

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P954742

Luminaire Tested: **GALN-SB7D-930-U-5MQ**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954742
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB7D-930-U-5MQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 90 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V MEDIUM OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 52723 lumens
Efficiency: N/A
Efficacy: 102.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G5

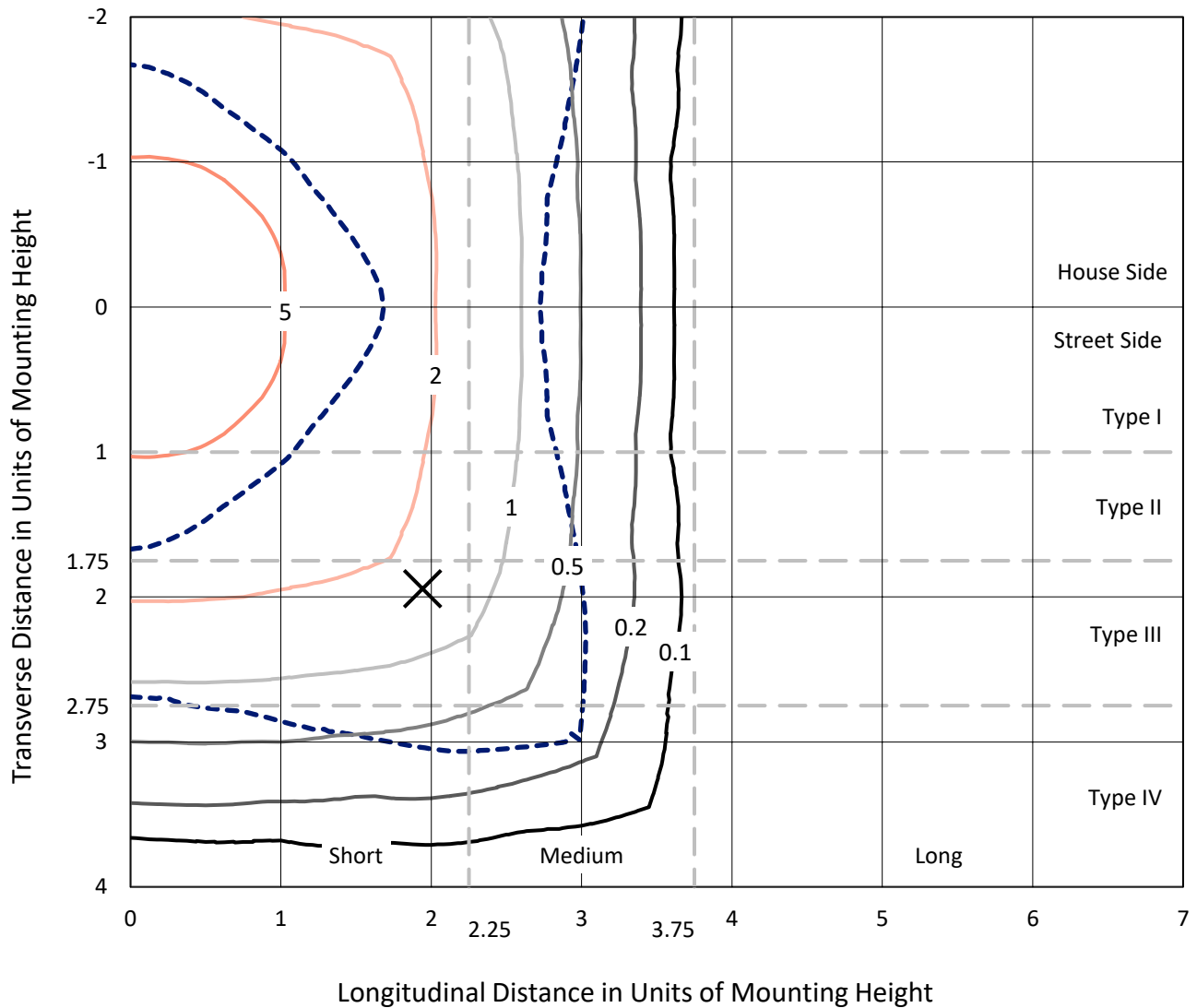
Input Watts (W): 512.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P954742
 CATALOG NUMBER: GALN-SB7D-930-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

