

Incoplas[™] LED Vapor Tight

SHAT-R-SHIELD'S INCOPLAS[™] LED VAPOR TIGHT

is manufactured with thermally conductive engineered polymers specially designed to withstand moisture, dust and harsh environments in applications where exposure is detrimental to the life of the luminaire. This 100+ LPW luminaire replaces a 2 or 4 lamp 4' T8 fixture.

ENGINEERED THERMAL PLASTIC Formulated through extensive research and development, this material is exclusively manufactured for optimal performance of the luminaire in applications exposed to corrosive elements.

- High Thermal Conductivity-- easily extracts heat away from the light source.
- Corrosion Resistance-- withstands prolonged exposure to highly corrosive elements (moisture, salt spray, acids, bases).
- Extremely Lightweight-- weighs 5 lbs; allows for easy one-person installation.
- Small Form Factor-- allows for a multitude of lighting layout designs.

PRODUCT SPECIFICATIONS

035LV50 **35W / 3500 Lumens / 5000K / 80 CRI**
070LV50 **70W / 7000 Lumens / 5000K / 80 CRI**

- L70 >54,000 Hours; Projected L70 85,000 Hours
- LM-79, LM-80 tested to IESNA standards
- Universal Driver 120-277V
- 0-10V dimming
- Operating Temperature: -22°F to 113°F (-30°C to 45°C)
- Weight: 5 lbs. (2.3kg)
- Mounting: surface, pendant, conduit, aircraft cable

WARRANTY 5 year limited warranty



CERTIFICATIONS



APPLICATIONS Ideal for settings subject to harsh elements:

Industrial Facilities • Food Processing Plants • Cold Storage
 Parking Garages • Wash Down Areas • Tunnels • Subways
 Marine Facilities • Construction Sites • Airports • Stairwells
 Waste Water Treatment Plants • Loading Docks
 Car Washes • Natatoriums • Inspection Areas

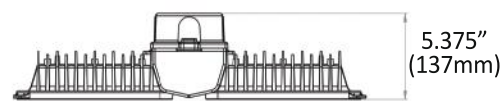
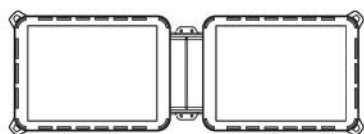
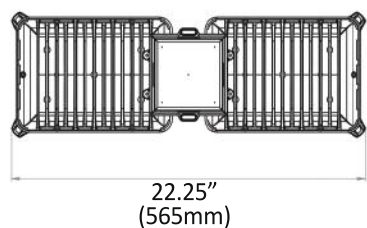
ORDERING INFORMATION

Wattage	Fixture	CCT	Lens	Power	Controls	Whip	Plug	Options	
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035= 35W 070= 70W	LV= LED VT	50= 5000K	PR= Prismatic Acrylic	VL= 120-277V	N= No Control B= PIR Basic A= PIR P= Photocell	00= No Whip P6= 6' with 120V Plug*	00= None*	00= None* AC= Aircraft Cable with Gland	01

Example Part Number: 035LV50PRVLPP600AC01

*Other options available upon request.
 -Accessories also sold separately.

DIMENSIONS 22.25"L x 7"W x 5.375"H



MOUNTING



Knockouts on top and sides of J-Box allows for a pendant, conduit or surface mount option.



Aircraft Cable (sold as an accessory) easily clips onto corners of fixture for a suspension mount.

PHOTOMETRIC FILES Full .IES files available for download on website.

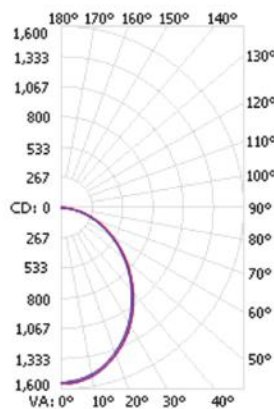
035LV50

Standard	
Wattage (W)	35
Lumens (lm)	3723
Efficacy (lm/W)	106
CCT (K)	5285
Color Rendering (CRI)	83

Illuminance at a Distance

Height(ft)	Center Beam Footcandle	Beam Spread(ft) Horizontal	Beam Spread(ft) Vertical
4	96.7 fc	9	8.7
8	24.2 fc	18.1	17.5
12	10.7 fc	27.1	26.2
16	6.0 fc	36.2	34.9
20	3.9 fc	45.2	43.7
	Beam Angle	97°	95°

Polar Candela Distribution



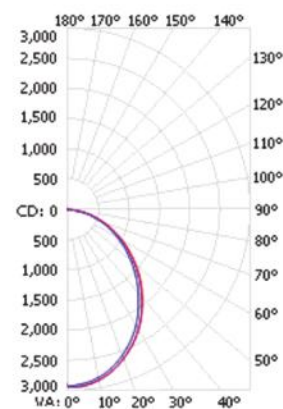
070LV50

Standard	
Wattage (W)	65
Lumens (lm)	7161
Efficacy (lm/W)	109
CCT (K)	5292
Color Rendering (CRI)	83

Illuminance at a Distance

Height(ft)	Center Beam Footcandle	Beam Spread(ft) Horizontal	Beam Spread(ft) Vertical
4	180.5 fc	9.4	8.6
8	45.9 fc	18.8	17.2
12	20.4 fc	28.2	25.8
16	11.5 fc	37.6	34.4
20	7.3 fc	47	43
	Beam Angle	99.2°	94.2°

Polar Candela Distribution



COMPONENTS

