

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: P832515

Luminaire Tested: **TTN-D0-750-U-WQ-SG**

Issue Date: 5/14/2024

Test Information

Test Method: LM-79-08
Report Number: P832515
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2312-254-16)
Test Lab: INNOVATION CENTER
Issue Date: 5/14/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: TTN-D0-750-U-WQ-SG
Description: TOPTIER NANO LED PARKING GARAGE LUMINAIRE
5000K, 70 CRI LEDS AND WIDE DISTRIBUTION WITH SOLITE GLASS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1131.1 lumens
Efficiency: N/A
Efficacy: 105.7 lumens/watt
Luminous Opening: Circular (Dia: 0.71' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G1

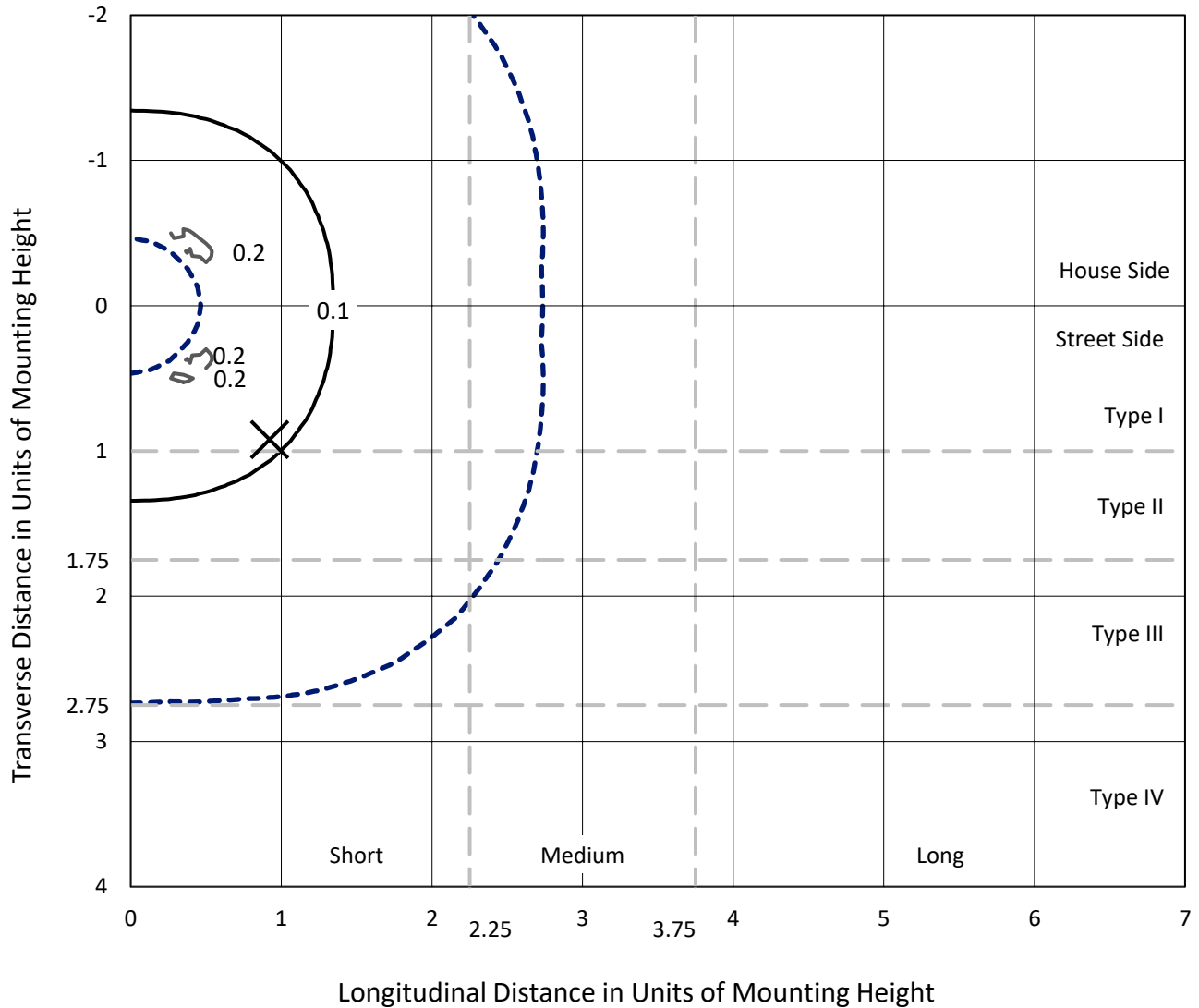
Input Watts (W): 10.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

