

FPG - Fidelux Round & Square Parking Garage Canopy Series

Product Description

Fidelux takes the lead in the industry with FPG Round & Square Parking Garage/Canopy fixture design to deliver wide beam spread and comfortable light with low-glare. Wide spread eliminates shadows by maximizing the lit area, improves safety by delivering just enough light with minimum energy consumptions to deliver exceptional payback.

Features & Benefits

- High reflectivity reflector and high efficacy lens to provide maximum efficiency.
- Right beam spread - less fixture usage with designed projects, and save from material cost.
- Paint options: BZ (Bronze) STD, WH (White), GR (Gray), BL (Black)

Applications

- Parking Garage Luminaires
- Manufacturing
- High Dust & damp wet locations , Carwash
- Fuel Pump Canopy

Mounting Options

- Surface Mount (Standard mounting plate)
- Pendant Mount (Standard 1/2" Threaded KO on back of fixture)

Regulatory & Voluntary Qualifications

- ETL, Damp Location, IP65
- Most of our products are DLC listed, qualifying them for the highest rebates. Please check individual product specs for DLC status. Refer to DLC website by clicking this link: <https://www.designlights.org>
- Categories: Parking Garage & Fuel Pump Canopy



Performance Summary

Efficacy Up To: 121 l/pw

CRI: 84 cri

CCT: 35/40/45/50K

Dimming: Non Dim

Watts: 50/75/100/120 WATTS

Lumens Up To: 13 000

Operating Temp: -25° - +50°C Ambient

Operating Frequency: 50 / 60Hz

Rated Power Factor @ 5000K: 0.99

Dimension: 8-3/4" SQ, 12-1/4" SQ / 9" Round & 15" round



FPG Series Specification Summary

Product Number	FPGR-50W	FPGR-75W	FPGR-100W	FPGR-120W	FPGS-50W	FPGS-75W	FPGS-100W	FPGS-120W
Efficacy l/pw @ 5000K	116 l/pw	121 l/pw	112 l/pw	108 l/pw	114 l/pw	TBD	118 l/pw	TBD
WATTS	50	75	100	120	50	75	100	120
Lumens @ 3000K	5585	8200	10349	12994	5231	7500	10847	13000
Lumens @ 3500K	5691	8344	10349	12994	5231	TBD	11086	TBD
Lumens @ 4000K	5691	8344	10350	12994	5231	TBD	11086	TBD
Lumens @ 5000K	5762	8891	10921	13484	5617	TBD	11557	TBD
CRI	85	86	85	85	86	TBD	86	TBD
Power Factor @ 5000K	0.91	0.92	0.92	0.91	0.92	TBD	0.92	TBD
THD @ 120VAC	16.3%	17.9%	17.9%	17.8%	15%	TBD	17.1%	TBD
CCT/Kelvin Temp Options	30/35/40/50K							
Dimming	NonDim							
Input Voltage Options	AC100-277vac							
Compliance	DLC 4.2, ETL	DLC 4.2, ETL	DLC 4.2, ETL	ETL	DLC 4.2, ETL	ETL	ETL	ETL
DCL Categories	Parking garage Luminaire	Parking garage Luminaire	Fuel pump Canopy	Fuel pump Canopy	Parking garage Luminaire	Parking garage Luminaire	Fuel pump Canopy	Fuel pump Canopy
L70 Lifespan	75,000 Hrs							
Ambient Working Temp	-25°C to +50°C							
Weight	6.3 lbs	6.3 lbs	10 lbs	10 lbs	6 lbs	6 lbs	10.5 lbs	10.5 lbs
Max Dimensions (in)	11-1/2" round x 4-1/2"	11-1/2" round x 4-1/2"	15-1/4" round x 4-3/4"	15-1/4" round x 4-3/4"	8-3/4"x8-3/4"x4"	8-3/4"x8-3/4"x4"	12-1/4" x12-1/4" x 4-1/2"	12-1/4" x12-1/4" x 4-1/2"
Limited Warranty	5 Yrs.							