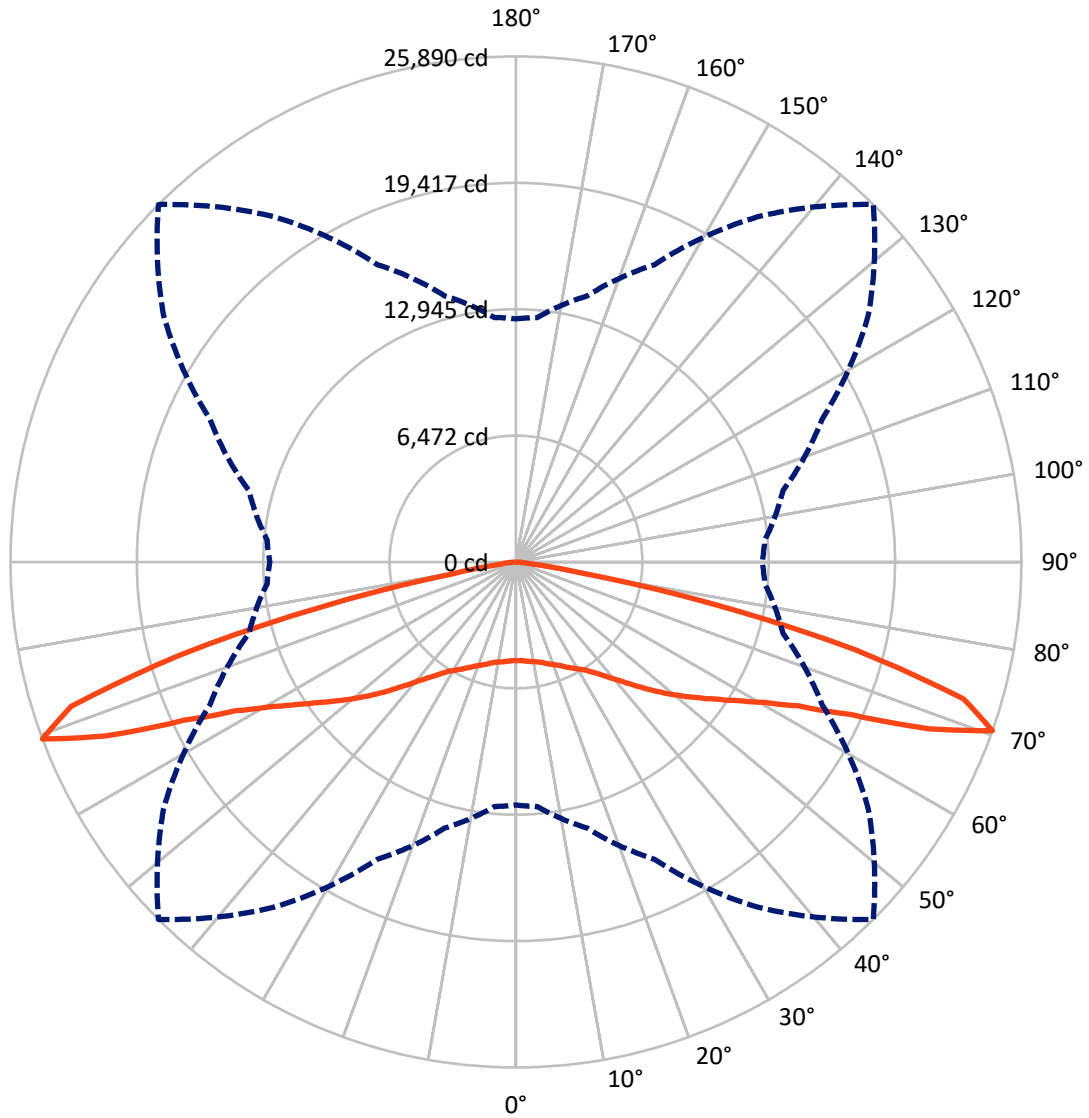
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.1 fc
 Type V - Short - N/A

REPORT NUMBER: P954742
CATALOG NUMBER: GALN-SB7D-930-U-5MQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P954742

CATALOG NUMBER: GALN-SB7D-930-U-5MQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26361.5	0.0	26361.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	26361.5	0.0	26361.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	52723.0	0.0	52723.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	490.6	0.9
10°-20°	1521.4	2.9
20°-30°	2718.9	5.2
30°-40°	4407.4	8.4
40°-50°	7178.9	13.6
50°-60°	10945.4	20.8
60°-70°	16283.2	30.9
70°-80°	8874.9	16.8
80°-90°	302.2	0.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	52723.0	100.0
0°-180°	52723.0	100.0

