L1705C
High Humidity & Heat Resistant LED Lighting

100°C Heat-Resistant

Clear Glass Globe

Prismatic Glass Globe

With Accessory "Guard"

*Please specify the required glass globe type.

Net Weight: 9.5 kg (20.9 lb)

Technical Data

▲ Illumination angle 360°

Rated Voltage (±10%)	120V / 277V AC
Watts (±10%)	40W / 50W
Amps	40W 120V:0.33A, 277V:0.14A / 50W 120V:0.42A, 277V:0.18A
Color of LED Light	3000K (Warm White) / 5000K (Cool White)
Ambient Temperature	+86°C ~ +100°C
Power Factor	cos ≧ 0.9
CRI	Cool White ≧ 70 / Warm White ≧ 80

Lumen (±10%)	COB	40W	50W
	3000K	3600lm	4500lm
	5000K	4000lm	5000lm

| Beam Angle	X-170° / Y-170°
Frequency	50 / 60 Hz
Degree of Protection	IP67/ NEMA 6
Material: Enclosure	Aluminum alloy
LED Service Life	60,000 hrs*
Entrance Thread	1 × NPT 3/4" or 1 x M25

Ø191.8 (7.55)
334.2 (13.16)
Ø191.8 (7.55)
357.6 (14.08)
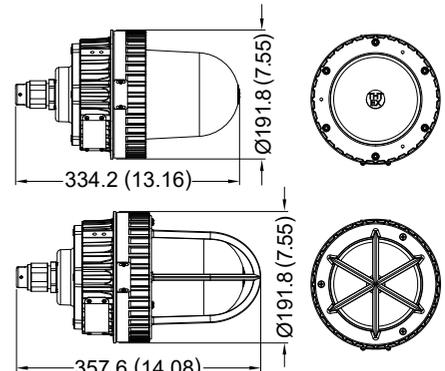
Dimension in Millimeters (inches)

Optical Report

Polar Luminous Intensity Distribution

COB test
UNIT: cd
C0/180
C90/270
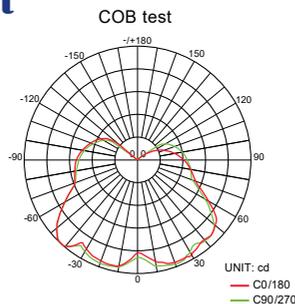
Luminous Intensity Distribution Diagram

COB test
ANGLE (DEG)
AVERAGE BEAM ANGLE (50%) : 178.00 DEG
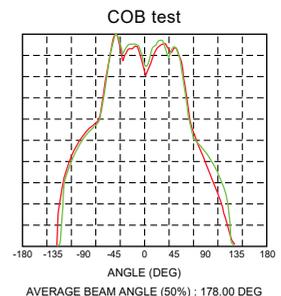
*L70 at 55°C Ambient Temperature   *1 years warranty without warranting lumen depreciation.

Mounting Option & Dimensions (All in mm)

Standard Product

Wall / Hanging Mount 25° (W25)
387.3 · 50.0 · 334.2 · 25°
10.0 kg (22.0 lb)

Wall / Hanging Mount 90° (W90)
354.9 · 50.0
10.0 kg (22.0 lb)

Hanging Mount 90° (H90)
173.0 · 124.0 · 86.0 · 60.0 · Ø8.2 · 50.0 · Ø35.0 · Ø10.2 · 18.0 · 478.4 · Ø191.8
10.0 kg (22.0 lb)

Straight Electrical Tube (P90)
555.2 · Ø191.8
10.5 kg (23.1 lb)

Bending Electrical Tube 90° (S90)
333.4 · 210.0 · 237.0 · 469.0 · Ø191.8
10.6 kg (23.4 lb)

Bending Electrical Tube 25° (S25)
398.2 · 25° · 232.0 · 394.3
10.5 kg (23.1 lb)

Hanging Mount 25° (H25)
50.0 · 25° · 463.0
10.0 kg (22.0 lb)

With optional accessory "Guard"

Wall / Hanging Mount 25° (W25G)
401.9 · 25° · 50.0
10.2 kg (22.5 lb)

Wall / Hanging Mount 90° (W90G)
354.9 · 357.6 · 50.0
10.2 kg (22.5 lb)

Hanging Mount 90° (H90G)
173.0 · 124.0 · 86.0 · 60.0 · Ø8.2 · 50.0 · Ø35.0 · Ø10.2 · 18.0 · 502.1 · Ø191.8
10.2 kg (22.5 lb)

Straight Electrical Tube (P90G)
578.7 · Ø191.8
10.7 kg (23.5 lb)

Bending Electrical Tube 90° (S90G)
333.4 · 210.0 · 237.0 · 492.6 · Ø191.8
10.8 kg (23.8 lb)

Bending Electrical Tube 25° (S25G)
410.7 · 25° · 232.0 · 416.0
10.7 kg (22.0 lb)

Hanging Mount 25° (H25G)
50.0 · 25° · 485.8
10.2 kg (22.5 lb)

THT-EX
Pulp & Paper
Glass Factory
Steel Mill
Power Plant
Recycling Plant

THT-EX

or even recycling plants, where furnaces,
dryers and heaters operate at ambient temperature that is over 70°C(159°F).