Notes

Values are nominal unless noted +/- 5%
Specifications change without notice

FPG Series Product Ordering Guide

Example: FPGR-50W-40K-UNV-D

Product	CCT/Color Temp	Voltage	Controls & Dimming	Emergency	Finish Options
FPGR-50W	30K (3000 Kelvin)	UNV (120-277VAC)	D (Dimming on AC only) Trailing Edge, TRIAC , Leading Edge MSSD (Consult Factory for OCC sensor or Photo Cell options)	Blank (No EM) Consult factory for third party option	Blank (Bronze) STD
FPGR-75W	35K (3500 Kelvin)				WH (White)*
FPGR-100W	40K (4000 Kelvin)				BL (Black)*
FPGR-120W	50K (5000 Kelvin)				
FPGS-50W					
FPGS-75W					
FPGS-100W					
FPGS-120W					

* Special Order

Factory Installed Options

BL Black housing finish

WH White housing finish

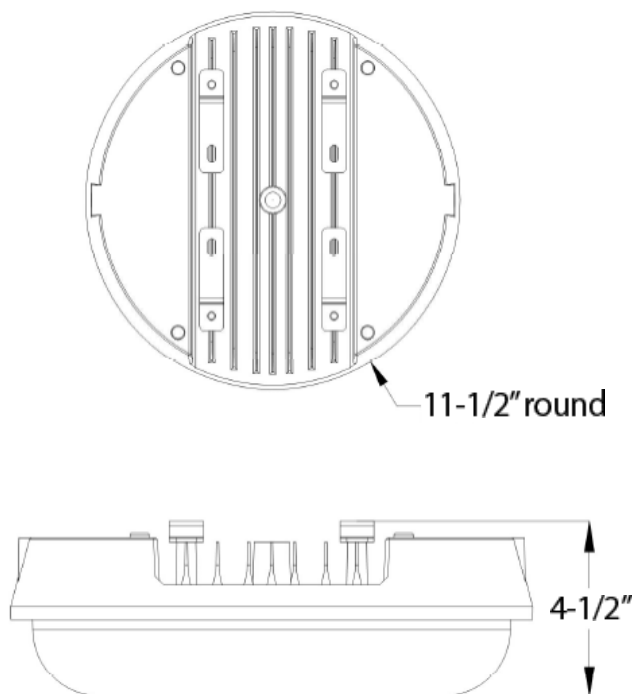
Field Installed Mounting

Surface Mount- Use mounting plate provided with fixture, Plate adapts to 3"-4" round or single gang Junction Box (Standard on all fixtures)

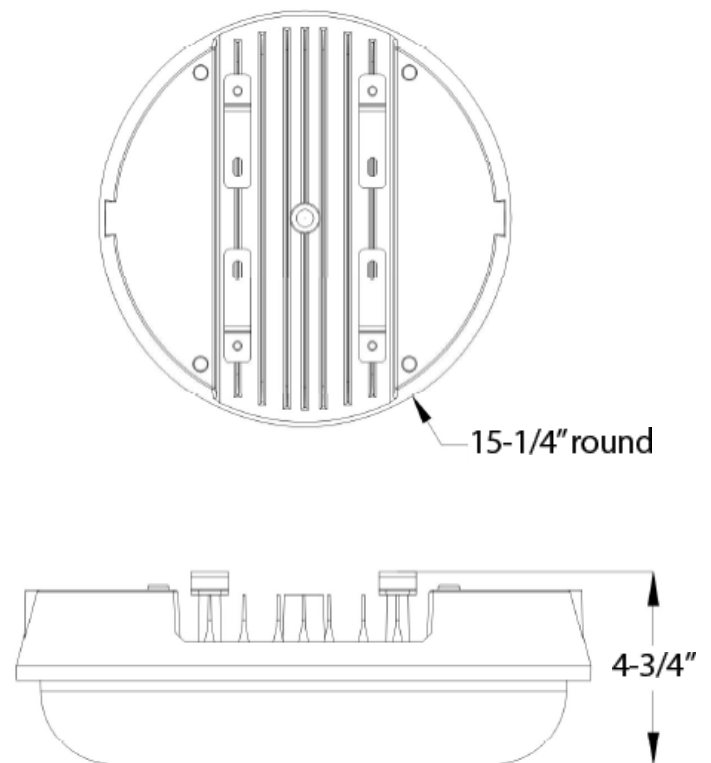
Pendant Mount- Remove plate from back and use the 1/2" Threaded KO provided in center of fixture. Pendant or Pendant connector not provided . (1/2" KO standard on all fixtures)

