

Project: Date: Prepared by: Comments: 

FEATURES

- 5 Year Warranty
- Direct Replacement for 2-lamp T8 (4-ft) or Tandem 4-lamp T8 (8-ft) strip
- Energy Savings of up to 30%
- Lumen Maintenance over 70% @ 50,000+ Hours
- Built to last with durable steel construction and a baked enamel finish
- No UV/IR Radiation, No Toxic Mercury
- Dimming 0-10V
- Die Formed of 24 Gauge Post Painted Steel
- Accommodates a fixture-mounted sensor for added energy savings and convenience
- Can be mounted in continuous row

APPLICATIONS

- Retail Store Lighting
- Task Lighting
- Covered Parking
- Big Box Stores
- Garage
- Utility room

SPECIFICATIONS

Product	ST8N96DMD40
Wattage	84W
Lumens	9892
Efficacy	117 lm/W
Length	96"

Common Specifications

Kelvin Temperature (CCT):	4000K
Dimmable:	Yes- 0-10V
Input Voltage:	AC 120~277V
Max. Ambient Temperature:	113° F
Min. Ambient Temperature:	0° F
CRI:	82

Power Factor:	0.99
THD:	<20%
Beam Angle:	120° deg.
Lens:	White plastic
Product Width:	2.3"
Product Height:	2.75"

CERTIFICATIONS

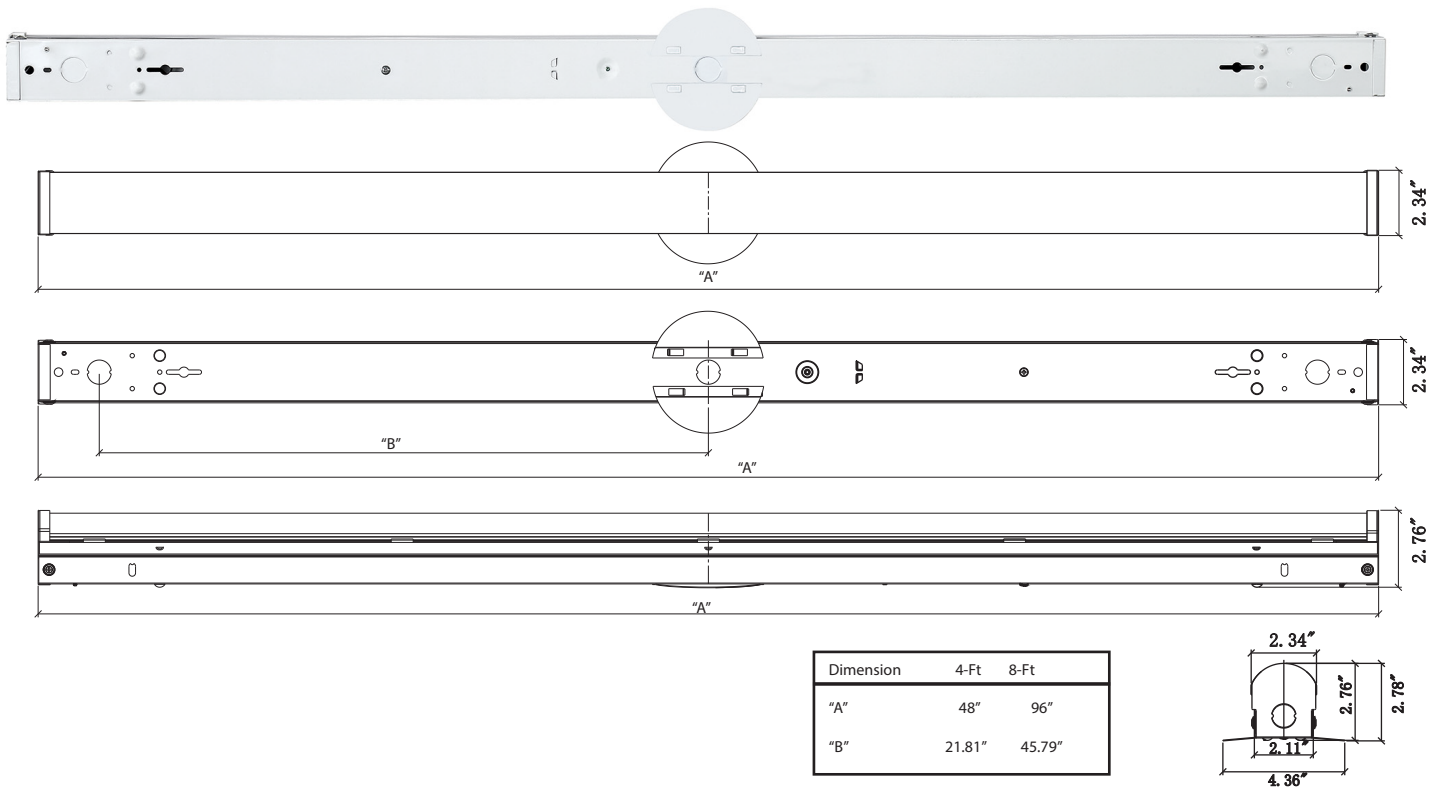
- cUL Listed- Damp Location
- DLC listed for Rebate and Tax Incentive in certain areas



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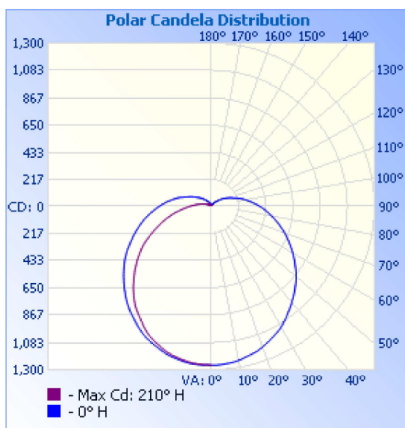
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PHOTOMETRICS

Filename: ST8N96DMD40
Manufacturer: Cordelia Lighting Inc
Luminaire: ST8N96DMD40
Lamp Output: Total luminaire Lumens: 4921.7
Max Candela: 1,266.2 at Horizontal: 210°, Vertical: 5°
Input Wattage: 42
Luminous Opening: Point
Test: 4789420300-2
Test Date: 25/3/2020
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Photometry: Type C
CIE Class: Semi-Direct
Cutoff Class: Noncutoff
Nema Type: 7 X 7



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	995.6	20.2%
0-40	1,648.6	33.5%
0-60	3,022.1	61.4%
60-90	1,358.8	27.6%
70-100	990.8	20.1%
90-120	441.3	9%
0-90	4,380.9	89%
90-180	540.9	11%
0-180	4,921.7	100%

Note: Need to put 4ft strip light next to each other to get the 8ft strip light reading

