



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. Made 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 LED Hybrid™ fixture replaces 100W & 250W metal halide lamps as well as T5 & T8 fixtures.



Manufactured in America with globally and domestically sourced components



Ordering Chart Information

Example: 045-HY-40-ST-FR-VL-N-0S-00-PD-02-01

Wattage	Fixture	CCT	Mount	Optics	Voltage	Controls	Whip/Safety Cable						
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 ¹	VL 120-277V	N None	0S No Whip, Safety only		
090	90W		50	5000K	FL	Flood	CL	Clear ²					
					WN	NSF Wall Pack	LG	Laminated Glass ³					
					WP	Non-NSF Wall Pack	44	Clear ⁴					
							33	Clear ⁵					
			22	Clear ⁶									
EXTREME AMBIENT OPTION: -40°C to 65°C Ambient Temperature. Note: Only the 030 and 060 are 65C rated								VH 347-380V 50°C Ambient		P Photocell	10 10' 12 Ga Whip & Safety		
030	30W		HY Hybrid	40 4000K	ST	Area	FR				Frosted ⁷		
060	60W				FL	Flood	CL				Clear ⁸		
		WN			NSF Wall Pack	LG	Laminated Glass ⁹						
		WP	Non-NSF Wall Pack										
HIGH LUMEN OPTIONS: -40°C to 50°C Ambient Temperature								VL 120-277V			13 13' 16 Ga Whip & Safety		
048	48W	HY Hybrid	40 4000K	ST	Area	FR	Frosted ¹⁰						
095	95W			FL	Flood	CL	Clear ¹¹						
				WN	NSF Wall Pack	LG	Laminated Glass ¹²						
		WP	Non-NSF Wall Pack										
Notes:													
1. NEMA 7x7 Beam: 116° 45W: 5100 Lm 90W: 10,150 Lm 2. NEMRA 7x7 Beam: 113° 45W: 5550 Lm 90W: 10,700 Lm 3. NEMRA 7x7 Beam: 113° 45W: 5700 Lm 90W: 11,000 Lm 4. NEMRA 4x4 Beam: 28° 45W: 5700 Lm 90W: 11,100 Lm 5. NEMRA 3x3 Beam: 17° 45W: 5700 Lm 90W: 11,100 Lm 6. NEMRA 3x3 Beam: 15° 45W: 5700 Lm 90W: 11,100 Lm								7. NEMA 7x7 Beam: 116° 30W: 4380 Lm 60W: 8403 Lm 8. NEMRA 7x7 Beam: 113° 30W: 4738 Lm 60W: 9,476 Lm 9. NEMRA 7x7 Beam: 113° 30W: 4872 Lm 60W: 9,745 Lm 10. NEMA 7x7 Beam: 116° 48W: 6705 Lm 95W: 12,516 Lm 11. NEMRA 7x7 Beam: 113° 48W: 7152 Lm 95W: 13,946 Lm 12. NEMRA 7x7 Beam: 113° 48W: 7330 Lm 95W: 14,300 Lm					

SEE PAGE 2 FOR CONTINUED CHART

Ordering Chart Continued

Accessory 1		Accessory 2		Build		Rev
00	None	00	None	00	Surface	01
01	5-20P	OB	Oval Optic Beam FWHM = 27.0° + 112.0° ¹³	01	SS Bracket (<i>Not installed</i>)	
02	5-15P	SF	Slip Fitter	02	SS Bracket, Rear	
03	L6-20P	PD	Pendant	04	SS Bracket, Lid	
04	L6-15P	SP	Stanchion	05	Black Bracket (<i>Not installed</i>)	
05	L8-20P			06	Bracket (<i>Not installed</i>)	
WC	Wall Pack Cover			08	Black Bracket, Lid	
				10	Whip Rear	
				11	Whip Lid	
				16	Non-NSF Wall Pack	
				25	Slip Fitter (<i>Fits 2" Pipe</i>)	
				26	3/4" SS Pendant, Lid	
				27	SS Rotating Stanchion, Rear (<i>Fits 2" Pipe</i>)	
				28	3/4" SS Adapter, Rear	
				29	SS Rotating Stanchion, Rear (<i>Fits 1.5" Pipe</i>)	
				Notes: 13. Only available on Standard Options		

For accessories not shown or custom plates, please contact customer service at (800) 223-0853.