LED Lighting Solutions
for High Temperature Areas

Pan Mounting Option & Dimensions (All in mm)

Retrofit Kit for C Brand

(PAN)

Ø258.1
293.9

Installation Diagram

335.4
328.3
Ø191.8
274.2
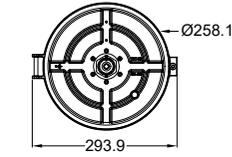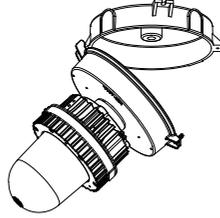
*Top hat is not included when placing order for retrofit pan.
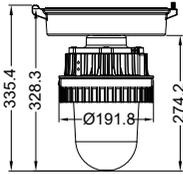
10.5 kg (23.1 lb)

Retrofit Kit with optional accessory "Guard"
(PANG)
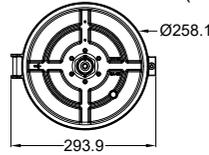
Ø258.1
293.9

Installation Diagram

359.3
352.16
Ø19
298.06
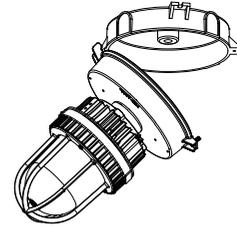
*Top hat is not included when placing order for retrofit pan.
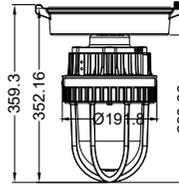
10.8 kg (23.8 lb)

Retrofit Kit for A Brand

(PANA)
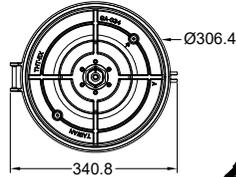
Installation Diagram
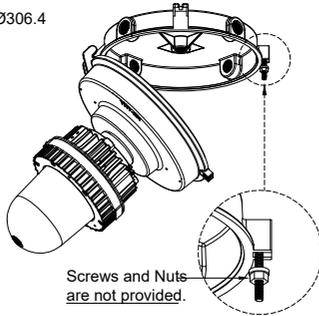
Ø306.4
340.8

377.0
358.2
Ø191.8
274.2

Screws and Nuts are not provided.

*Top hat is not included when placing order for retrofit pan.
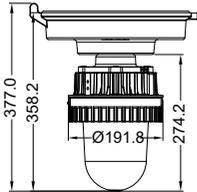
10.8 kg (23.8 lb)

Retrofit Kit with optional accessory "Guard"
(PANAG)

Installation Diagram
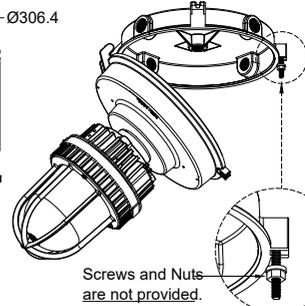
Ø306.4
340.8

400.9
382.06
Ø19
298.06

Screws and Nuts are not provided.

*Top hat is not included when placing order for retrofit pan.
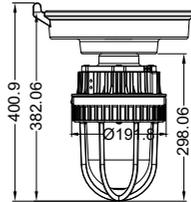
11.1 kg (24.5 lb)

Retrofit Kit for K Brand

(PANK)

Ø302.0
345.0

Installation Diagram

W 1/4" -20 Screw
W 1/4" Nut

355.2
347.2
274.2
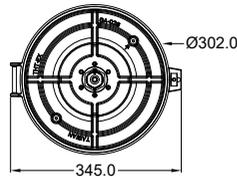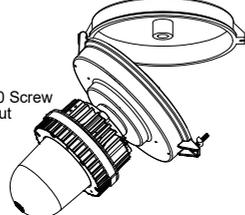
*Top hat is not included when placing order for retrofit pan.
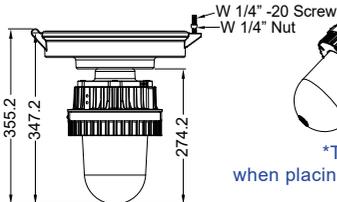
11.0 kg (24.3 lb)

Retrofit Kit with optional accessory "Guard"
(PANKG)

Ø302.0
345.0

Installation Diagram

W 1/4" -20 Screw
W 1/4" Nut

379.1
371.06
298.06
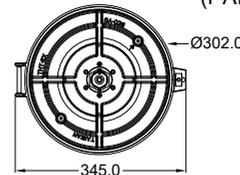
*Top hat is not included when placing order for retrofit pan.
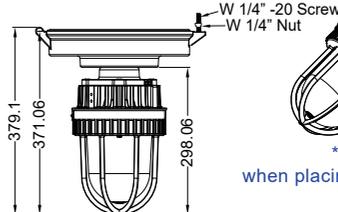
11.3 kg (24.9 lb)

Applicable Area

- Pulp & Paper Industry
- Smelter
- Automotive Industry
- Cable Manufacturing
- Power Plants
- Casthouse
- Textile Industry
- Glass Factory