



| | |
|---------|--|
| Model # | |
| Type | |
| Project | |
| Date | |

CF3-SERIES

GARAGE LUMINAIRE WITH MOTION SENSOR

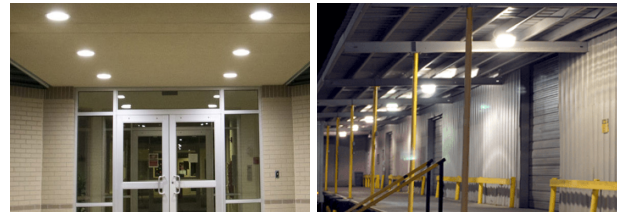


The CF3 Series is a next generation LED Canopy luminaire purpose-built for parking garages that boasts a specially designed fresnel lens to provide 360° light dispersal and an integrated motion sensor to detect occupancy and maximum efficiency.



HIGHLIGHTS

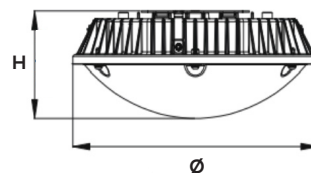
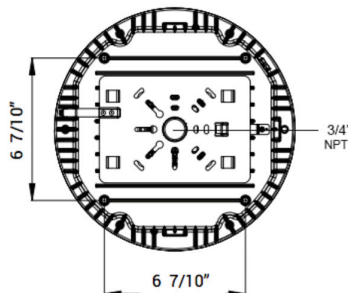
- Integrated multi-function motion sensor sets detection zone, stand-by time, dimming, hold time
- High efficacy output with 124 lm/W
- IP65 rated for protection against water jet spray
- 0-10V dimming
- Direct surface mount or pendant mount with 3/4" NPT conduit
- NICHIA chips means commercial grade dependability
- Grooved fresnel lens specially engineered for dispersal, 150° beam angle
- Designed to work in -40°C / -40°F degree environments
- Backed by a worry-free 10 year warranty



APPLICATIONS

Designed for parking garages, industrial, office and other maximum lateral lighting in low height, wet environments.

| DIMENSIONS | | | | |
|-------------|-----------|------------------------|----------------------|------------------|
| VOLTAGE (V) | POWER (W) | Ø (inches/mm) | H (inches/mm) | WEIGHT (kg/lbs) |
| 100-277 | 40 | Ø11 7/16" (Ø287 mm) | 4 15/16" (125 mm) | 4.0 kg / 8.8 lbs |
| | 60 | | | |
| 200-347 | 40 | | | |
| | 60 | | | |



ORDERING GUIDE

| SERIES | - | POWER (W) | CCT | - | SENSOR | - | VOLTAGE |
|--------|---|--------------------|----------|---|--|---|----------------------------|
| CF3 | - | 40: 40W 60: 60W | 4: 4000K | - | MS: Microwave motion sensor, behind the lens | - | 1: 120-277V 2: 200-347V |

MODEL SELECTION

| SERIES | - | POWER (W) | CCT | - | SENSOR | - | VOLTAGE |
|--------|---|-----------|-----|---|--------|---|---------|
| CF3 | - | 40 | 4 | - | MS | - | 1 |

EXAMPLE: CF3-404-MS-1

PRODUCT FEATURES

CONSTRUCTION

- White powder coated aluminum
- Polycarbonate Fresnel lens
- 150° beam angle
- Three 1/2" NPT threaded side knockouts

INSTALLATION

- Surface mount
- Pendant mount with 3/4" NPT threaded knockout

ELECTRICAL

- "-1" models designed to operate between 100-277V
- "-2" models designed to operate between 200-347V
- LED drivers in all models have 2kV inherent surge protection
- Power Factor >0.9
- THD <20%
- 0-10V dimming, dim-to-off

LISTINGS & RATINGS

- cULus E473127
- Wet location
- IP65 rated
- Listed for use in:
-40°C to 40°C / -40°F to 104°F

RATED LIFE & WARRANTY

- LED system: >50,000 hours at L70
- 10 year fixture warranty, 5 year sensor (visit premiseled.com/warranty/)

ORDERING INFORMATION

| INPUT VOLTAGE | POWER (W) | CCT (K) | MODEL NUMBER | DELIVERED LUMENS (lm) | EFFICACY (lm/W) |
|---------------|-----------|---------|--------------|-----------------------|-----------------|
| 120-277V | 40W | 4K | CF3-404-MS-1 | 5,150 lm | 123 lm/W |
| | 60W | 4K | CF3-604-MS-1 | 7,677 lm | 124 lm/W |
| 200-347V | 40W | 4K | CF3-404-MS-2 | 4,949 lm | 118 lm/W |
| | 60W | 4K | CF3-604-MS-2 | 7,098 lm | 120 lm/W |

PACKING INFORMATION

| MODEL | CASE QUANTITY | PALLET QUANTITY |
|-------|---------------|-----------------|
| 40W | CASE OF 1 | 105 |
| 60W | CASE OF 1 | 105 |