Specifications

Dimming: 0-10V (*Standard units only*)

Lens: Clear or Frosted Polycarbonate

Laminated Glass Lens: Optional

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

Weight: 7.5 lbs

Efficacy: 124 LPW (*Standard*), 176 LPW (*High Ambient*), 165 LPW (*High Lumen*)

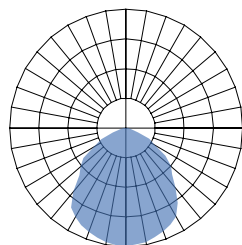
Operating Temp: -30°C to 50°C or -40°C to 65°C depending on fixture

Dimensions: 13" (L) x 10.25 (W) x 5.6" (H)

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

Warranty: 5-year limited warranty. Complete warranty terms located [here](#)

Photometric Data

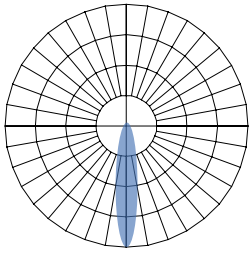


Indoor Report

- Maximum Candela = 5880.1
- Luminaire Lumens = 14576

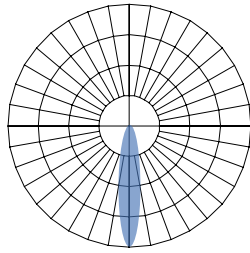
Beam Angles

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



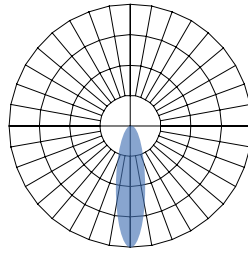
15°

Nema 3x3, Clear



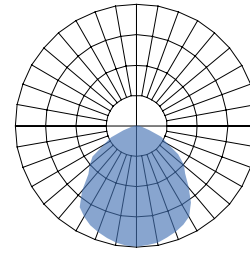
17°

Nema 3x3, Clear



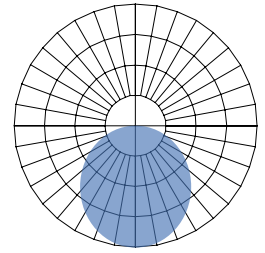
28°

Nema 4x4, Clear



113°

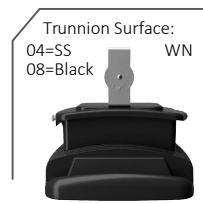
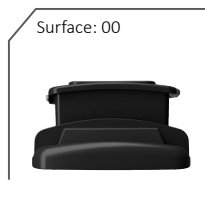
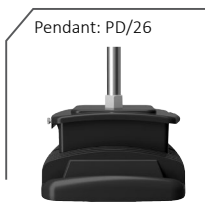
Nema 7x7, Clear