FPGR Series Design Details & Photometry

FPGR-50W & 75W

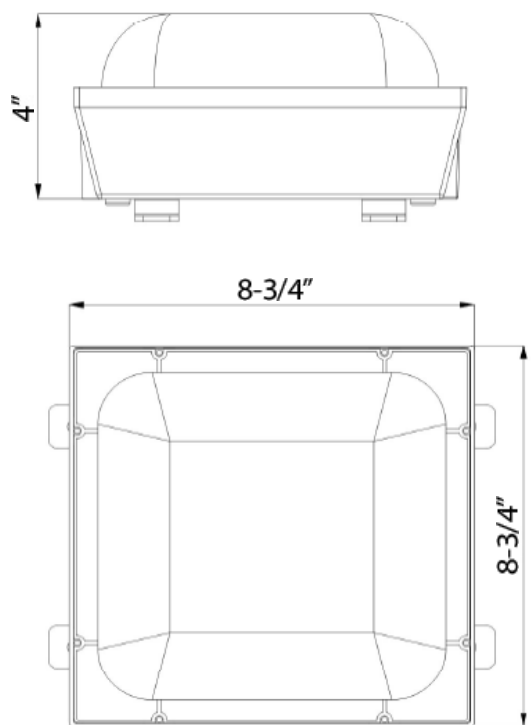


FPGR-100W & 120W

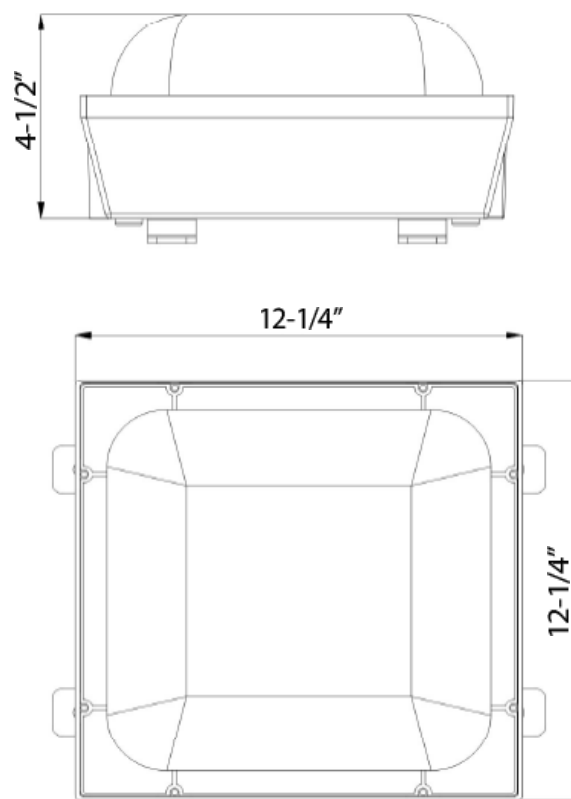


FPGR/S Series Design Details & Photometry

FPGS-50W & 75W



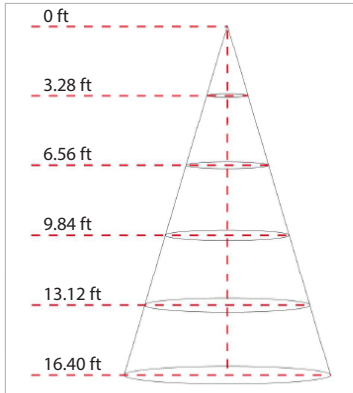
FPGS-100W & 120W



FPGS Series Design Details & Photometry

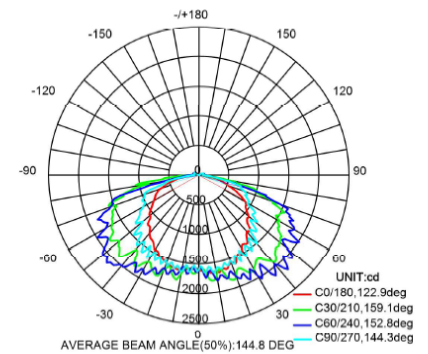
FPGS-75W

Lux Chart



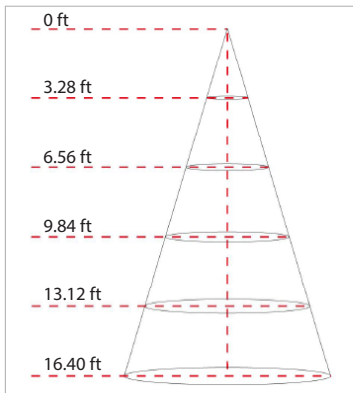
Height (ft)	Average Lux (lx)	Light range (dia.)
3.28	430.6	13.3 ft
6.56	107.7	26.59 ft
9.84	47.85	39.89 ft
13.12	26.92	53.19 ft
16.40	17.23	66.48 ft

