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	35W*		40	4000K	ST	Area	FR	Frosted[1]			**0S** No Whip, Safety only
090	70W*		50	5000K	FL	Flood	CL	Clear[2]			
		HY Hybrid			WN	NSF Wall Pack	LG	Laminated Glass[3]		**N** None	
					WP	Non-NSF Wall Pack	44	Clear[4]			**6S** 6' Whip & Safety
							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									**VL** 120-277V		**10** 10' 12 Ga Whip & Safety
030	30W		40	4000K	ST	Area	FR	Frosted[7]			
060	60W		50	5000K	FL	Flood	CL	Clear[8]			
		HY Hybrid			WN	NSF Wall Pack	LG	Laminated Glass[9]			**13** 13' 16 Ga Whip & Safety
					WP	Non-NSF Wall Pack				**P** Photocell	
HIGH LUMEN OPTIONS: -40°C to 50°C Ambient Temperature											
030	30W		30	3000K	ST	Area	FR	Frosted[10]			
048	48W	**HY** Hybrid	40	4000K	FL	Flood	CL	Clear[11]			**15** 15' 16 Ga Whip & Safety
070	70W		50	5000K	WN	NSF Wall Pack	LG	Laminated Glass[12]			
095	95W		70	7000K	WP	Non-NSF Wall Pack					

Notes:
*: 045 and 090 gen 1 boards are now powered by 35 watt and 70 watt boards and drivers
1. NEMA 7x7 **Beam:** 116° **45W:** 5100 Lm **90W:** 10,150 Lm
2. NEMA 7x7 **Beam:** 113° **45W:** 5550 Lm **90W:** 10,700 Lm
3. NEMA 7x7 **Beam:** 113° **45W:** 5700 Lm **90W:** 11,000 Lm
4. NEMA 4x4 **Beam:** 28° **45W:** 5700 Lm **90W:** 11,100 Lm
5. NEMA 3x3 **Beam:** 17° **45W:** 5700 Lm **90W:** 11,100 Lm
6. NEMA 3x3 **Beam:** 15° **45W:** 5700 Lm **90W:** 11,100 Lm

7. NEMA 7x7 **Beam:** 116° **30W:** 4380 Lm **60W:** 8403 Lm
8. NEMA 7x7 **Beam:** 113° **30W:** 4738 Lm **60W:** 9,476 Lm
9. NEMA 7x7 **Beam:** 113° **30W:** 4872 Lm **60W:** 9,745 Lm
10. NEMA 7x7 **Beam:** 116° **48W:** 6705 Lm **95W:** 12,516 Lm
11. NEMA 7x7 **Beam:** 113° **48W:** 7152 Lm **95W:** 13,946 Lm
12. NEMA 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	5-20P	OB	Oval Optic Beam FWHM = 27.0° + 112.0°[13]		01	SS Bracket (*Not installed)*	
02	5-15P	TM	Trunnion		02	SS Bracket, Rear	
03	L6-20P	PD	Pendant		04	SS Bracket, Lid	
04	L6-15P	SP	Stanchion		05	Black Bracket (*Not installed)*	
05	L8-20P				06	Bracket (*Not installed)*	
WC	Wall Pack Cover				08	Black Bracket Rear	
					10	Whip Rear	
					11	Whip Lid	
					16	Non-NSF Wall Pack	01
					25	Slip Fitter (*Fits 2" Pipe*)	
					26	3/4" SS Pendant, Lid	
					27	SS Rotating Stanchion, Rear (*Fits 2" Pipe*)	
					28	3/4" SS Adapter, Rear	
					29	SS Rotating Stanchion, Rear (*Fits 1.5" Pipe*)	

Notes:
13. Only available on Standard Options

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

Specifications

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

Lens: Clear, Frosted Polycarbonate, or Laminated Glass

Voltage: 120 - 277 VAC

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

**Efficency:** 124 LPW (*Standard*), 176 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 5.35" (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**
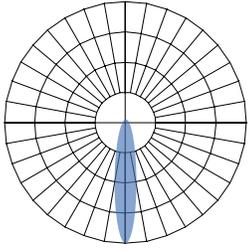
Photometric Data
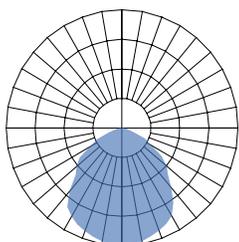
Indoor Report
- Maximum Candela = 5880.1
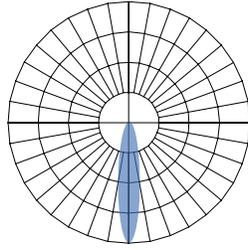- Luminaire Lumens = 14576

