

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: PORTFOLIO

Report Number: H22196

Luminaire Tested: **C6032-6000S**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: H22196
Test Lab:
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: C6032-6000S
Description: HALO 6" DIA RECESSED DOWNLIGHT
SPECULAR REFLECTOR - STRAW FINISH
LOW SOCKET SETTING
Light Source: F26TTT 26 WATTS 1800 LUMENS
TRIPLE TUBE COMPACT FLUORESCENT
Ballast/Driver: -

Summary

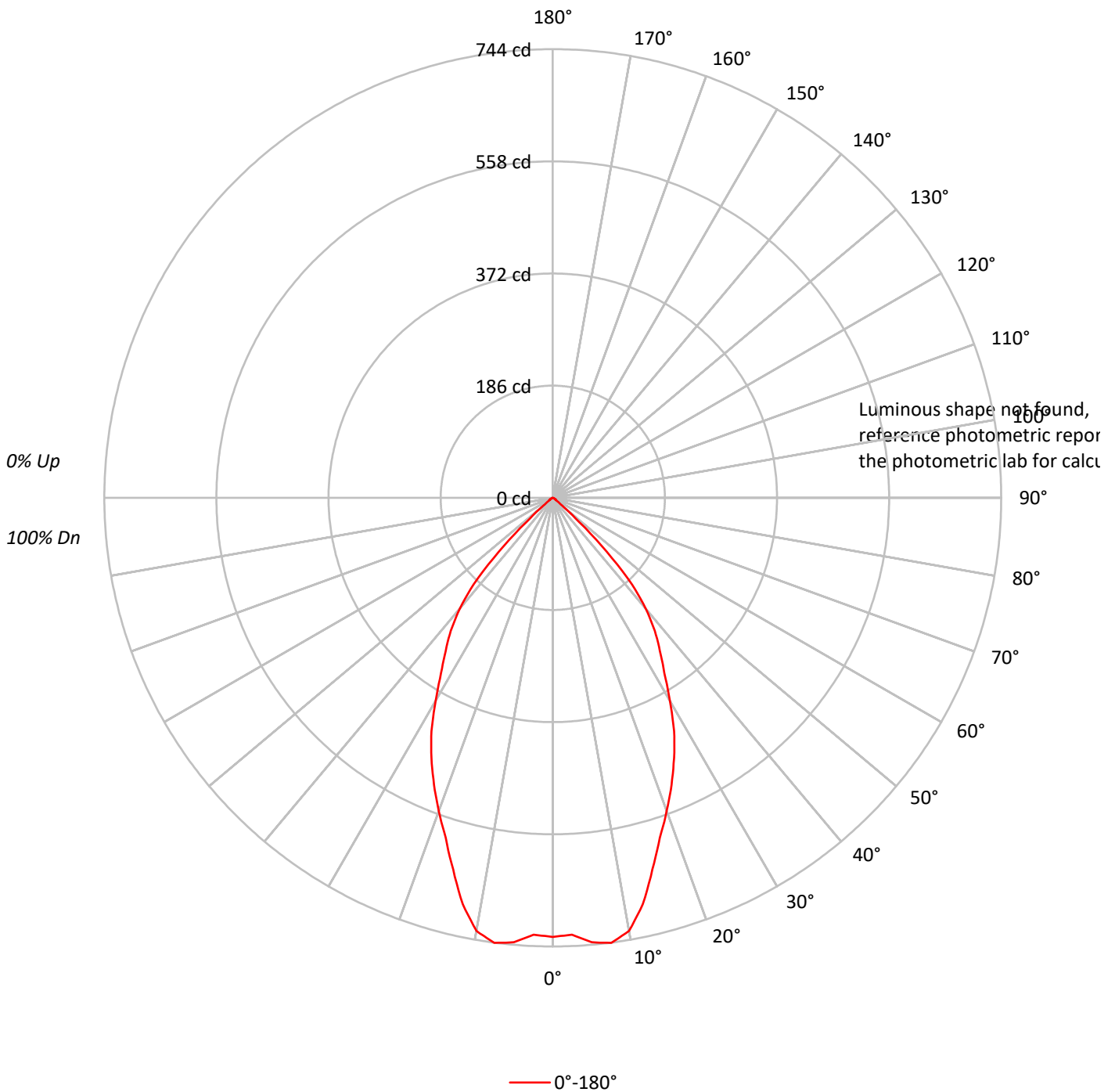
Lumens per Lamp: 1800 (1 lamp)
Luminaire Lumens: 767.9 lumens
Efficiency: 42.7%
Efficacy: 24.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.96
Luminous Opening: (L: 0' x W: -0.47' x H: 0'
CIE Type: Direct

Input Watts (W): 31
Input Voltage (V): NR
Input Current (A_{in}): 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



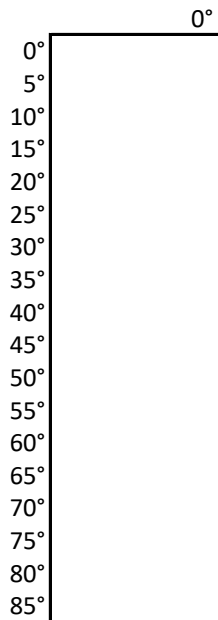


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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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	51	51	51	51	50	50	50	50	47	47	47		45	45	45		44	44	44	43
1	48	47	46	45	47	46	45	44	44	44	43		43	42	42		41	41	40	40
2	46	44	42	40	45	43	41	40	41	40	39		40	39	38		39	38	37	36
3	43	40	38	36	42	40	38	36	39	37	35		38	36	35		37	35	34	34
4	41	37	35	33	40	37	35	33	36	34	32		35	33	32		34	33	32	31
5	39	35	32	30	38	34	32	30	34	31	30		33	31	29		32	31	29	29
6	36	32	30	28	36	32	29	28	31	29	27		31	29	27		30	28	27	26
7	34	30	27	26	34	30	27	26	29	27	25		29	27	25		28	26	25	24
8	33	28	26	24	32	28	25	24	28	25	24		27	25	23		27	25	23	23
9	31	27	24	22	30	26	24	22	26	24	22		26	23	22		25	23	22	21
10	29	25	22	21	29	25	22	21	24	22	20		24	22	20		24	22	20	20

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

CANDELA DISTRIBUTION:

Zone	Lumens	% Fixture	% Lamp	0°	Flux	
0°-10°	70.4	9.2	3.9	0°	728	
10°-20°	178.8	23.3	9.9	5°	740	70
20°-30°	217.3	28.3	12.1	15°	638	179
30°-40°	194.0	25.3	10.8	25°	476	217
40°-50°	96.4	12.6	5.4	35°	310	194
50°-60°	7.6	1.0	0.4	45°	127	96
60°-70°	2.8	0.4	0.2	55°	7	8
70°-80°	0.6	0.1	0.0	65°	3	3
80°-90°	0.0	0.0	0.0	75°	0	1
90°-100°	0.0	0.0	0.0	85°	0	0
100°-110°	0.0	0.0	0.0	90°	0	0
110°-120°	0.0	0.0	0.0	95°	0	0
120°-130°	0.0	0.0	0.0	105°	0	0
130°-140°	0.0	0.0	0.0	115°	0	0
140°-150°	0.0	0.0	0.0	125°	0	0
150°-160°	0.0	0.0	0.0	135°	0	0
160°-170°	0.0	0.0	0.0	145°	0	0
170°-180°	0.0	0.0	0.0	155°	0	0
0°-30°	466.5	60.7	25.9	165°	0	0
0°-40°	660.5	86.0	36.7	175°	0	0
0°-60°	764.5	99.6	42.5	180°	0	0
0°-90°	767.9	100.0	42.7			
90°-120°	0.0	0.0	0.0			
90°-150°	0.0	0.0	0.0			
90°-180°	0.0	0.0	0.0			
0°-180°	767.9	100.0	42.7			



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CANDELA DISTRIBUTION (FULL):

	0°
0°	728.1
2.5°	725.0
5°	739.8
7.5°	744.4
10°	729.3
12.5°	690.3
15°	638.4
17.5°	590.9
20°	552.6
22.5°	514.8
25°	476.1
27.5°	435.9
30°	388.1
32.5°	344.8
35°	309.8
37.5°	277.8
40°	240.1
42.5°	194.8
45°	126.6
47.5°	60.0
50°	19.6
52.5°	9.7
55°	7.1
57.5°	5.5
60°	4.4
62.5°	3.5
65°	2.7
67.5°	2.2
70°	1.7
72.5°	1.3
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0
92.5°	0.0
95°	0.0
97.5°	0.0
100°	0.0
102.5°	0.0
105°	0.0
107.5°	0.0
110°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
112.5°	0.0
115°	0.0
117.5°	0.0
120°	0.0
122.5°	0.0
125°	0.0
127.5°	0.0
130°	0.0
132.5°	0.0
135°	0.0
137.5°	0.0
140°	0.0
142.5°	0.0
145°	0.0
147.5°	0.0
150°	0.0
152.5°	0.0
155°	0.0
157.5°	0.0
160°	0.0
162.5°	0.0
165°	0.0
167.5°	0.0
170°	0.0
172.5°	0.0
175°	0.0
177.5°	0.0
180°	0.0

(END OF REPORT)