



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 5 year warranty

Model #	
Type	
Project	
Date	

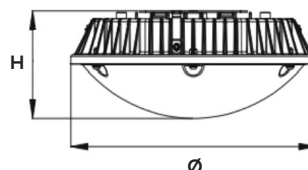
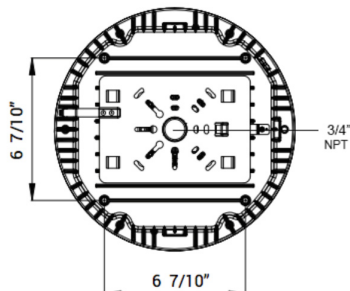


APPLICATIONS

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	

PRODUCT FEATURES

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

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

- “-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

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

- LED system: >50,000 hours at L70
- 5 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

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

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	-

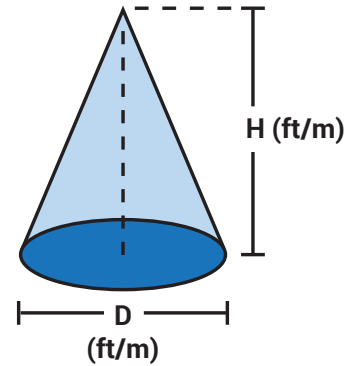
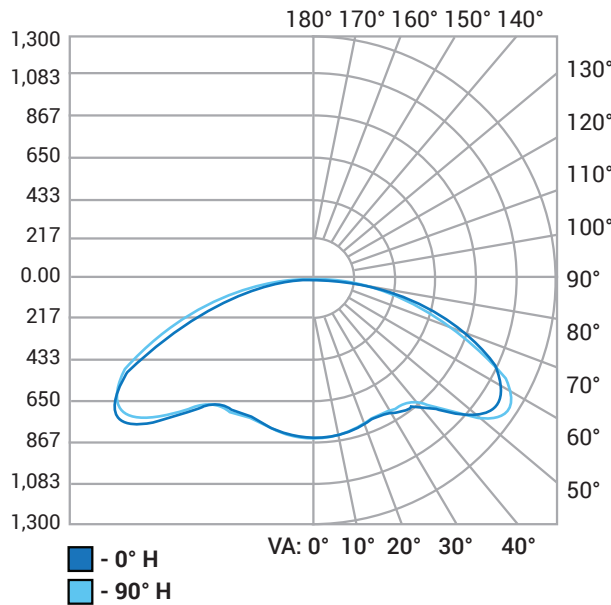
INPUT VOLTAGE	POWER (W)	INRUSH CURRENT (A)	SURGE PROTECTION
120-277V	40W	Cold Start 28A at 350VAC	L/N-PE: 2kV
	60W		
200-347V	40W		
	60W		

PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
40W
VOLTAGE
120-277V

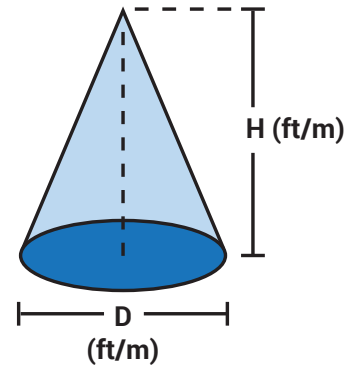
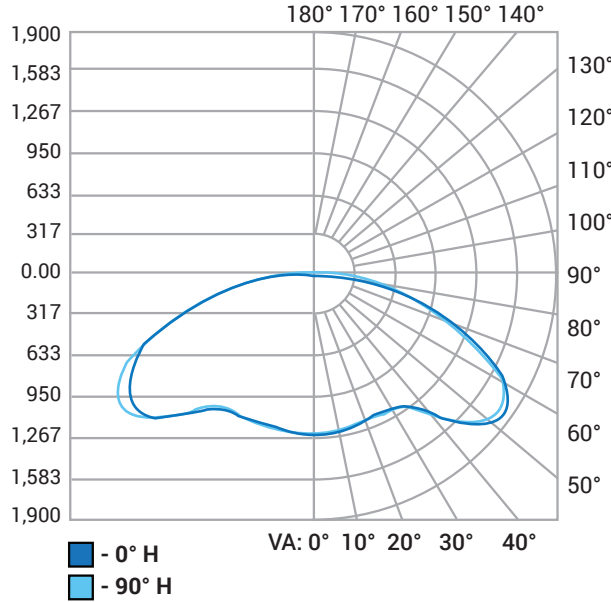


H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	208.0	19.3	24.6' (7.5m)
9.8' (3m)	92.5	8.6	36.8' (11.2m)
13.1' (4m)	52.0	4.8	49.3' (15.0m)
16.4' (5m)	33.3	3.1	61.4' (18.7m)
19.7' (6m)	23.1	2.2	73.9' (22.5m)

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.