Photometrics



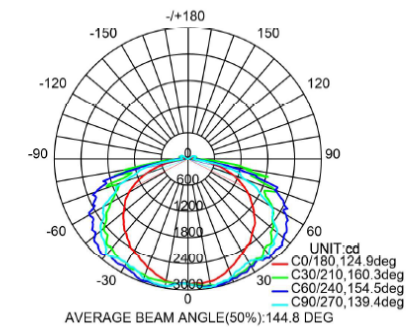
FPGS-120W

Lux Chart



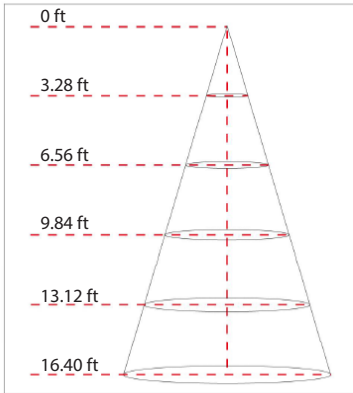
Height (ft)	Average Lux (lx)	Light range (dia.)
3.28	734.2	12.62 ft
6.56	183.5	25.24 ft
9.84	81.6	37.87 ft
13.12	45.9	50.50 ft
16.40	29.4	63.12 ft

Photometrics



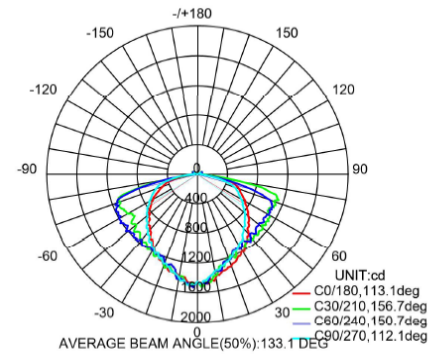
FPGR-50W

Lux Chart



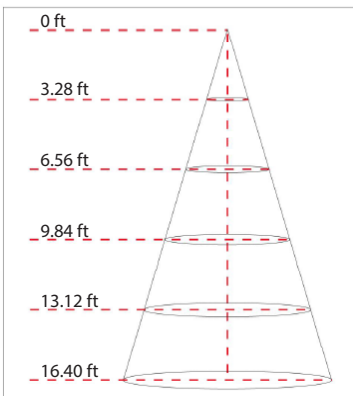
Height (ft)	Average Lux (lx)	Light range (dia.)
3.28	431.2	9.75 ft
6.56	107.8	19.49 ft
9.84	47.9	29.24 ft
13.12	27.0	38.99 ft
16.40	17.3	48.74 ft

Photometrics



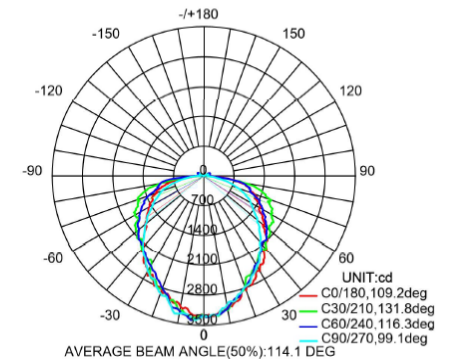
FPGR-100W

Lux Chart



Height (ft)	Average Lux (lx)	Light range (dia.)
3.28	1210	7.70 ft
6.56	302.5	15.40 ft
9.84	134.4	23.11 ft
13.12	75.6	30.81 ft
16.40	48.4	38.52 ft

Photometrics



FPG Series Installation Instructions

For all FPGS Series Product

Important Safeguards

- 1) Before installing this fixture or doing any maintenance, make sure to turn off the power supply.
- 2) Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
- 3) Suitable for wet location and operation in ambient not exceeding 40°C.
- 4) Min 75°C supply conductors.
- 5) Products are not intended for use in environments containing airborne corrosive agents such as chemical solvents, cleaners, or cutting fluids.
- 6) This luminaire is rated for 120-277Vac 50/60Hz only.
- 7) Replace the Lens if damaged.

