

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: P823268

Luminaire Tested: **TTN-D0-740-U-MQ**

Issue Date: 4/16/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P823268  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2312-254-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: TTN-D0-740-U-MQ  
Description: TOPTIER NANO LED PARKING GARAGE LUMINAIRE  
4000K, 70 CRI LEDS AND MEDIUM DISTRIBUTION  
Light Source: -  
Ballast/Driver: -

**Summary**

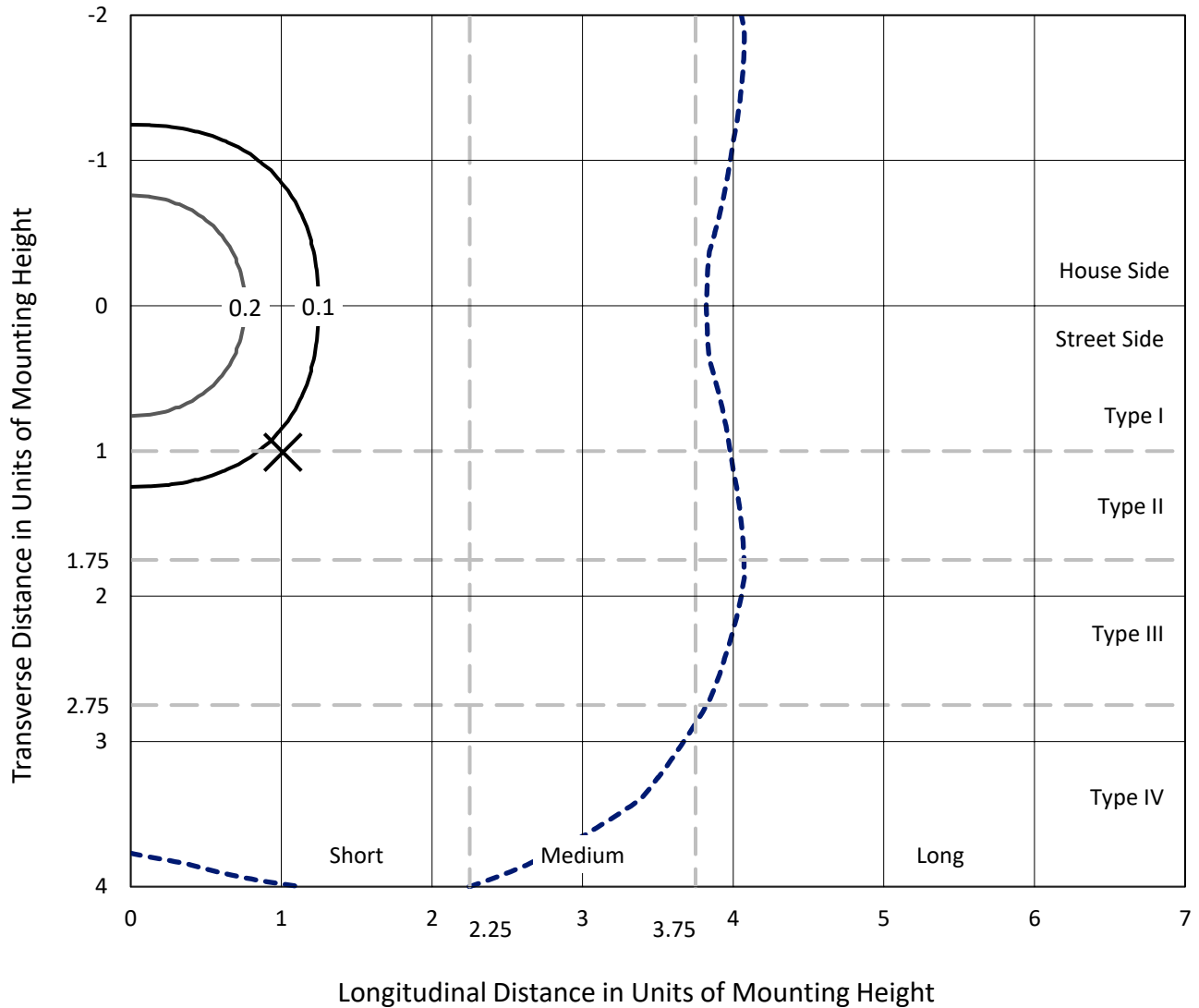
Lumens per Lamp: N/A  
Luminaire Lumens: 1273.8 lumens  
Efficiency: N/A  
Efficacy: 119.0 lumens/watt  
Luminous Opening: Circular (Dia: 0.71' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B1 - U0 - G1  
  
