



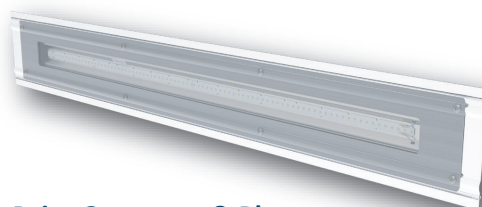
### STANDARD FEATURES

- Class I Div II Hazardous Location
- 0-10V Dimming
- Recess Mount
- Withstands up to 159°F Bake Cycle for 90 min. with fixture power off.
- Surge Protection 6kV
- Daisy Chainable
- No Access - Non Servicable Parts
- Blast Covers (Clear & Diffused) are available upon request
- 5 Year Warranty

Our factory-sealed 4' recess-mounted LED strip fixture is engineered for reliability and safety, to use in a variety of paint spray booths, water wash, and blast booths. With one-piece aluminum housing and tempered glass vision panel, these fixtures provide powerful, consistent lighting while withstanding overspray, moisture, and abrasive conditions.

Powered by efficient 65W dual-voltage dimmable driver (120–277V), the fixture delivers up to 8,485 lumens at a crisp 5000K with excellent color rendering, ideal for your precision finishing applications.

Designed for easy installation with pre-whip feed-through wiring, multiple units can be seamlessly daisy-chained to fit your booth layout.



**Paint Overspray & Blast Booth Cover - Clear**



**Paint Overspray & Blast Booth Cover - Diffused**

<b>AYLF-65W-1-CG-D-5K</b>	Hazardous Enclosure Lighting - 65 Watt, 120-277V, Clear Glass, 0-10V Dimming, 5000 K CCT
<b>100599</b>	Clear Polycarbonate Paint Overspray and Blast Booth Lens Cover
<b>100599</b>	Diffused Polycarbonate Paint Overspray and Blast Booth Lens Cover

ETL listed for hazardous and wet/damp locations, this fixture meets the highest safety standards (UL844/CSA-C22.2 NO.137 and UL1598/CSA-C22.2 NO. 250). Optional frosted polycarbonate protective lens and dimming controls available separately.

# HAZARDOUS ENCLOSURE LIGHTING

Paint and Powder Booths - Blast Booths - Wash Booths - Prep - Sanding

## Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.6 °C	120.0 VAC	0.5277 A	63.21 W	0.998	60 Hz	2.75 %

## Summary of Results

Total Lumen Output	8286 Lumens
Luminaire Efficacy	130.8 lm/w
Maximum Candela	3207 Candela
CCT	5255 K
CRI	82.1
Duv	0.0016
TM-30 Rf	83.0
TM-30 Rg	96.0

## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2461	29.0%
0-40	4032	47.5%
0-60	7141	84.2%
0-90	8426	99.3%
40-90	4394	51.8%
60-90	1285	15.1%
90-180	59	0.7%
0-180	8485	100.0%

## Spacing Criteria

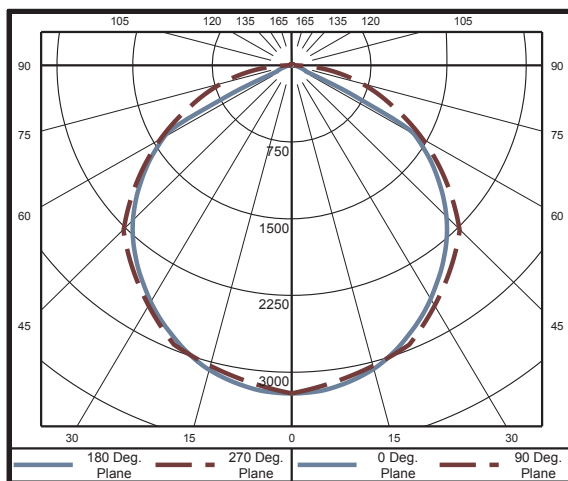
0-180	1.24
90-270	1.27

## Average Luminance cd/m<sup>2</sup>

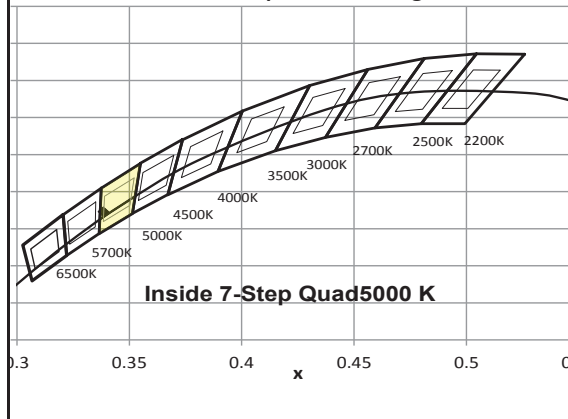
Vertical Angle	Horizontal Angle 0°
0	43460
45	40595
55	38887
65	13443
75	4128
85	3874

## Cone of Light Tabulation

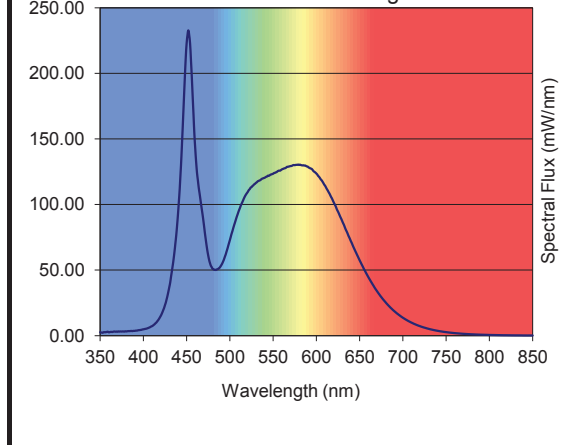
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	200	4.98
6.00	89.1	7.47
8.00	50.1	9.95
10.0	32.1	12.4
12.0	22.3	14.9
14.0	16.4	17.4
16.0	12.5	19.9



## 4 and 7-Step CCT Quadrangles



## Flux vs Wavelength



## Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	3207	
5	3166	300
10	3108	
15	3036	857
20	2946	
25	2831	1304
30	2682	
35	2509	1571
40	2326	
45	2137	1644
50	1903	
55	1645	1465
60	1349	
65	817	845
70	465	
75	295	325
80	199	
85	105	114
90	12	

## Color Rendering Index Details

Ra (CRI)	
R1	80.7
R2	87.1
R3	90.7
R4	82.1
R5	81.1
R6	81.5
R7	86.7
R8	67.2
R9	5.4
R10	68.4
R11	80.9
R12	59.0
R13	82.3
R14	94.9

## Chromaticity Coordinates

Chromaticity (x)	0.3384
Chromaticity (y)	0.3492
Chromaticity (u)	0.2078
Chromaticity (v)	0.3217
Chromaticity (u')	0.2078
Chromaticity (v')	0.4825
Duv	0.0016

Testing was performed in accordance with LM-79-08

The results contained in this summary pertain only to report #15638475.01A