WARNING ⚠

RISK OF ELECTRICAL SHOCK

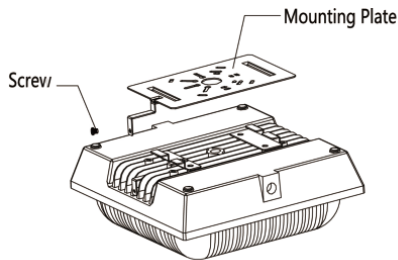
Avertissement: Risque de choc électrique

WARNING ⚠

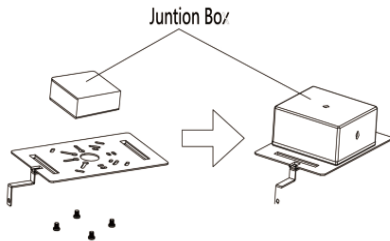
Turn power off at circuit breaker or fuse box.
Do not rely on wall switch alone to turn off power.

Failure to do so may cause a shocking hazard and damage this electronic fixture!

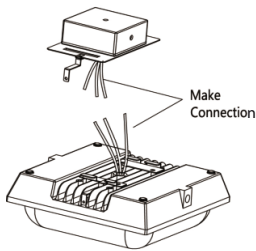
Surface Mounting



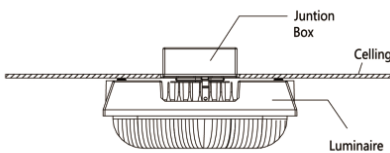
1. Remove the mounting Plate by removing the 1 screws



2. Fasten the mounting plate to the junction box using the screws supplied with the Junction box.



3. Complete the wiring to the power source and ground, using customer supplied 90°C minimum rated wire connectors, make the following electrical connections in the mounting box or junction box:
 - a. Connect the black fixture lead to the voltage supply lead
 - b. Connect the white fixture lead to the neutral supply lead
 - c. Connect the ground lead to the supply ground lead.

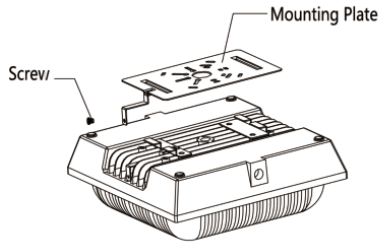


4. Replace Lighting housing by reversing procedure used to remove it.

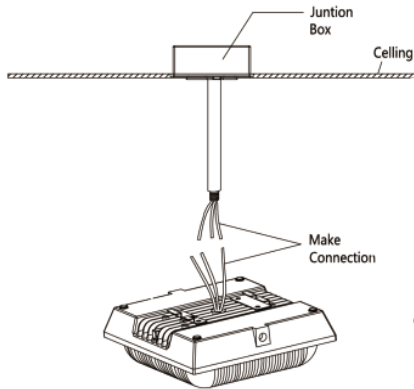
FPG Series Installation Instructions

For all FPGS Series Product

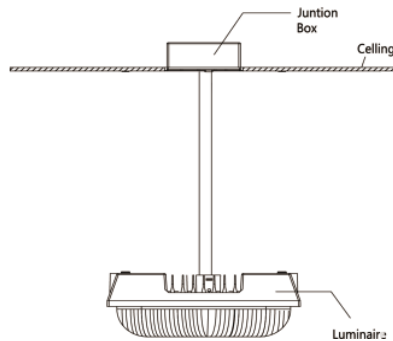
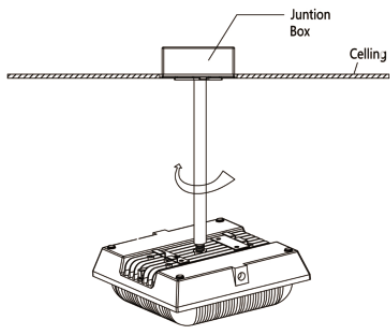
Pendant Mounting



1. Remove the mounting Plate by removing the 1 screws



2. Complete the wiring to the power source and ground, using customer supplied 90°C minimum rated wire connectors, make the following electrical connections in the mounting box or junction box:
 - a. Connect the black fixture lead to the voltage supply lead
 - b. Connect the white fixture lead to the neutral supply lead
 - c. Connect the ground lead to the supply ground lead
 - d. Use 1/2" Threaded KO for pendant pipe



3. Tighten the conduit into luminaire

FPG Series Installation Instructions

For all FPGR Series Product

Important Safeguards

- 1) Before installing this fixture or doing any maintenance, make sure to turn off the power supply.
- 2) Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
- 3) Suitable for wet location and operation in ambient not exceeding 40°C.
- 4) Min 75°C supply conductors.
- 5) Products are not intended for use in environments containing airborne corrosive agents such as chemical solvents, cleaners, or cutting fluids.
- 6) This luminaire is rated for 120-277Vac 50/60Hz only.
- 7) Replace the Lens if damaged.

