



Project	
Date	
Prepared by	
Model #	CW2-404-1

CW2-SERIES

COMMERCIAL WRAPAROUND



OVERVIEW

The CW2-Series is a high-performing general indoor-use luminaire made for projects where budget is a priority. Designed to save energy and meet low light egress requirements, this fixture is perfect for a range of environments including offices, stairways and bathrooms. With a convenient 4' length, it can be surface mounted to replace most existing fluorescent fixture applications.

PRODUCT HIGHLIGHTS

Offered as a high-efficacy, value commercial wrap Prismatic diffuser minimizes glare and visual fatigue
 Designed for quick surface mount installs
 0-10V dimming for maximum control and energy savings



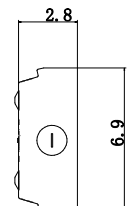
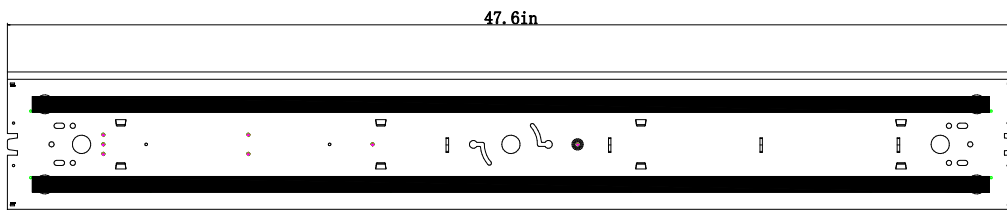
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	4763	Beam Angle (°) ₁	104°
CCT (K) ₁	4257K	Projected Lifetime (L ₇₀)	50,000 hrs
CRI (Ra) ₁	83	Lumen Maintenance Factors	70%
Efficacy (lm/W) ₁	123 lm/W	Chromaticity Shift	4000K

ELECTRICAL SPECIFICATIONS

Power	40W	Output Voltage	24-42VDC
Apparent Power (VA)	40W	Current Draw at 120V _{AC} (A) ₂	0.35A
System Wattage (W)	38.59W	Current Draw at 208V _{AC} (A) ₂	0.21A
Replacement For	2 lamp 32W T8	Current Draw at 240V _{AC} (A) ₂	0.18A
Input Voltage	100-277V	Current Draw at 277V _{AC} (A) ₂	0.16A

PRODUCT DIMENSION



LED AND DRIVER SPECIFICATIONS

LED (Brand)	REFOND	THD	10.41%
LED Design Origin	China	Surge Protection	L-N:1KV,L/N-PE:2KV
LED Type	LED2835	Inrush Current (A)	<60A
Dimmable	0-10V	Driver Class	CLASS 2
Power Factor	>0.9	Driver Brand	Weipeng
0-10 V mA Rating	<250UA	Flicker-Free	Yes
Sink/Source Dimming	Source		

CONSTRUCTION

Housing Material	Iron
Housing Color	White
Lens Material	PS
Dimensions (inch/mm)	47.6" (L) x 7" (W) x 2.8" (H) / 1200mm (L) x 175mm (W) x 70mm (H)
Weight (kg/lbs)	1.84 kgs / 4.0 lbs
Installation Method	Surface Mount, Suspension
Operation Range (°F/°C)	-13°F to 104°F/-25°C to 40°C
Warranty	5 Years

APPROVALS AND LISTINGS

DLC Standard	PKVUHK2S
UL/ETL	cETLus
Damp Location	Yes

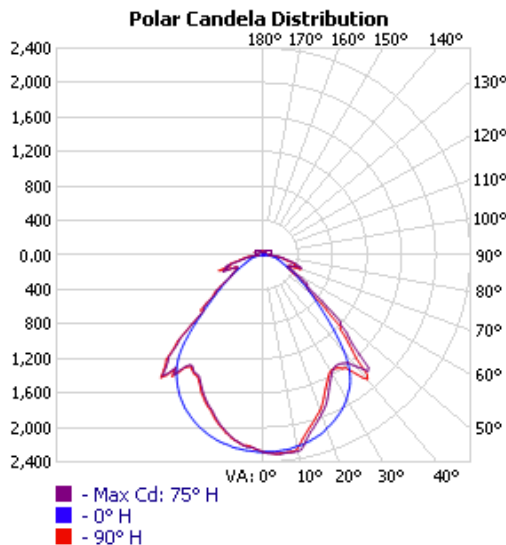
Rated Lifetime¹

Models	Lumen Output = 70% of Initial (L₇₀)²
CW2-404-1	>50,000 hrs

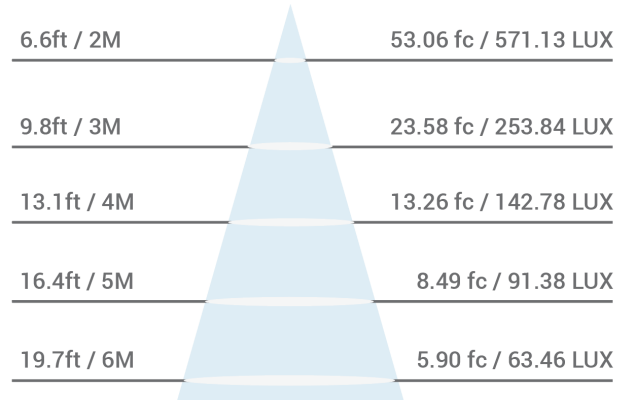
1. Rated Lifetime projected the time needed for the fixture to drop its lumen output to 70% of its initial value, which was measured based on IESNA LM-79-80 luminaire test reports.

2. Calculations are based on TM-21 Projection and ISTMT (In Situ) luminaire test report, estimated rated lifetime (hours) at T_A=25°C (ambient temperature).

POLAR CANELA DISTRIBUTION



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