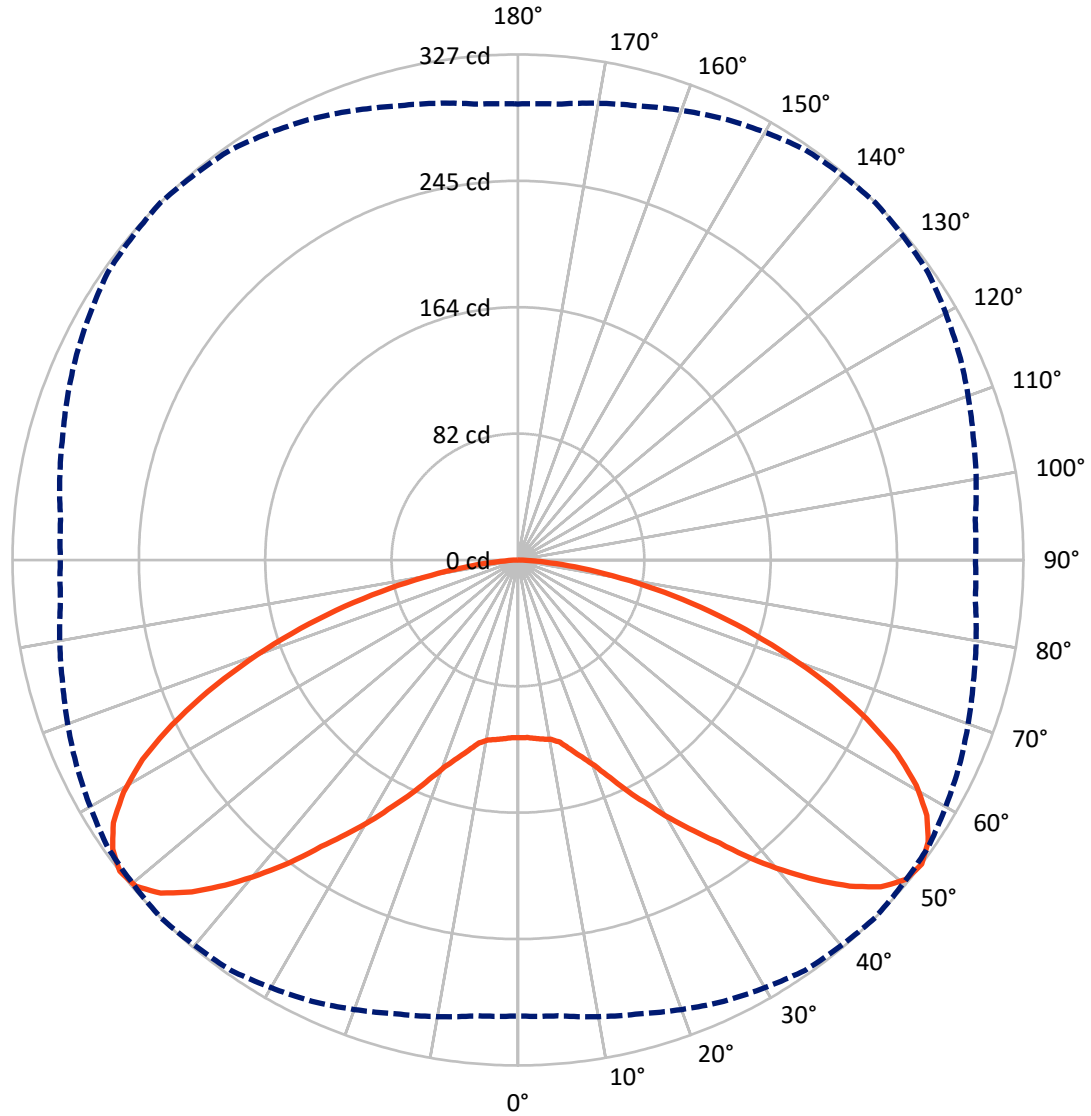
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.2 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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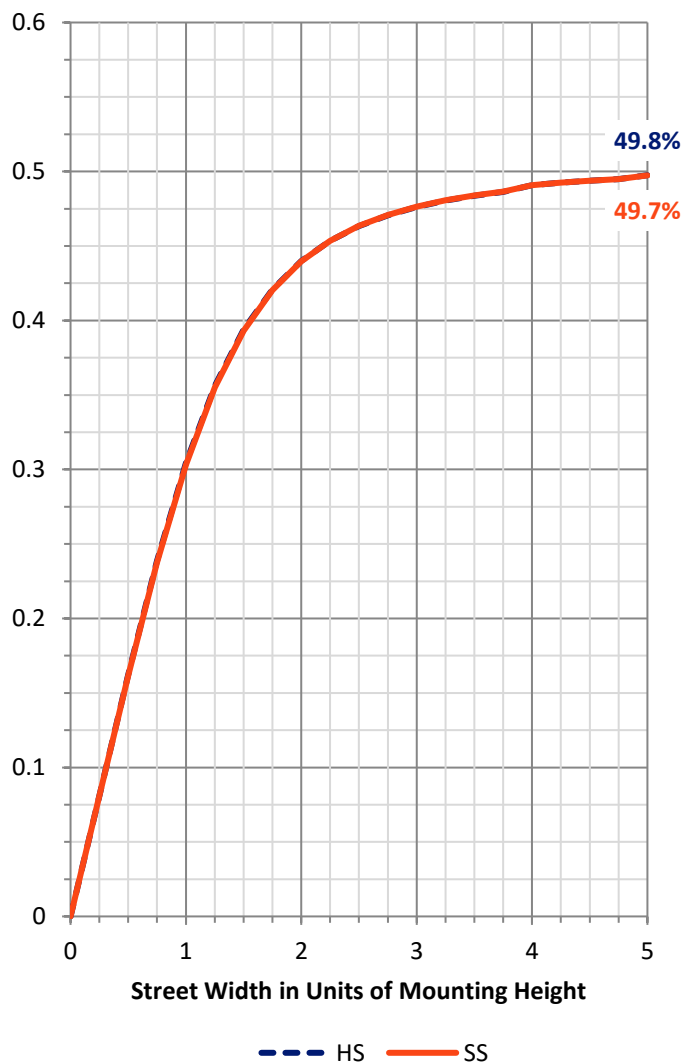
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	565.6	0.0	565.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	565.6	0.0	565.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	1131.1	0.0	1131.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.1	1.0
10°-20°	36.5	3.2
20°-30°	77.0	6.8
30°-40°	140.7	12.4
40°-50°	224.0	19.8
50°-60°	270.9	23.9
60°-70°	227.8	20.1
70°-80°	120.7	10.7
80°-90°	22.3	2.0
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°	1131.1	100.0
0°-180°	1131.1	100.0