Beam Angles

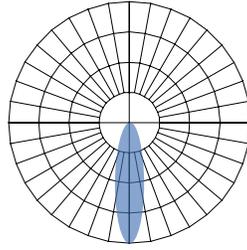Standard fixtures have all options. High Lumen and/or High Ambient only use 113° & 116° options.
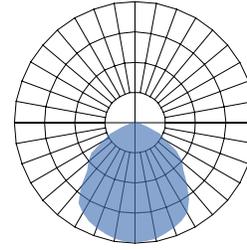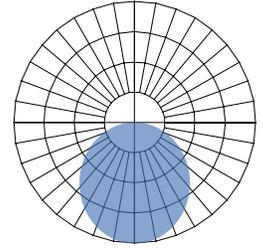

15°
Nema 3x3, Clear

17°
Nema 3x3, Clear

28°
Nema 4x4, Clear

113°
Nema 7x7, Clear

116°
Nema 7x7, Frosted

Mounting Options

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

Dimensions

Hybrid

13.00"

5.35"

10.11"
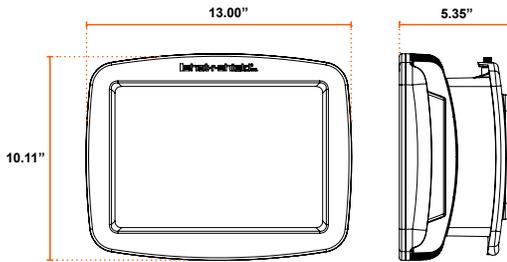
Hybrid w/ Flood Mount Bracket

9.28"

Hybrid w/ Pendant Mount

6.52"

1.38"

3/4" NPT

12.88"

**CAN ROTATE A
TOTAL OF 180º**
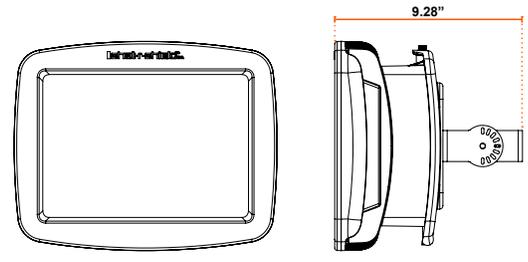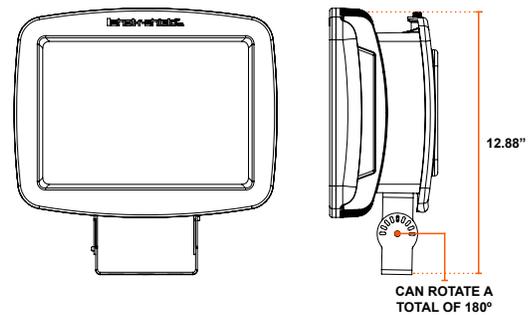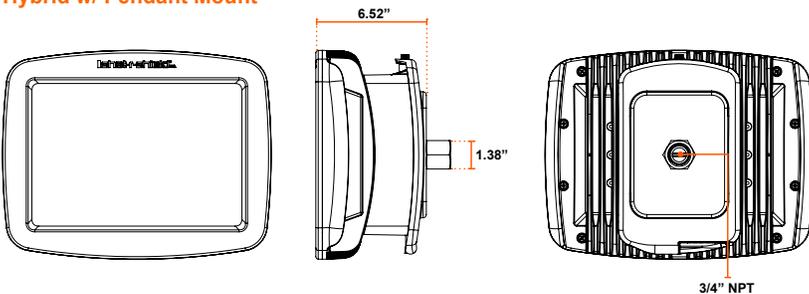
Dimensions Continued

Hybrid w/ Stanchion Bracket SP29 T Mount

4.85"

18.36"

4.50"

CAN ROTATE A
TOTAL OF 180º

2X 1/4"-20
UNC THRU

CABLE GLAND

.85"

2.47" I.D.
2.38" O.D.

Hybrid w/ Stanchion Bracket SP27

4.85"

18.36"

4.50"

CAN ROTATE A
TOTAL OF 180º

2X 1/4"-20
UNC THRU

CABLE GLAND

.85"

