

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: METALUX

Report Number: P291297

Luminaire Tested: **14GR-LD5-28-A125-UNV-L92765-W2A1-U-3000K**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P291297
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33315)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 14GR-LD5-28-A125-UNV-L92765-W2A1-U-3000K
Description: GRLED 1x4 TUNABLE WHITE TROFFER
WITH A125 LENS
Light Source: (168) 90 CRI LEDS TUNED TO 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2375.0 lumens
Efficiency: N/A
Efficacy: 107.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.21 / 1.26
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

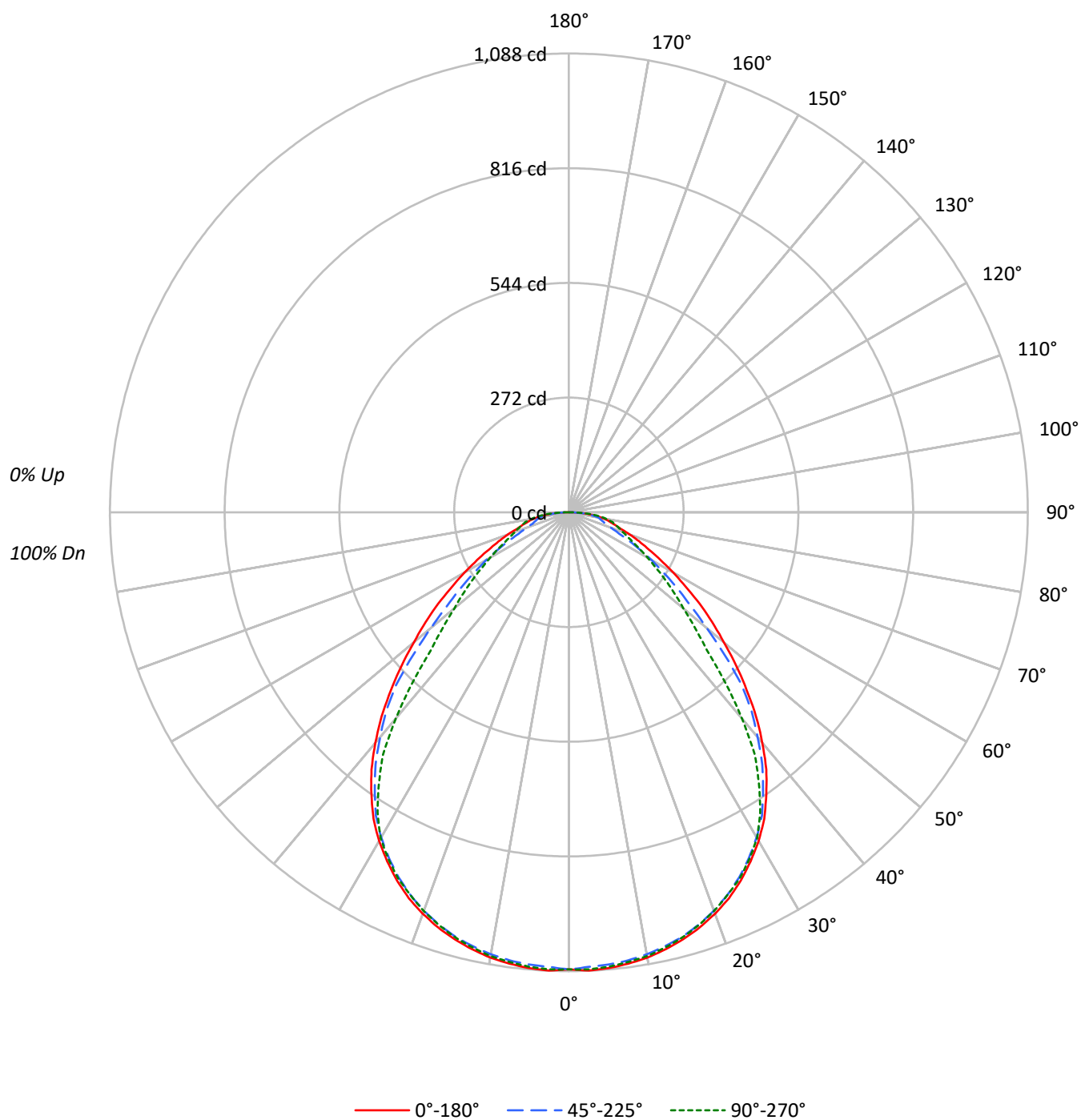
Input Watts (W): 22.041
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.8	4.3
10°-20°	294.6	12.4
20°-30°	440.9	18.6
30°-40°	499.1	21.0
40°-50°	425.1	17.9
50°-60°	287.9	12.1
60°-70°	171.9	7.2
70°-80°	107.4	4.5
80°-90°	45.4	1.9
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°-30°	838.3	35.3
0°-40°	1337.4	56.3
0°-60°	2050.4	86.3
0°-90°	2375.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2375.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1084	1084	1084	1084	1084	
5°	1085	1082	1077	1083	1082	103
15°	1048	1044	1041	1048	1043	296
25°	964	961	955	959	958	443
35°	816	811	802	794	785	509
45°	596	598	579	494	462	460
55°	378	358	312	279	279	338
65°	209	175	152	162	168	211
75°	111	100	83	109	115	120
85°	44	41	38	48	54	47
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1083.8	1083.8	1083.8	1083.8	1083.8
2.5°	1087.6	1084.9	1078.8	1086.0	1084.9
5°	1084.9	1082.1	1076.6	1083.2	1081.6
7.5°	1079.4	1076.6	1071.7	1078.3	1075.5
10°	1072.2	1068.9	1064.0	1071.1	1068.4
12.5°	1061.2	1057.9	1053.5	1060.6	1056.8
15°	1048.0	1044.1	1041.4	1048.0	1043.0
17.5°	1032.0	1028.7	1024.8	1031.4	1025.9
20°	1012.7	1010.0	1005.0	1008.9	1006.1
22.5°	990.7	986.8	981.9	986.3	982.4
25°	963.7	960.9	954.9	959.3	957.6
27.5°	932.8	931.2	924.0	929.5	926.8
30°	899.8	895.4	889.8	891.5	892.0
32.5°	861.7	856.2	851.8	848.0	844.1
35°	816.0	811.0	802.2	794.0	785.2
37.5°	768.6	762.0	753.2	735.0	724.0
40°	713.5	710.2	695.9	670.5	638.6
42.5°	657.3	654.0	641.3	584.6	549.9
45°	596.2	597.8	579.1	493.7	462.3
47.5°	537.8	542.2	501.4	421.5	405.0
50°	479.4	484.3	425.9	364.2	354.3
52.5°	428.1	424.3	363.1	319.6	315.2
55°	378.5	357.6	312.4	278.8	278.8
57.5°	327.8	298.1	265.6	244.1	244.1
60°	284.9	247.9	225.4	211.0	215.4
62.5°	245.2	206.1	186.8	184.0	189.5
65°	209.4	174.7	151.5	162.0	167.5
67.5°	180.2	149.3	124.5	146.6	149.9
70°	153.2	130.0	105.2	135.0	135.5
72.5°	128.4	114.6	90.4	122.3	124.5
75°	111.3	99.7	83.2	109.1	114.6
77.5°	97.5	85.4	76.6	94.2	104.7
80°	83.2	70.0	71.1	79.3	89.8
82.5°	63.9	54.0	56.2	65.0	73.3
85°	44.1	40.8	38.0	47.9	54.0
87.5°	23.7	22.0	19.3	27.0	27.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)