



Project	
Date	
Prepared by	
Model #	CF4-704-2

CF4-SERIES DIMMABLE CANOPY FIXTURE



OVERVIEW

These CF4-Series Dimmable LED Canopy Fixture is the ultra-thin, energy-efficient solution for illuminating commercial and industrial environments.

Designed with a dropped diffuser lens, the fixture provides maximum lateral light distribution while minimizing glare.

As a DLC listed Parking Garage Luminaire, it is perfect for use in parking structures, storage areas, shopping area walkways and entryways.

PRODUCT HIGHLIGHTS

- Aluminum housing with polycarbonate lens
- Suitable for direct surface or pendant mounting
- IP65 rated
- -40°F to 104°F (-40°C to 40°C) operation temperature range
- Bronze finish to match any outdoor environment
- Backed by a worry-free 10 year warranty



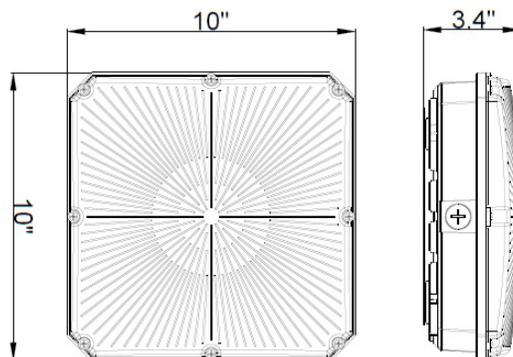
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	7845.1	Beam Angle (°) ₁	140°
CCT (K) ₁	4000K	Projected Lifetime (L ₇₀)	50,000 hrs
CRI (Ra) ₁	85.6	Lumen Maintenance Factor	L70 (70%)
Efficacy (lm/W) ₁	114.06 lm/W	Chromaticity Shift	+/-25K

ELECTRICAL SPECIFICATIONS

Power	70W	Current Draw at 347V _{AC} (A) ₂	0.20A
Apparent Power (VA)	70VA	Current Draw at 480V _{AC} (A) ₂	0.15A
System Wattage (W)	68.78W		
Input Voltage	277-480VAC		

PRODUCT DIMENSION



CONSTRUCTION	
Housing Material	Aluminum
Housing Color	Bronze
Lens Material	Polycarbonate (PC)
Dimensions (inch/mm)	10" x 10" x 3.4" (255 x 255 x 87 mm)
Weight	2.5 kg / 5.5 lbs
Installation Method	Surface Mount Pendant Mount
Operation Range (°F/°C)	-40°C to 40°C / -40°F to 104°F
Warranty	10 years

APPROVALS AND LISTINGS	
DLC Premium	PONDC82N
Wet Location Rated	Yes
IP Rating	IP65
UL/ETL	cULus
UL/ETL File Number	E473127

Rated Lifetime¹

Models	Lumen Output = 70% of Initial (L ₇₀) ²
CF4-X04-1	>50,000 hrs

1. Rated Lifetime projected the time need for the fixture to drop its lumen output to 70% of its initial value, which was measured based on IESNA LM-79-80 luminaire test report.

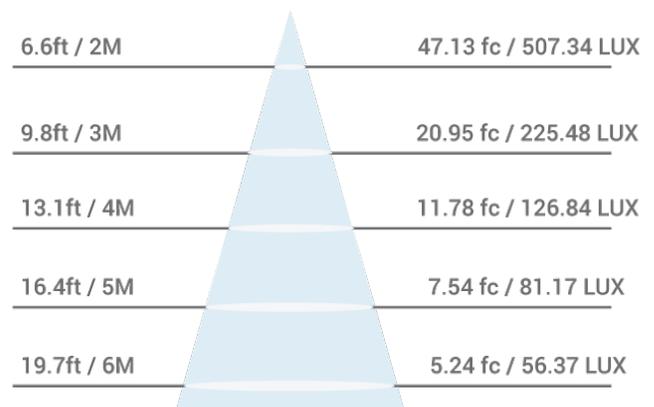
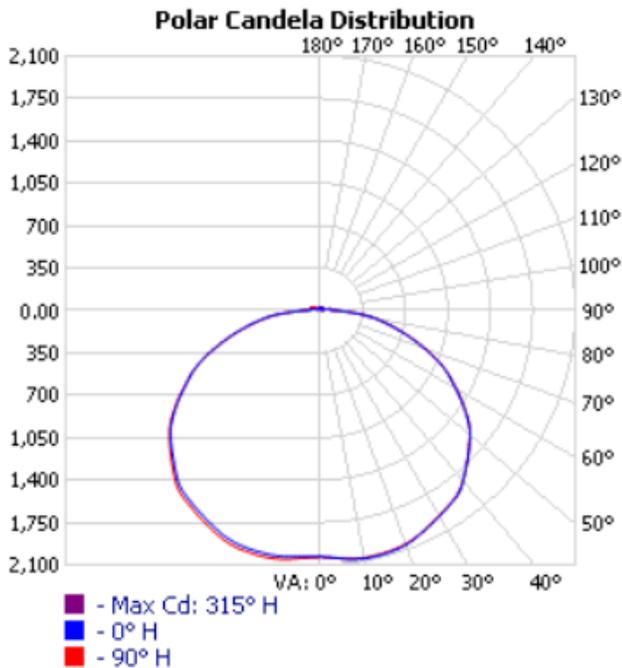
2. Calculations based on TM-21 Projection and IESNA LM-80-08 LED test report, estimated rated lifetime (hours) at TA=25oC (ambient temperature)

LED AND DRIVER SPECIFICATIONS

LED (Brand)	Samsung	THD	13.69%
LED Design Origin	South Korea	Surge Protection	2kV
LED Type	SMD 2835	Inrush Current (A)	50A
Dimmable	Yes (1-10VDC)	Driver Class	Class 2
Out Voltage (VDC)	30-52VDC	Driver Feature	All-around protection: OVP (Over-Voltage Protection), OTP (Over-Temperature Protection), SCP (Short Circuit Protection)
Power Factor	>0.9		

CANDELA

ILLUMINANCE AT A DISTANCE



1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty