

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: SHAPER

Report Number: P25984

Luminaire Tested: **1200OB-26-SJCAC-L5/835-UNV-MW-30**

Test Date: 04/07/15

Test Information

Test Method: LM-79-08
Report Number: P25984
Test Lab: INNOVATION CENTER-P2
Test Date: 04/07/15
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SHAPER
Catalog Number: 1200OB-26-SJCAC-L5/835-UNV-MW-30
Description: SHAPER LED INDOOR PENDANT MOUNT UPLIGHT
Light Source: (36) 3500K METROSPEC LED
12441842
Ballast/Driver: (2) HATCH ELECTRONIC DRIVER
LC25-1050Z-UNV-Q

Summary

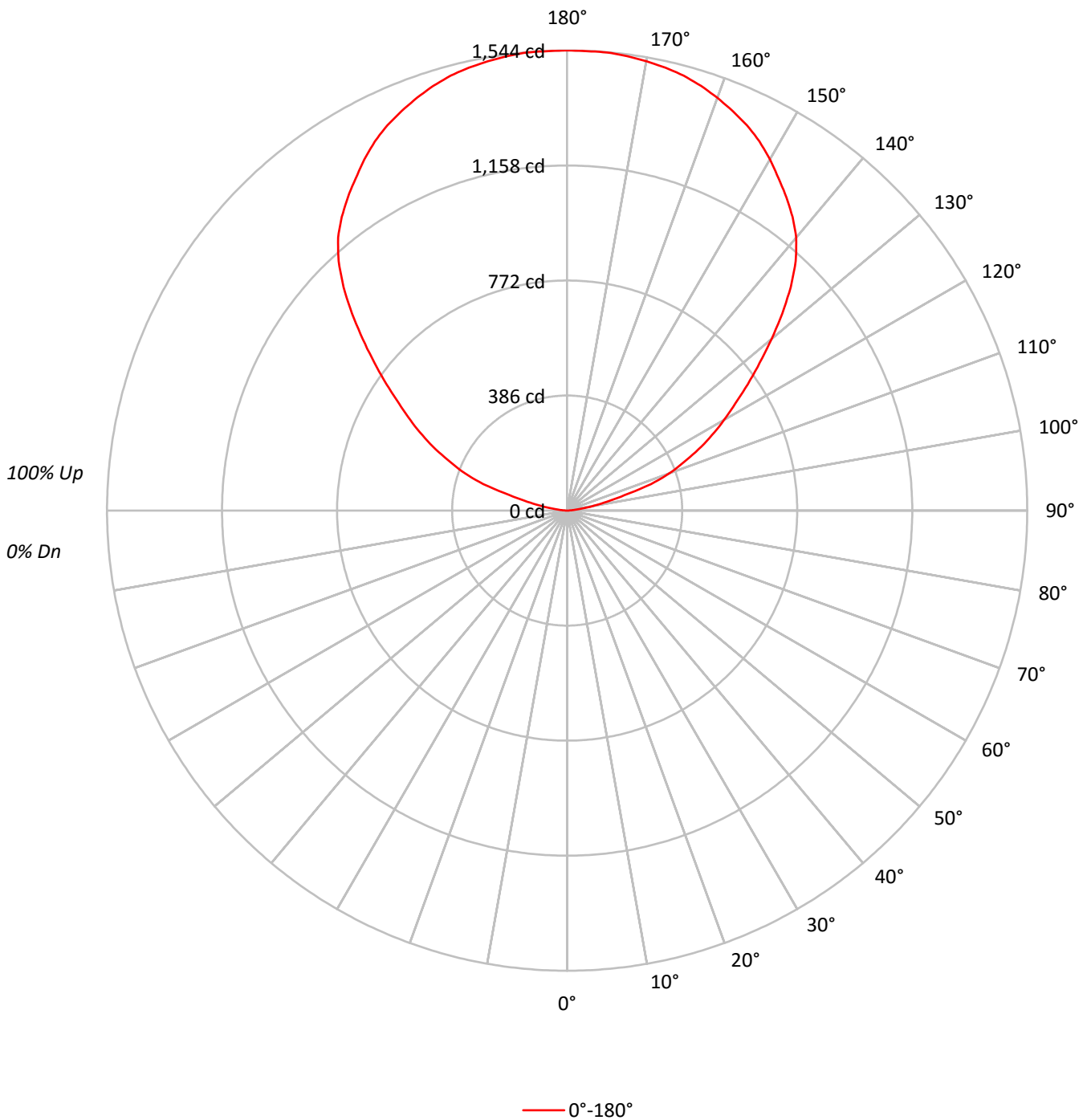
Lumens per Lamp: N/A
Luminaire Lumens: 4250.3 lumens
Efficiency: N/A
Efficacy: 86.4 lumens/watt
N/A
Luminous Opening: Circular (Dia: 2.19' x H: 0')
CIE Type: Indirect

Input Watts (W): 49.2
Input Voltage (V): 120.03
Input Current (Ain): 0.41099
Voltage Rise (V): NR
Power Factor: 0.9986
Total Harmonic Distortion (THDi): 6.31
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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CATALOG NUMBER: 12000B-26-SJCAC-L5/835-UNV-MW-30

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	57	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	27	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

AVERAGE LUMINANCE (cd/sqm):

	0°
95°	690
100°	1451
105°	2202
110°	3057
115°	3300
120°	3483
125°	3695
130°	3988
135°	4297
140°	4472
145°	4486
150°	4501
155°	4510
160°	4493
165°	4480
170°	4453
175°	4436



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.0	0.0
10°-20°	0.0	0.0
20°-30°	0.0	0.0
30°-40°	0.0	0.0
40°-50°	0.0	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	31.8	0.7
100°-110°	225.4	5.3
110°-120°	481.0	11.3
120°-130°	664.9	15.6
130°-140°	813.9	19.1
140°-150°	802.8	18.9
150°-160°	657.2	15.5
160°-170°	426.5	10.0
170°-180°	146.9	3.5
0°-30°	0.0	0.0
0°-40°	0.0	0.0
0°-60°	0.0	0.0
0°-90°	0.0	0.0
90°-120°	738.2	17.4
90°-150°	3019.8	71.0
90°-180°	4250.0	100.0
0°-180°	4250.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
90°	0	
95°	21	32
105°	199	225
115°	487	481
125°	740	665
135°	1061	814
145°	1283	803
155°	1427	657
165°	1511	426
175°	1543	147
180°	1544	



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CANDELA DISTRIBUTION (FULL):

	0°
90°	0
92.5°	6
95°	21
97.5°	46
100°	88
102.5°	136
105°	199
107.5°	295
110°	365
112.5°	423
115°	487
117.5°	548
120°	608
122.5°	669
125°	740
127.5°	815
130°	895
132.5°	979
135°	1061
137.5°	1135
140°	1196
142.5°	1242
145°	1283
147.5°	1321
150°	1361
152.5°	1397
155°	1427
157.5°	1451
160°	1474
162.5°	1494
165°	1511
167.5°	1522
170°	1531
172.5°	1538
175°	1543
177.5°	1543
180°	1544

(END OF REPORT)