Coefficient of Utilization



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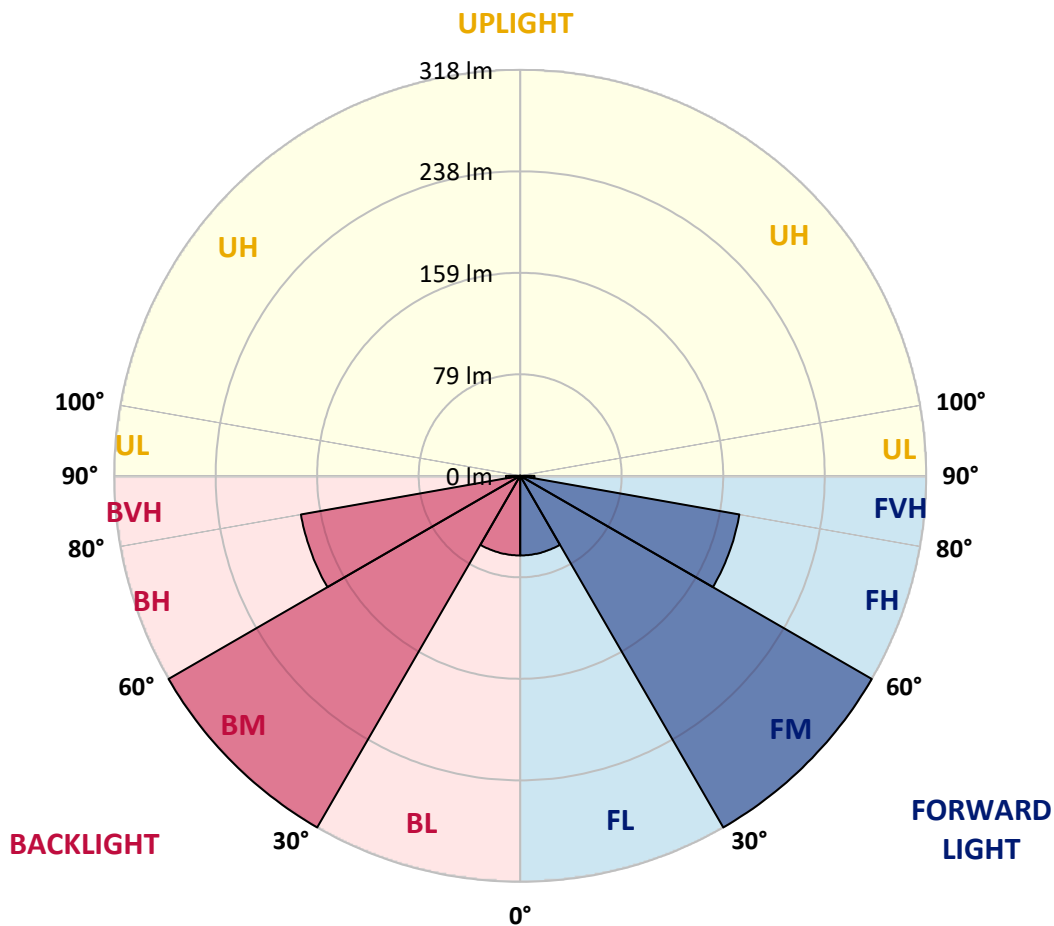
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	62.3	5.5			
FM (30°-60°)	317.8	28.1			
FH (60°-80°)	174.3	15.4			G0/660
FVH (80°-90°)	11.2	1.0			G1/100
BL (0°-30°)	62.3	5.5	B0/110		
BM (30°-60°)	317.8	28.1	B1/1000		
BH (60°-80°)	174.3	15.4	B1/500		G0/660
BVH (80°-90°)	11.2	1.0			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	115	115	115	115	115	115	115	115	115	115	115
2.5°	115	115	115	115	115	115	115	115	115	115	115
5°	116	116	115	116	116	116	116	116	116	116	116
7.5°	116	116	116	117	117	117	117	116	116	116	116
10°	118	118	118	118	118	118	118	118	118	118	118
12.5°	121	121	121	121	121	121	121	121	121	121	121
15°	126	126	126	126	127	127	127	126	126	126	126
17.5°	132	132	133	133	134	134	134	133	132	133	132
20°	141	141	141	142	143	142	143	141	141	141	141
22.5°	151	151	151	152	153	153	153	151	151	151	151
25°	163	163	163	164	165	166	166	164	163	163	162
27.5°	175	175	177	178	179	179	179	177	176	176	176
30°	189	189	191	192	194	194	194	191	190	189	189
32.5°	202	203	205	207	209	209	210	206	204	203	203
35°	216	217	219	222	224	225	226	222	219	218	218
37.5°	232	233	236	239	243	245	246	240	235	233	233
40°	250	251	254	258	262	264	265	259	254	252	251
42.5°	265	267	270	276	280	283	283	276	270	267	267
45°	279	281	286	292	298	301	300	293	286	282	281
47.5°	290	292	298	305	313	316	315	307	298	293	292
50°	296	297	304	314	322	325	323	315	305	298	297
52.5°	295	296	304	315	324	327	324	315	305	297	296
55°	289	290	298	310	319	322	319	310	299	291	290
57.5°	278	279	287	299	309	312	308	298	287	279	279
60°	262	263	271	284	293	296	291	283	272	263	262
62.5°	241	241	250	263	271	275	270	261	251	241	242
65°	216	215	224	236	245	248	243	235	225	216	216
67.5°	190	190	197	207	215	218	213	206	198	190	190
70°	162	162	167	177	184	186	183	176	169	162	162
72.5°	134	133	138	146	152	154	151	147	139	134	134
75°	106	105	108	115	120	122	119	116	110	106	106
77.5°	79	78	81	87	90	91	89	87	82	79	79
80°	54	53	55	59	62	62	61	60	56	54	55
82.5°	32	31	33	36	38	37	37	36	33	32	32
85°	14	13	14	16	18	17	17	17	15	14	14
87.5°	2	2	2	3	4	3	3	3	2	2	2
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)