



## PRODUCT SPECIFICATION

The CLS is designed for use in industrial and hazardous location environments.

### Mounting

Surface mounts to ceilings via shock absorbing mounting brackets.

### Lens

Optic Plus lens (standard) completely hides diode image while providing minimum 95% light transmission

### Housing

18 gauge cold rolled steel die-formed to shape, seam welded and ground smooth. Stainless steel available.

### Door

One piece, die-formed 16 gauge cold rolled steel with 'J-Hook' hinge system. Stainless steel available.

### Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

### Driver

0-10Vdc dimming, Range 1%-100%  
-40°C Min. starting temperature, >0.9 PF, <20% THD

### Wiring

Wire entry is provided by a 0.50 in. NPT hazardous location conduit hub.

### Certifications

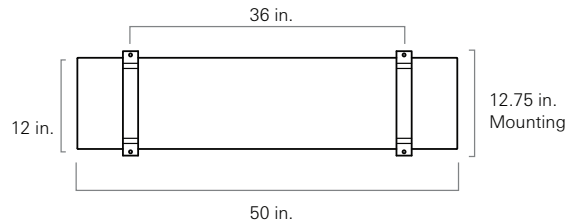
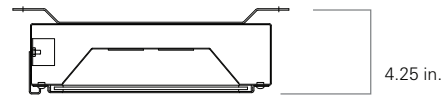
UL 844 marine listed. IP 65 rated. Certified for class 1 division 2 location groups A, B, C, and D; class 2 division 2 location groups F and G; class 3.

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog No. \_\_\_\_\_

Approval \_\_\_\_\_ Date \_\_\_\_\_



#### one Luminaire Size

- 2 2 ft. fixture\*
- 4 4 ft. fixture

#### two LED Rows

- 1L One
- 2L Two
- 3L Three\*

#### three Color Temperature

- 30 3000K\*
- 35 3500K
- 40 4000K
- 50 5000K

#### four Material

- C Cold rolled steel
- S Stainless steel

#### five Finish

- R Brushed stainless steel
- W White

#### six Voltage

- VAR Variable, 120-277 V, 50/60Hz

#### seven Driver

- DM 0-10VDC Dimming, standard\*  
*Dimming option not UL844 Listed*

#### eight Lens

- 15 .150 in. Polycarbonate Prism
- 55 .150 in. Acrylic Prism
- 75 .150 in. Tempered Glass Prism
- 122 Optic Plus LED diffusing acrylic lens, std

#### nine Door Fasteners

- AP Stainless steel allen head with pin
- TP Stainless steel torx head with pin
- PH Phillips, non-security

#### ten Options

- SO Specified output\*\*
- 2H Two conduit hubs, one each end
- EM Emergency battery backup
- NL-LED LED night light\*

\* UL1598 Only  
Not suitable for use with UL844 Listing

\*\* Indicated as SO(xx/xxxx). Specified output, Input watts / delivered lumens to be determined based on specified requirements

Modifications are available to meet custom requirements.

Photometric Data for a 4-ft fixture with two rows (Full Output)

Lumens	Input Watts	Lumens / Watt	CCT	CRI	LED Life
13750	103.18 watts	133	4100K	>80	>100,000

Coefficients of Utilization - Zonal Cavity Method (CLS-LED 1x4)

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.10	1.05	1.01	.98	1.07	1.03	.99	.86	.99	.96	.93	.95	.92	.90	.91	.89	.88	.86
2	1.00	.93	.86	.81	.98	.91	.85	.74	.87	.82	.78	.84	.80	.76	.81	.78	.74	.72
3	.92	.82	.74	.68	.89	.80	.73	.63	.77	.71	.66	.75	.69	.65	.72	.68	.64	.62
4	.84	.73	.64	.58	.82	.72	.64	.55	.69	.62	.57	.67	.61	.56	.65	.60	.55	.53
5	.78	.65	.57	.50	.76	.64	.56	.48	.62	.55	.50	.60	.54	.49	.58	.53	.49	.46
6	.72	.59	.50	.44	.70	.58	.50	.43	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7	.67	.54	.45	.39	.65	.53	.45	.38	.51	.44	.39	.50	.43	.39	.49	.43	.38	.36
8	.62	.49	.41	.35	.61	.48	.41	.34	.47	.40	.35	.46	.39	.35	.45	.39	.34	.33
9	.58	.45	.37	.32	.57	.45	.37	.31	.43	.36	.32	.42	.36	.31	.41	.36	.31	.29
10	.55	.42	.34	.29	.53	.41	.34	.28	.40	.33	.29	.39	.33	.29	.38	.33	.28	.27

CLS-LED - Polar Candela Distribution (CLS-LED 1x4)