Input Watts (W): 10.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage 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

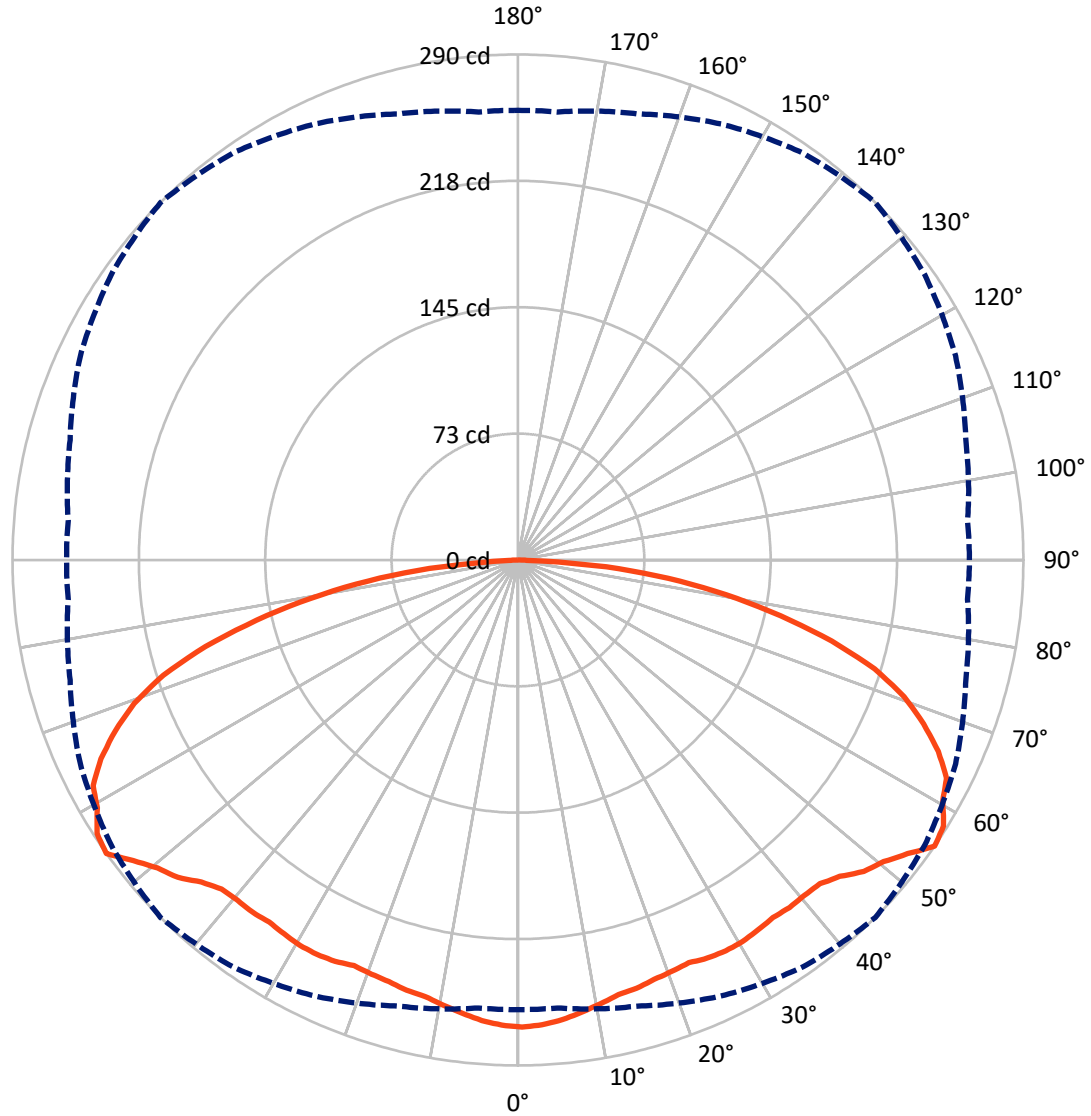
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.4 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 55-Deg Vertical

