frosted, NEMA 7x7 Beam: 116° 30W: 4900 Lm 60W: 9400 Lm	VH = 347-380V 50°C Ambient			13 = 13' 16 Ga Whip & Safety	03 = L6-20P	SF = Slip Fitter	10 = Whip Rear
			FL = Flood	CL = Clear, NEMA 7x7 Beam: 113° 30W: 5300 Lm 60W: 10,600 Lm							11 = Whip Lid
			WN = NSF Wall Pack	LG = Laminated Glass, NEMA 7x7 Beam: 113° 30W: 5450 Lm 60W: 10,900 Lm							16 = Non-NSF Wall Pack
			WP = Non-NSF Wall Pack								25 = Slip Fitter (Fits 2" Pipe)
060 = 60W											
HIGH LUMEN OPTIONS: -40°C to 50°C Ambient Temperature											
048 = 48W	HY = Hybrid	50 = 5000K	ST = Area	FR = Frosted, NEMA 7x7 Beam: 116° 48W: 7500 Lm 95W: 14,000 Lm	VL = 120-277V			15 = 15' 16 Ga Whip & Safety	05 = L8-20P		26 = 3/4" SS Pendant, Lid
			FL = Flood	CL = Clear, NEMA 7x7 Beam: 113° 48W: 8000 Lm 95W: 15,600 Lm							27 = SS Rotating Stanchion, Rear (Fits 2" Pipe)*
			WN = NSF Wall Pack	LG = Laminated Glass, NEMA 7x7 Beam: 113° 48W: 8200 Lm 95W: 16,000 Lm							28 = 3/4" SS Adapter, Rear
			WP = Non-NSF Wall Pack								29 = SS Rotating Stanchion, Rear (Fits 1.5" Pipe)*
095 = 95W								WC = Wall Pack Cover	SP = Stanchion		