2.47" I.D.
2.88" O.D.
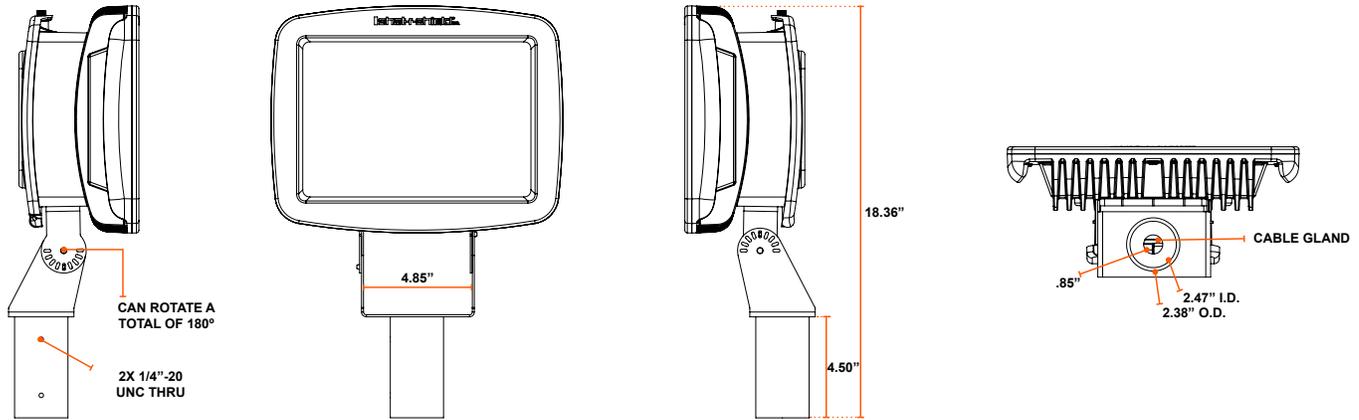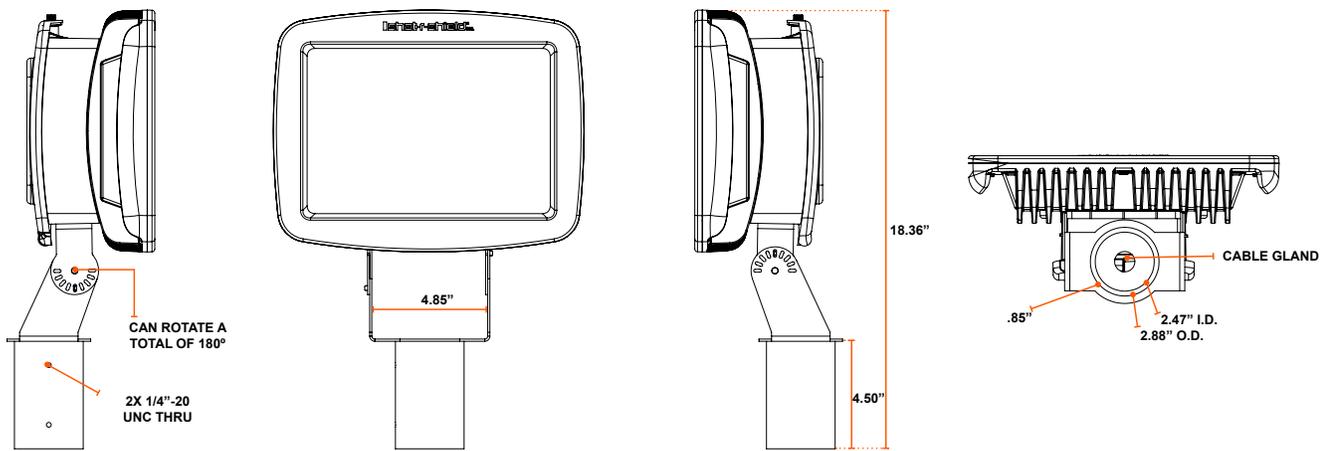
Hybrid w/ Slip Fitter Bracket

8.97"

6.53"

CAN ROTATE
A TOTAL OF 180º

SET SCREWS

2.51" ▽ 2.56"

Hybrid w/ Wall Pack Mount

11.35"

5.36"

6.22"