116°

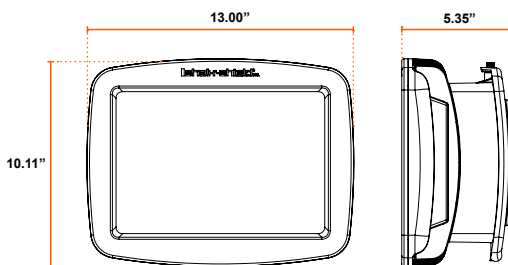
Nema 7x7, Frosted

Mounting Options

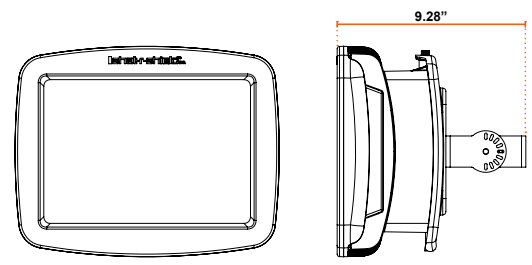


Dimensions

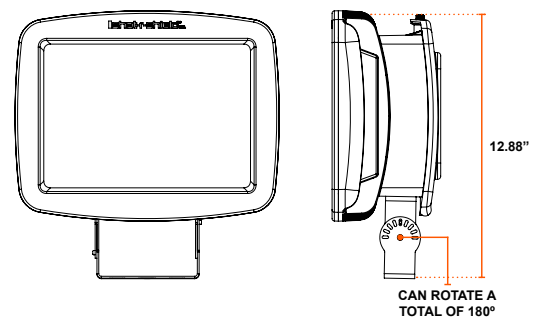
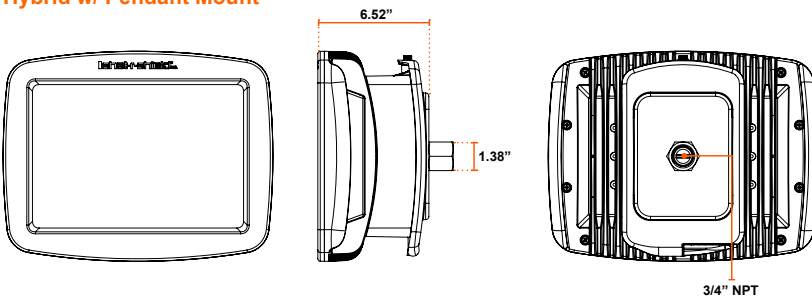
Hybrid