Coefficient of Utilization



REPORT NUMBER: P954742

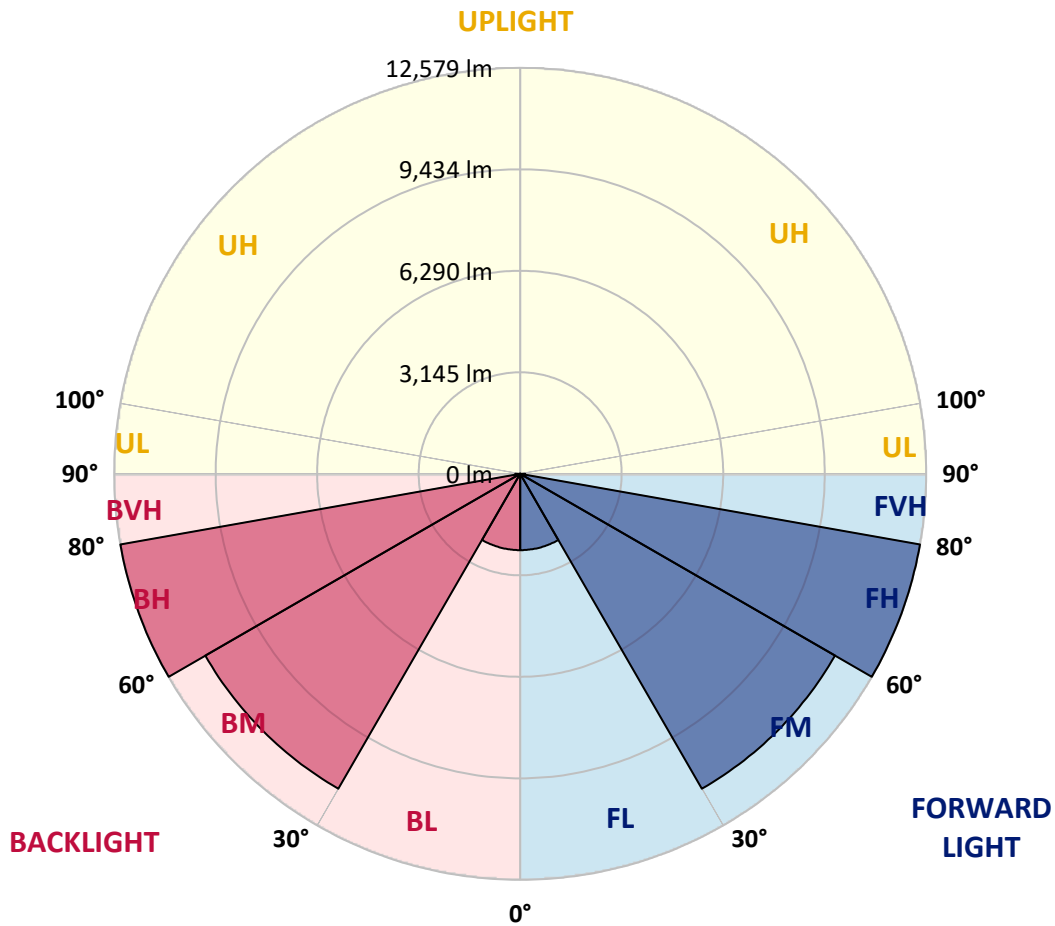
CATALOG NUMBER: GALN-SB7D-930-U-5MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2365.5	4.5			
FM (30°-60°)	11265.8	21.4			
FH (60°-80°)	12579.1	23.9			G5
FVH (80°-90°)	151.1	0.3			G2/225
BL (0°-30°)	2365.5	4.5	B3/2500		
BM (30°-60°)	11265.8	21.4	B5		
BH (60°-80°)	12579.1	23.9	B5		G5
BVH (80°-90°)	151.1	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type V Short



90°
5050.3
5076.8
5116.5
5164.1
5209.1
5254.1
5325.6
5412.9
5513.5
5614.1
5727.9
5884.1
6106.4
6408.2
6789.3
7255.2
7800.5
8401.3
9041.9
9669.2
10328.3
10918.5
11511.4
12183.8
12959.3
13967.8
14883.6
14616.3
12612.6
7980.5
2218.1
553.2
296.5
195.9
127.1
52.9
0.0

OF REPORT)