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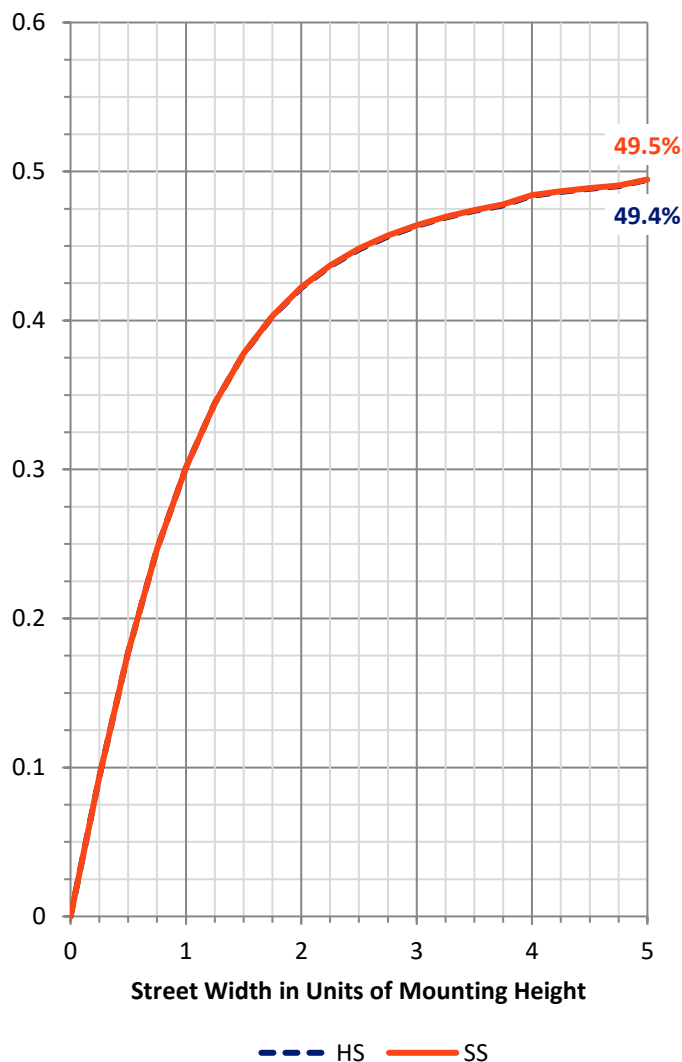
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	636.9	0.0	636.9
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	636.9	0.0	636.9
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	1273.8	0.0	1273.8
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.1	2.0
10°-20°	72.0	5.7
20°-30°	116.4	9.1
30°-40°	157.5	12.4
40°-50°	197.3	15.5
50°-60°	241.7	19.0
60°-70°	242.3	19.0
70°-80°	174.9	13.7
80°-90°	46.6	3.7
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°	1273.8	100.0
0°-180°	1273.8	100.0