.81" THRU

LATCH SCREW
WIRING ENCLOSURE
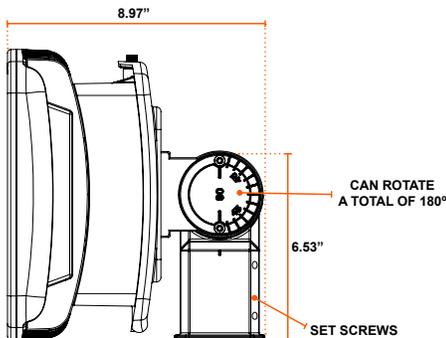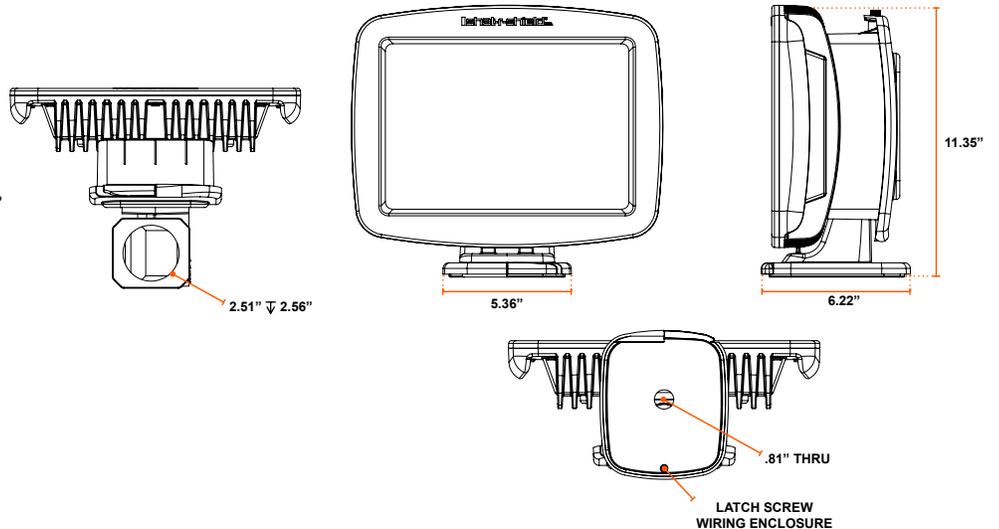
Photometric Data

Photometric Data - FR Lens

Watt.	Lens Material	CCT	Lumens	Description	IES File
30W	FR	5000K	3906	30W HYBRID - 5000K CCT - FR LENS	HY-30W-5000K-FR
30W	FR	4000K	3830	30W HYBRID - 4000K CCT - FR LENS	HY-30W-4000K-FR
35W	FR	5000K	4265	45W HYBRID - 5000K CCT - FR LENS	HY-45W-5000K-FR
35W	FR	4000K	4166	45W HYBRID - 4000K CCT - FR LENS	HY-45W-4000K-FR
48W	FR	5000K	5506	48W HYBRID - 5000K CCT - FR LENS	HY-48W-5000K-FR
48W	FR	4000K	5349	48W HYBRID - 4000K CCT - FR LENS	HY-48W-4000K-FR
60W	FR	5000K	7493	60W HYBRID - 5000K CCT - FR LENS	HY-60W-5000K-FR
60W	FR	4000K	7527	60W HYBRID - 4000K CCT - FR LENS	HY-60W-4000K-FR
70W	FR	5000K	8128	90W HYBRID - 5000K CCT - FR LENS	HY-90W-5000K-FR
70W	FR	4000K	8191	90W HYBRID - 4000K CCT - FR LENS	HY-90W-4000K-FR
95W	FR	5000K	10496	95W HYBRID - 5000K CCT - FR LENS	HY-95W-5000K-FR
95W	FR	4000K	10482	95W HYBRID - 4000K CCT - FR LENS	HY-95W-4000K-FR

Photometric Data - CL Lens

Watt.	Lens Material	CCT	Lumens	Description	IES File
30W	CL	5000K	5146	30W HYBRID - 5000K CCT - CL LENS	HY-30W-5000K-CL
30W	CL	4000K	5005	30W HYBRID - 4000K CCT - CL LENS	HY-30W-4000K-CL
35W	CL	5000K	5611	45W HYBRID - 5000K CCT - CL LENS	HY-45W-5000K-CL
35W	CL	4000K	5499	45W HYBRID - 4000K CCT - CL LENS	HY-45W-4000K-CL
48W	CL	5000K	7253	48W HYBRID - 5000K CCT - CL LENS	HY-48W-5000K-CL
48W	CL	4000K	7020	48W HYBRID - 4000K CCT - CL LENS	HY-48W-4000K-CL
60W	CL	5000K	10092	60W HYBRID - 5000K CCT - CL LENS	HY-60W-5000K-CL
60W	CL	4000K	10095	60W HYBRID - 4000K CCT - CL LENS	HY-60W-4000K-CL
70W	CL	5000K	10905	90W HYBRID - 5000K CCT - CL LENS	HY-90W-5000K-CL
70W	CL	4000K	11005	90W HYBRID - 4000K CCT - CL LENS	HY-90W-4000K-CL
95W	CL	5000K	14047	95W HYBRID - 5000K CCT - CL LENS	HY-95W-5000K-CL
95W	CL	4000K	14101	95W HYBRID - 4000K CCT - CL LENS	HY-95W-4000K-CL

Photometric Data - 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	45W HYBRID - 5000K CCT - LG LENS	HY-45W-5000K-LG
35W	LG	4000K	5666	45W HYBRID - 4000K CCT - LG LENS	HY-45W-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	90W HYBRID - 5000K CCT - LG LENS	HY-90W-5000K-LG
70W	LG	4000K	11415	90W HYBRID - 4000K CCT - LG LENS	HY-90W-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

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