



Project	
Date	
Prepared by	
Model #	CS3-8905-3

CS3-SERIES COMMERCIAL STRIP



OVERVIEW

The CS3-Series LED Commercial Strip fixture is designed with a polycarbonate diffuser that provides impact resistance and even, low glare light. Combine this with powerful, high output LED chips, these fixtures meet today's stringent efficacy standards and bring your projects maximum energy savings.

PRODUCT HIGHLIGHTS

- Available in 2', 4' and 8' lengths
- 0-10V dimming
- ≥ 80 CRI
- Polycarbonate Diffuser
- Damp Location Rated
- 50,000 hour lifespan
- Ready for ceiling or wall mounting



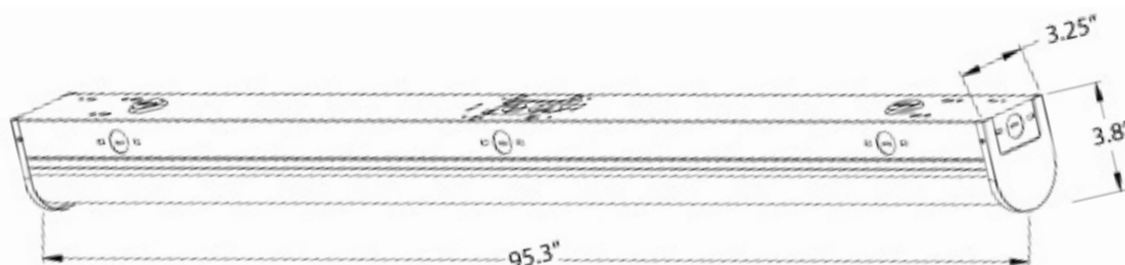
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	11631 lm	Beam Angle (°) ₁	120°
CCT (K) ₁	5000K	Projected Lifetime (L ₇₀)	50,000h
CRI (Ra) ₁	81	Chromaticity Shift	± 200 K
Efficacy (lm/W) ₁	134 lm/W		

ELECTRICAL SPECIFICATIONS

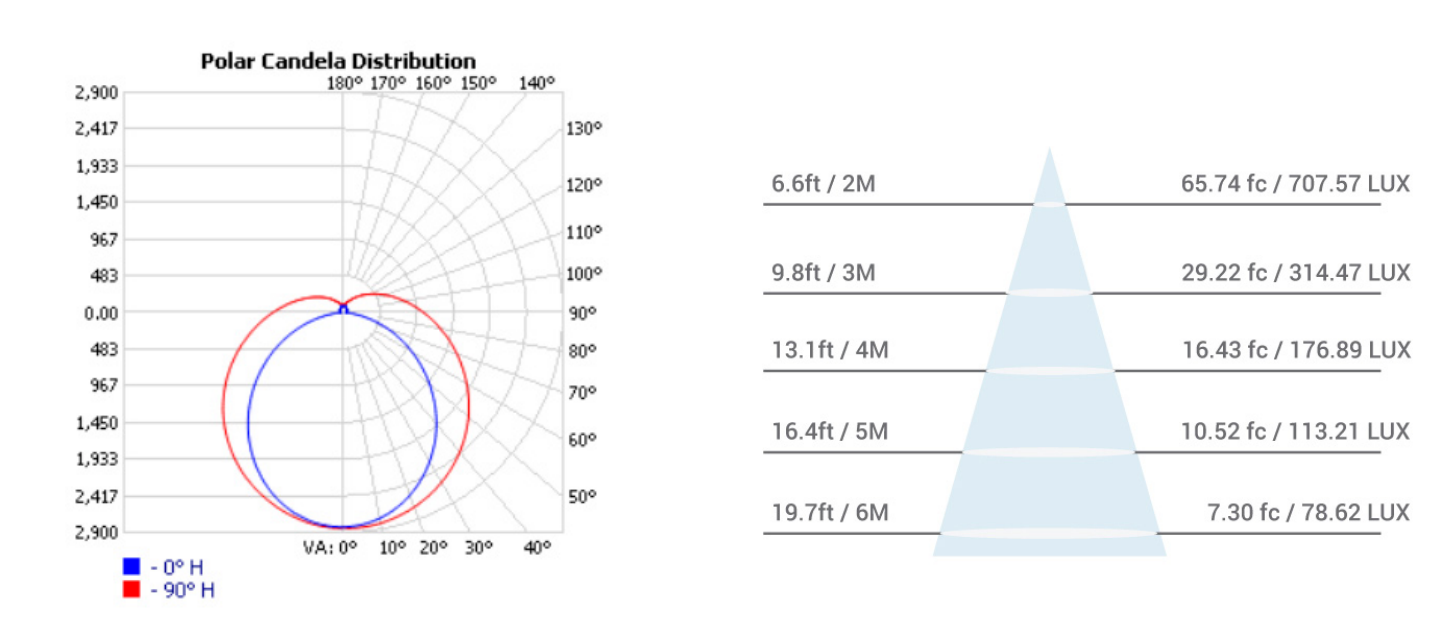
Power	90W	Current Draw at 120V _{AC} (A) ₂	0.79A
Apparent Power (VA)	91VA	Current Draw at 208V _{AC} (A) ₂	0.45A
System Wattage (W)	86.66W	Current Draw at 240V _{AC} (A) ₂	0.39A
Input Voltage	100-347V	Current Draw at 277V _{AC} (A) ₂	0.34A
Replacement For	2 lamp 8FT T12 HO	Current Draw at 347V _{AC} (A) ₂	0.27A