Hybrid w/ Flood Mount Bracket

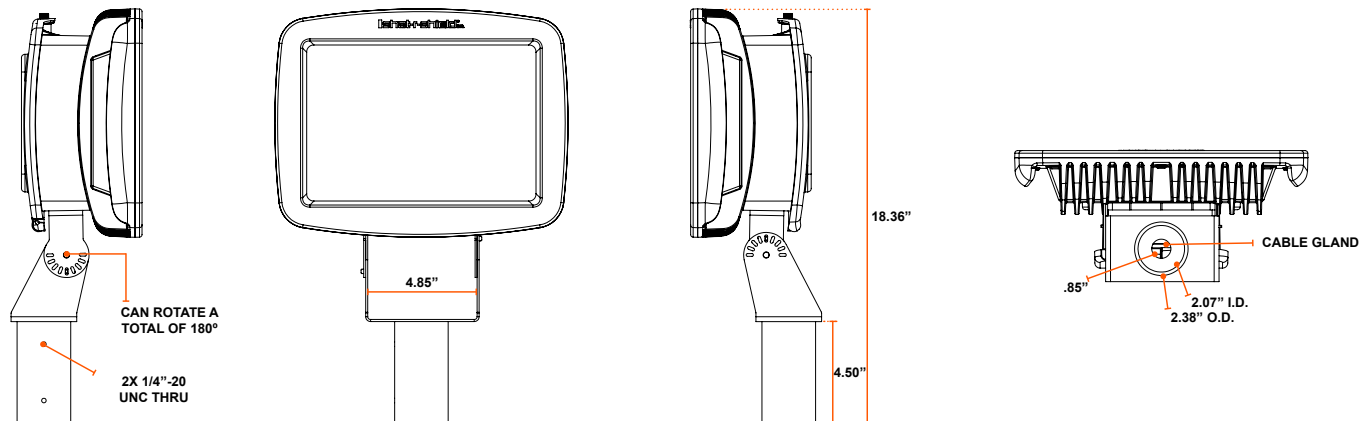


Hybrid w/ Pendant Mount

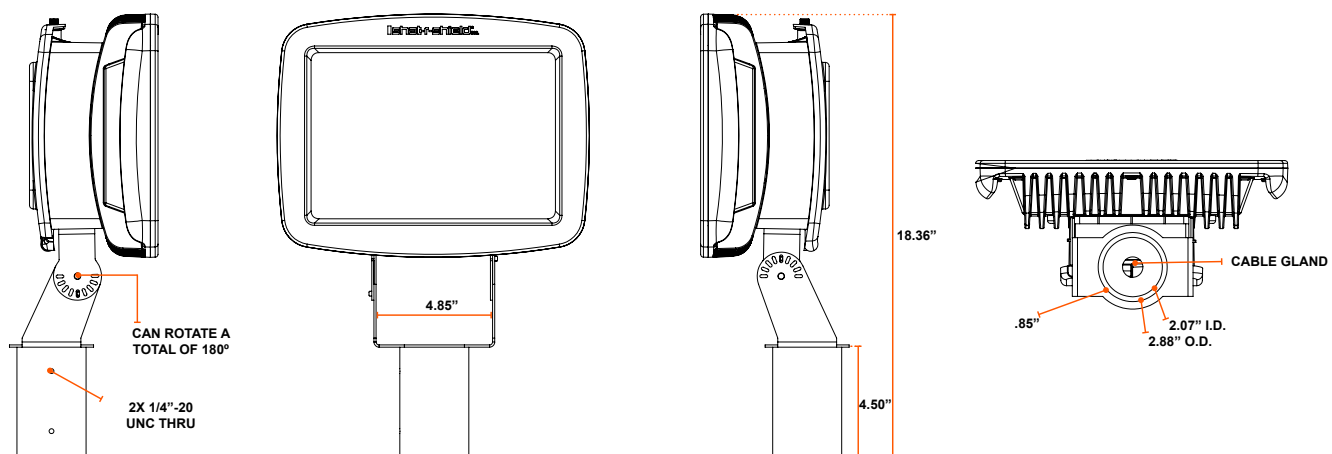


Dimensions Continued

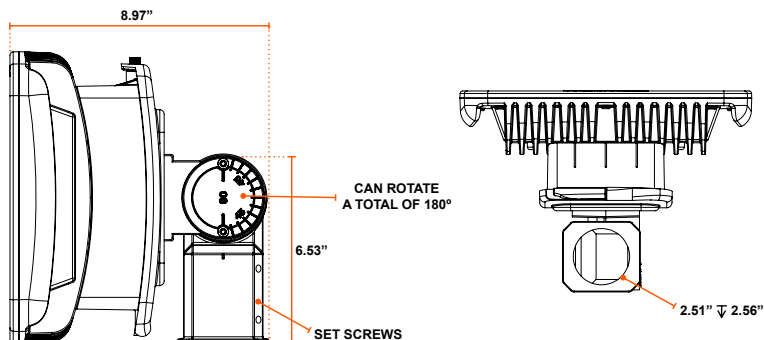
Hybrid w/ Stanchion Bracket SP29 T Mount



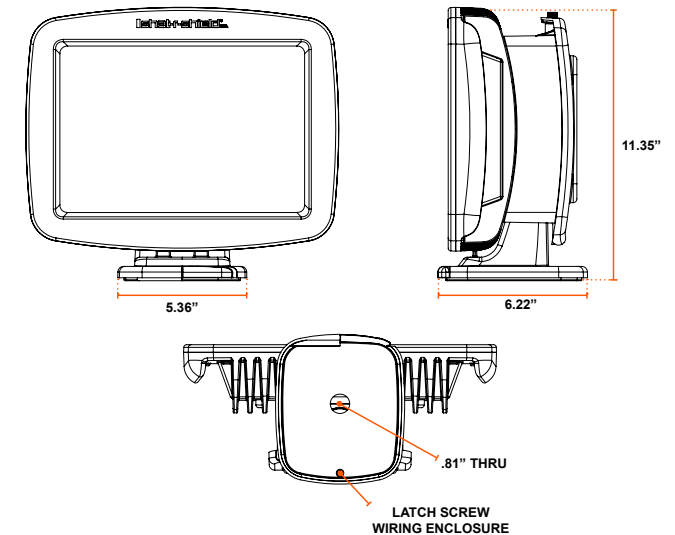
Hybrid w/ Stanchion Bracket SP27



Hybrid w/ Slip Fitter Bracket



Hybrid w/ Wall Pack Mount



Dimensions

Operating Characteristics - FR Lens

Watt.	Lens Material	CCT	Lumens	Description	IES File
30W	PC	5000K	3906	30W HYBRID - 5000K CCT - FR LENS	HY-30W-5000K-FR
30W	PC	4000K	3830	30W HYBRID - 4000K CCT - FR LENS	HY-30W-4000K-FR
35W	PC	5000K	4265	35W HYBRID - 5000K CCT - FR LENS	HY-35W-5000K-FR
35W	PC	4000K	4166	35W HYBRID - 4000K CCT - FR LENS	HY-35W-4000K-FR
48W	PC	5000K	5506	48W HYBRID - 5000K CCT - FR LENS	HY-48W-5000K-FR
48W	PC	4000K	5349	48W HYBRID - 4000K CCT - FR LENS	HY-48W-4000K-FR
60W	PC	5000K	7493	60W HYBRID - 5000K CCT - FR LENS	HY-60W-5000K-FR
60W	PC	4000K	7527	60W HYBRID - 4000K CCT - FR LENS	HY-60W-4000K-FR
70W	PC	5000K	8128	70W HYBRID - 5000K CCT - FR LENS	HY-70W-5000K-FR
70W	PC	4000K	8191	70W HYBRID - 4000K CCT - FR LENS	HY-70W-4000K-FR
95W	PC	5000K	10496	95W HYBRID - 5000K CCT - FR LENS	HY-95W-5000K-FR
95W	PC	4000K	10482	95W HYBRID - 4000K CCT - FR LENS	HY-95W-4000K-FR