ELECTRICAL INFORMATION

| INPUT VOLTAGE | POWER (W) | APPARENT POWER (VA) | SYSTEM POWER (W) | CURRENT DRAW AT 120V _{ac} | CURRENT DRAW AT 208V _{ac} | CURRENT DRAW AT 240V _{ac} | CURRENT DRAW AT 277V _{ac} | CURRENT DRAW AT 347V _{ac} | CURRENT DRAW AT 480V _{ac} |
|---------------|-----------|---------------------|------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 120-277V | 40W | 44.8VA | 41.8W | 0.430A | 0.250A | 0.220A | 0.190A | - | - |
| | 60W | 64.8VA | 59.0W | 0.630A | 0.360A | 0.310A | 0.270A | - | - |
| 200-347V | 40W | 44.8VA | 41.8W | - | 0.240A | 0.210A | 0.180A | 0.150A | - |
| | 60W | 62.7VA | 59.0W | - | 0.330A | 0.290A | 0.250A | 0.200A | - |

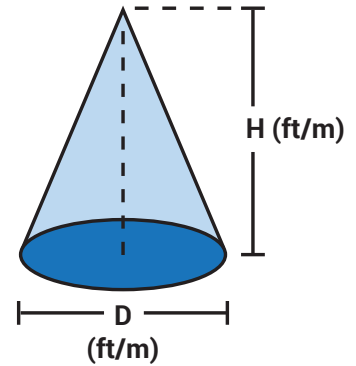
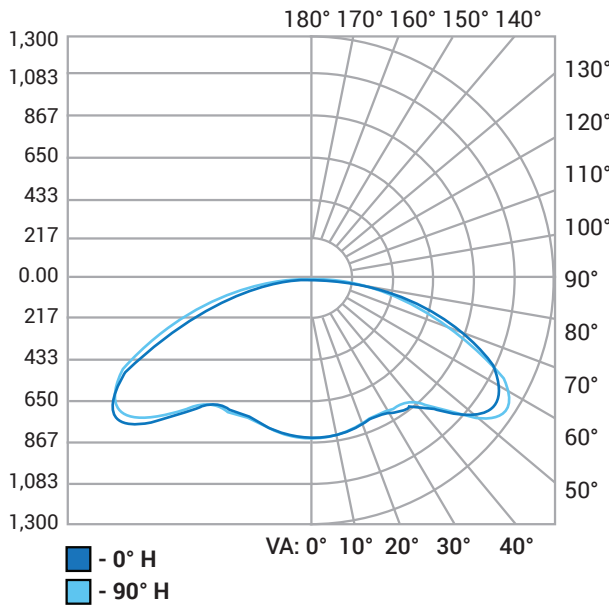
| INPUT VOLTAGE | POWER (W) | INRUSH CURRENT (A) | SURGE PROTECTION |
|---------------|-----------|--------------------------|------------------|
| 120-277V | 40W | Cold Start 28A at 350VAC | L/N-PE: 2kV |
| | 60W | | |
| 200-347V | 40W | | |
| | 60W | | |

PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
40W
VOLTAGE
120-277V

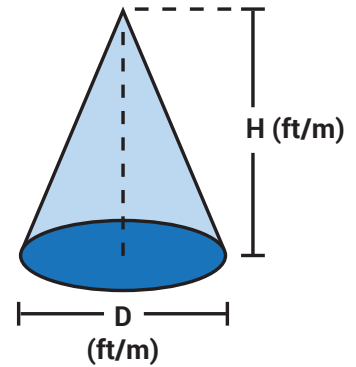
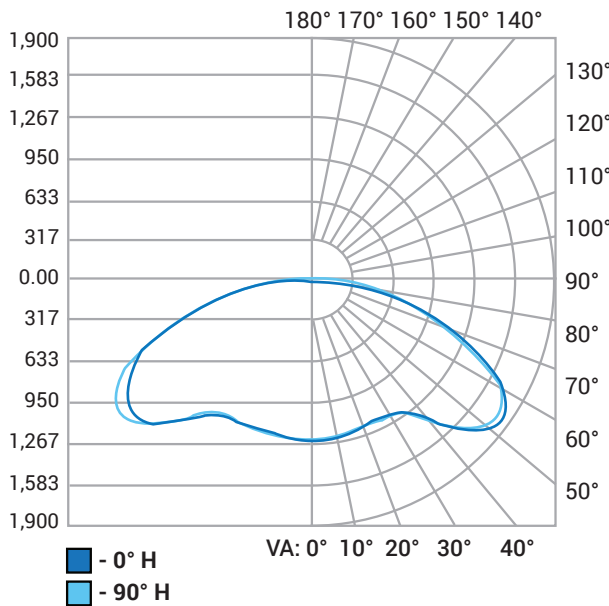


| H (ft/m) | LUX | FC | D (ft/m) |
|------------|-------|------|---------------|
| 6.6' (2m) | 208.0 | 19.3 | 24.6' (7.5m) |
| 9.8' (3m) | 92.5 | 8.6 | 36.8' (11.2m) |
| 13.1' (4m) | 52.0 | 4.8 | 49.3' (15.0m) |
| 16.4' (5m) | 33.3 | 3.1 | 61.4' (18.7m) |
| 19.7' (6m) | 23.1 | 2.2 | 73.9' (22.5m) |

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
60W
VOLTAGE
120-277V



| H (ft/m) | LUX | FC | D (ft/m) |
|------------|-------|------|---------------|
| 6.6' (2m) | 311.4 | 28.9 | 26.9' (8.2m) |
| 9.8' (3m) | 138.4 | 12.9 | 40.4' (12.3m) |
| 13.1' (4m) | 77.9 | 7.2 | 54.2' (16.5m) |
| 16.4' (5m) | 49.8 | 4.6 | 67.7' (20.6m) |
| 19.7' (6m) | 34.6 | 3.2 | 81.1' (24.7m) |

*Based on operation at 4000K & 120V.