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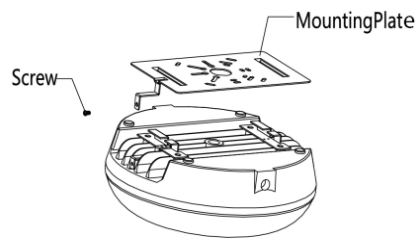
Avertissement: Risque de choc électrique

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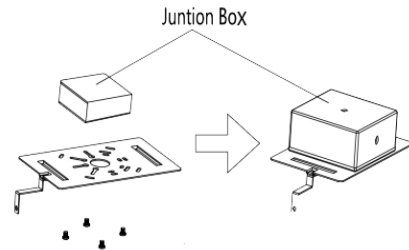
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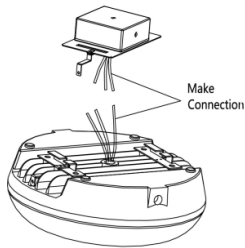
Surface Mounting



1. Remove the mounting Plate by removing the 1 screws

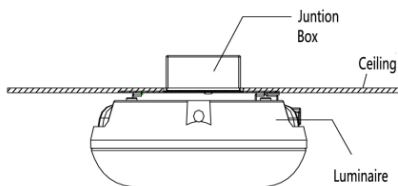


2. Fasten the mounting plate to the junction box using the screws supplied with the Junction box.



3. Complete the wiring to the power source and ground, using customer supplied 90°C minimum rated wire connectors, make the following electrical connections in the mounting box or junction box:

- a. Connect the black fixture lead to the voltage supply lead
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- c. Connect the ground lead to the supply ground lead.
- d. Use 1/2" threaded KO for pendant pipe

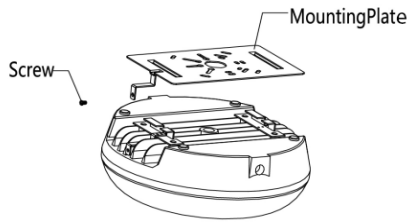


4. Replace Lighting housing by reversing procedure used to remove it.

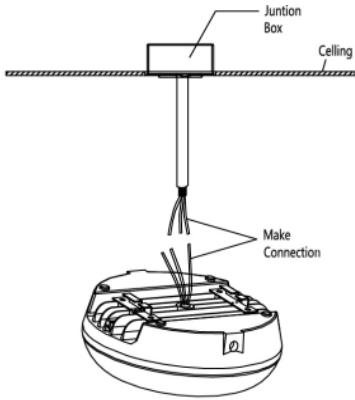
FPG Series Installation Instructions

For all FPGR Series Product

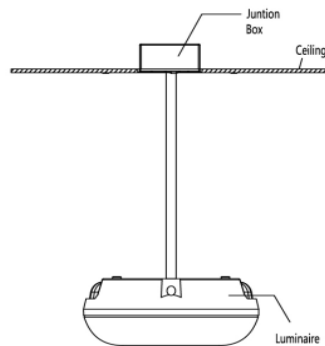
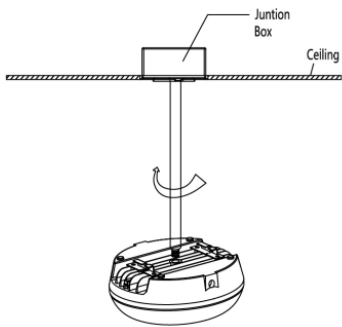
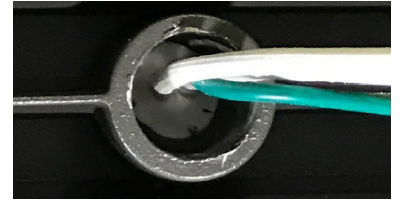
Pendant Mounting



1. Remove the mounting Plate by removing the 1 screws



2. Complete the wiring to the power source and ground, using customer supplied 90°C minimum rated wire connectors, make the following electrical connections in the mounting box or junction box:
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3. Tighten the conduit into luminaire