PRODUCT DIMENSIONS



CONSTRUCTION		LED AND DRIVER SPECIFICATIONS	
Housing Material	Iron	LED Type	SMD2835
Housing Color	White	Dimmable	Yes, (0-10V)
Lens Material	Polycarbonate (PC)	Output Voltage (VDC)	30-40V
Dimensions (inch/mm)	96" (L) x 3.25" (W) x 3.8" (H) 2440mm (L) x 83mm (W) x 97mm (H)	Power Factor	0.9
Weight (kg/lbs)	3.5 kg/7.71 lb	THD	4.13%
Installation Method	Wall Mount, Ceiling Mount V-Hooks Included	Surge Protection	2kV
Operation Range (°F/°C)	-30°C to 50°C / -22°F to 122°F	Inrush Current (A)	30A
Warranty	10 years	Driver Class	CLASS 2

APPROVALS AND LISTINGS			
DLC Premium	PZNA9RJM	UTL/ETL	cETLus
CANDELA		ILLUMINANCE AT A DISTANCE	



OPTIONAL ACCESSORIES		
	CS3-8WG	Wire Guard for 8 Foot Commercial Strips

PRODUCT KEY

CS3	-				-	3	-		Adders
Product Series			Wattage			Voltage			
			☐ 20 ☐ 35 ☐ 64 ☐ 90			☐ 3 - 100-347V			
				CCT					
		Length		☐ 4 - 4000K ☐ 5 - 5000K					
		☐ 2 - 24" ☐ 4 - 48" ☐ 8 - 96"							

Example: CS3-2204-3-W18640N03M1

FACTORY INSTALLED ADDERS

Cord Adders

- ☐ W186xx* 18/3 White Cord, specify length

*xx denotes cord length in feet. Please indicate the cord length based on number of feet required.

Cord End Adders

- | | |
|------------------------------|-------------------------------|
| ☐ N01 | 5-15P 125V 15A Straight Plug |
| ☐ N02 | 6-15P 250V 15A Straight Plug |
| ☐ N04 | L5-15P 125V 15A Locking Plug |
| ☐ N05 | L6-15P 250V 15A Locking Plug |
| ☐ N06 | L7-15P 277V 15A Locking Plug |
| ☐ N07 | 5-20P 125V 20A Straight Plug |
| ☐ N08 | 6-20P 250V 20A Straight Plug |
| ☐ N09 | 7-20P 277V 20A Straight Plug |
| ☐ N10 | L5-20P 125V 20A Locking Plug |
| ☐ N11 | L6-20P 250V 20A Locking Plug |
| ☐ N12 | L7-20P 277V 20A Locking Plug |
| ☐ N13 | L24-20P 347V 20A Locking Plug |

Motion Sensor Adders

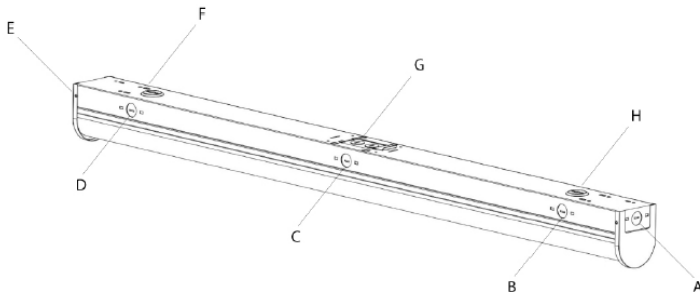
- | | |
|-----------------------------|---------------------------|
| ☐ M1 | PIR Motion Sensor |
| ☐ M4 | 120-277V Microwave Sensor |
| ☐ M5 | 347-480V Microwave Sensor |

Emergency Battery Adders

- ☐ EB1 8W Emergency Battery Backup

Cord and Sensor Installation Position

When ordering, please specify the knockout positions for cords and sensors.



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