**Coefficient of Utilization**



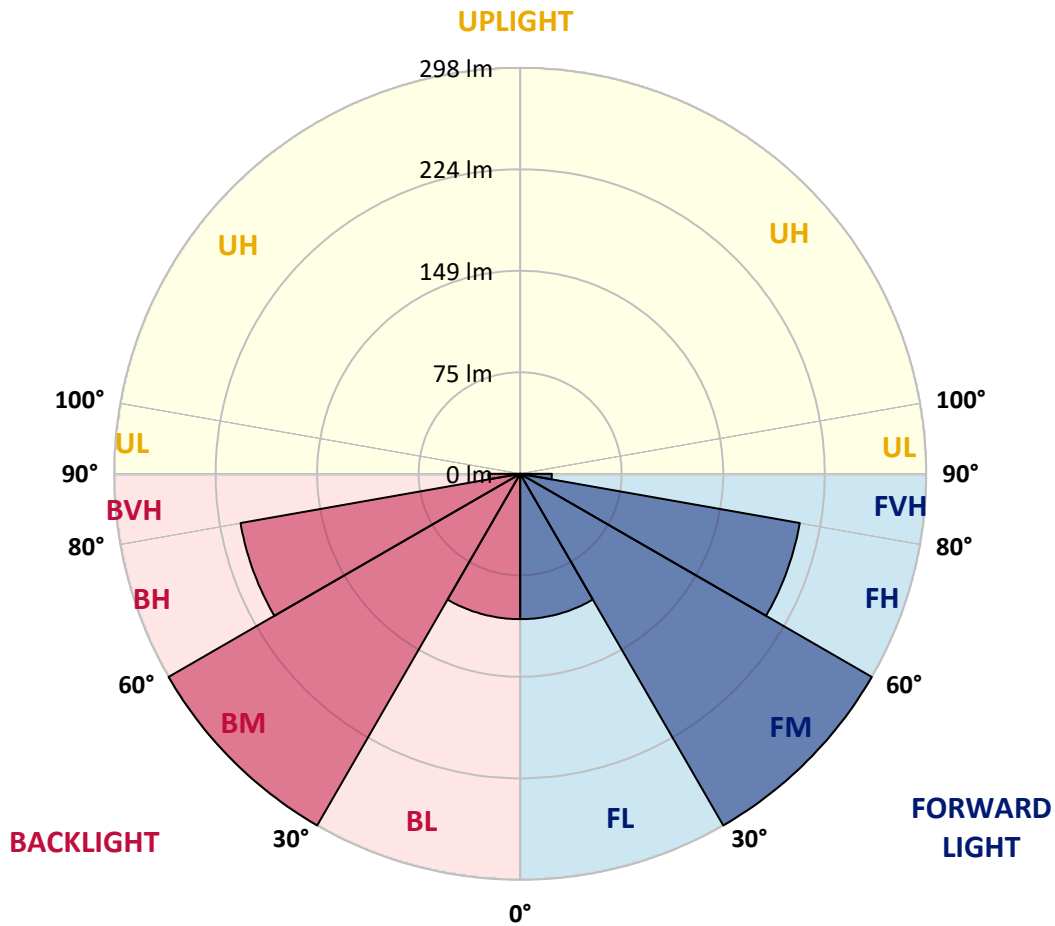
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	106.7	8.4			
FM (30°-60°)	298.3	23.4			
FH (60°-80°)	208.6	16.4			G0/660
FVH (80°-90°)	23.3	1.8			G1/100
BL (0°-30°)	106.7	8.4	B0/110		
BM (30°-60°)	298.3	23.4	B1/1000		
BH (60°-80°)	208.6	16.4	B1/500		G0/660
BVH (80°-90°)	23.3	1.8			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°	268	268	268	268	268	268	268	268	268	268	268
2.5°	267	267	267	266	267	267	267	267	267	267	267
5°	265	265	265	265	265	265	265	265	265	265	265
7.5°	262	262	262	262	262	262	262	262	262	262	262
10°	258	258	258	258	259	259	259	259	258	258	258
12.5°	255	255	255	256	256	256	256	256	256	256	255
15°	254	254	254	254	255	255	255	255	254	254	254
17.5°	252	252	252	253	253	253	253	253	252	252	252
20°	250	250	251	251	252	252	252	251	251	250	251
22.5°	250	250	250	251	251	251	251	250	250	250	250
25°	250	250	251	252	252	253	252	251	250	250	250
27.5°	251	251	252	253	253	254	253	252	251	251	251
30°	251	251	252	253	253	254	253	252	251	251	251
32.5°	249	250	251	252	253	253	253	252	251	250	250
35°	248	249	250	251	252	252	252	251	250	249	249
37.5°	247	247	249	250	251	253	252	250	249	248	248
40°	246	247	248	250	251	253	252	250	248	247	247
42.5°	246	246	248	250	252	254	253	251	248	247	246
45°	247	248	251	255	257	259	258	255	250	248	247
47.5°	251	252	255	259	264	267	264	259	255	252	251
50°	253	254	259	264	271	272	271	264	259	254	254
52.5°	257	257	263	272	278	280	278	273	263	258	257
55°	258	258	265	276	285	290	285	277	266	259	259
57.5°	252	254	263	274	285	288	285	275	264	255	254
60°	245	248	256	269	277	280	278	269	257	248	247
62.5°	238	242	251	261	273	276	273	261	251	242	238
65°	223	227	240	252	263	265	264	252	240	227	225
67.5°	208	211	220	239	248	251	249	238	221	211	210
70°	192	195	203	221	230	235	231	221	203	195	194
72.5°	171	175	184	200	209	214	210	200	184	174	172
75°	146	149	160	173	182	186	183	174	160	149	148
77.5°	119	122	132	145	150	154	151	144	132	122	121
80°	90	93	102	112	117	121	118	111	102	93	92
82.5°	59	62	70	78	83	87	84	77	71	62	61
85°	25	28	35	43	47	51	48	42	35	29	28
87.5°	2	3	3	4	3	5	3	3	3	3	3
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)