Operating Characteristics - CL Lens

Watt.	Lens Material	CCT	Lumens	Description	IES File
30W	PC	5000K	5146	30W HYBRID - 5000K CCT - CL LENS	HY-30W-5000K-CL
30W	PC	4000K	5005	30W HYBRID - 4000K CCT - CL LENS	HY-30W-4000K-CL
35W	PC	5000K	5611	35W HYBRID - 5000K CCT - CL LENS	HY-35W-5000K-CL
35W	PC	4000K	5499	35W HYBRID - 4000K CCT - CL LENS	HY-35W-4000K-CL
48W	PC	5000K	7253	48W HYBRID - 5000K CCT - CL LENS	HY-48W-5000K-CL
48W	PC	4000K	7020	48W HYBRID - 4000K CCT - CL LENS	HY-48W-4000K-CL
60W	PC	5000K	10092	60W HYBRID - 5000K CCT - CL LENS	HY-60W-5000K-CL
60W	PC	4000K	10095	60W HYBRID - 4000K CCT - CL LENS	HY-60W-4000K-CL
70W	PC	5000K	10905	70W HYBRID - 5000K CCT - CL LENS	HY-70W-5000K-CL
70W	PC	4000K	11005	70W HYBRID - 4000K CCT - CL LENS	HY-70W-4000K-CL
95W	PC	5000K	14047	95W HYBRID - 5000K CCT - CL LENS	HY-95W-5000K-CL
95W	PC	4000K	14101	95W HYBRID - 4000K CCT - CL LENS	HY-95W-4000K-CL

Operating Characteristics - LG Lens

Watt.	Lens Material	CCT	Lumens	Description	IES File
30W	LG	5000K	5322	30W HYBRID - 5000K CCT - LG LENS	HY-30W-5000K-LG
30W	LG	4000K	5211	30W HYBRID - 4000K CCT - LG LENS	HY-30W-4000K-LG
35W	LG	5000K	5816	35W HYBRID - 5000K CCT - LG LENS	HY-35W-5000K-LG
35W	LG	4000K	5666	35W HYBRID - 4000K CCT - LG LENS	HY-35W-4000K-LG
48W	LG	5000K	7471	48W HYBRID - 5000K CCT - LG LENS	HY-48W-5000K-LG
48W	LG	4000K	7317	48W HYBRID - 4000K CCT - LG LENS	HY-48W-4000K-LG
60W	LG	5000K	10438	60W HYBRID - 5000K CCT - LG LENS	HY-60W-5000K-LG
60W	LG	4000K	10446	60W HYBRID - 4000K CCT - LG LENS	HY-60W-4000K-LG
70W	LG	5000K	11318	70W HYBRID - 5000K CCT - LG LENS	HY-70W-5000K-LG
70W	LG	4000K	11415	70W HYBRID - 4000K CCT - LG LENS	HY-70W-4000K-LG
95W	LG	5000K	14576	95W HYBRID - 5000K CCT - LG LENS	HY-95W-5000K-LG
95W	LG	4000K	14590	95W HYBRID - 4000K CCT - LG LENS	HY-95W-4000K-LG

Dimensions Continued

Shipping Dimensions

Product	Length	Width	Height	Weight
Hybrid	16"	16"	10"	12 lbs
Hybrid w/ Pendant Mount	16"	16"	10"	13 lbs
Hybrid w/ Wall Pack	16"	16"	10"	13 lbs
Hybrid w/ Slipfitter Mount	16"	16"	10"	15 lbs
Hybrid w/ SP27 Mount	16"	16"	10"	16 lbs
Hybrid w/ SP29 Mount	16"	16"	10"	16 lbs
Hybrid w/ Trunnion Mount	16"	16"	10"	14 lbs
Items Shipped Separately	Length	Width	Height	Weight
Wall Pack Kit	7"	6"	6"	1 lbs
SlipFitter Kit	11"	8"	6"	3 lbs
Stanchion SP27	11"	8"	6"	4 lbs
Stanchion SP29	11"	8"	6"	4 lbs
Trunnion Mount Kit	7"	6"	6"	2 lbs