

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: H22197

Luminaire Tested: **C6032-6000H**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: H22197  
Test Lab:  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: C6032-6000H  
Description: HALO 6" DIA RECESSED DOWNLIGHT  
SPECULAR HAZE REFLECTOR  
LOW SOCKET SETTING  
Light Source: F26TTT 26 WATTS 1800 LUMENS  
TRIPLE TWIN TUBE COMPACT FLUORESCENT  
Ballast/Driver: -

**Summary**

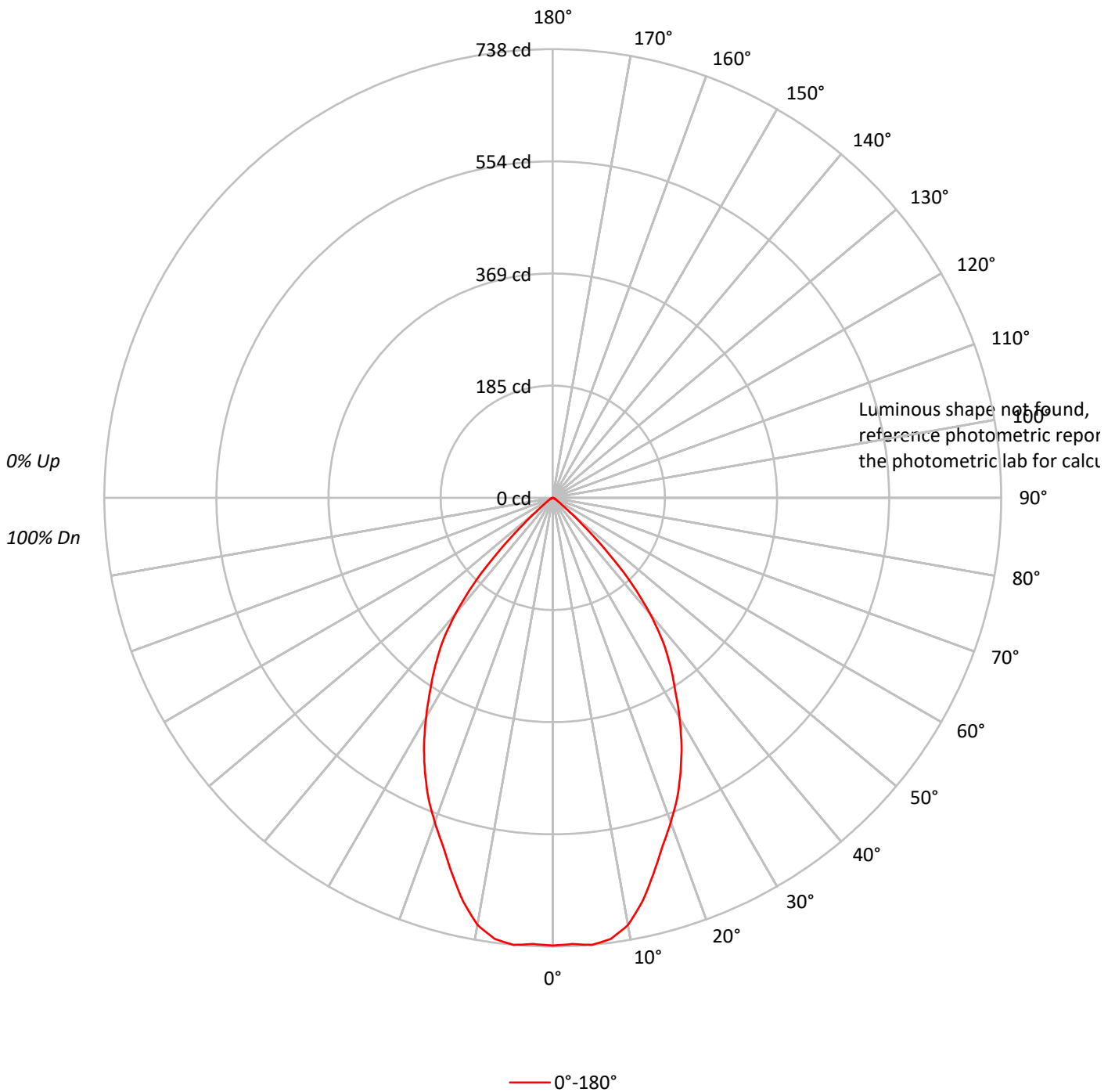
Lumens per Lamp: 1800 (1 lamp)  
Luminaire Lumens: 806.2 lumens  
Efficiency: 44.8%  
Efficacy: 26.9 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.99  
Luminous Opening: (L: 0' x W: -0.47' x H: 0'  
CIE Type: Direct

Input Watts (W): 30  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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



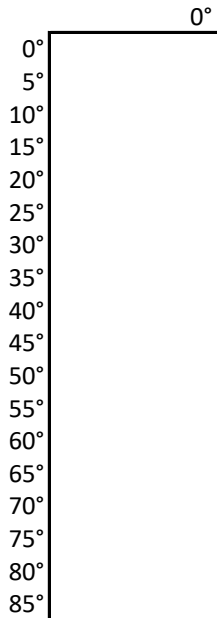


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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

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	53	53	53	53	52	52	52	52	50	50	50	48	48	48	46	46	46	45
1	51	49	48	47	50	48	47	46	47	46	45	45	44	44	43	43	42	41
2	48	46	44	42	47	45	43	42	43	42	41	42	41	40	41	40	39	38
3	45	42	40	38	44	41	39	37	40	38	37	39	38	36	38	37	36	35
4	43	39	36	34	42	38	36	34	37	35	34	37	35	33	36	34	33	32
5	40	36	33	31	39	36	33	31	35	33	31	34	32	31	33	32	30	30
6	38	34	31	29	37	33	31	29	33	30	28	32	30	28	31	29	28	27
7	36	31	28	26	35	31	28	26	30	28	26	30	28	26	29	27	26	25
8	34	29	26	24	33	29	26	24	29	26	24	28	26	24	28	26	24	23
9	32	27	25	23	32	27	25	23	27	24	23	26	24	22	26	24	22	22
10	30	26	23	21	30	26	23	21	25	23	21	25	23	21	25	22	21	20

**AVERAGE LUMINANCE (cd/sqm):**





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**ZONAL LUMENS:**

**CANDELA DISTRIBUTION:**

Zone	Lumens	% Fixture	% Lamp	0°	Flux	
0°-10°	69.7	8.6	3.9	0°	736	
10°-20°	179.4	22.2	10.0	5°	738	70
20°-30°	227.5	28.2	12.6	15°	640	179
30°-40°	208.8	25.9	11.6	25°	498	227
40°-50°	102.7	12.7	5.7	35°	337	209
50°-60°	13.5	1.7	0.8	45°	132	103
60°-70°	3.9	0.5	0.2	55°	12	14
70°-80°	0.7	0.1	0.0	65°	4	4
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°	476.5	59.1	26.5	165°	0	0
0°-40°	685.4	85.0	38.1	175°	0	0
0°-60°	801.6	99.4	44.5	180°	0	0
0°-90°	806.2	100.0	44.8			
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°	806.2	100.0	44.8			



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	736.5
2.5°	734.6
5°	738.3
7.5°	731.8
10°	713.5
12.5°	680.5
15°	640.1
17.5°	600.7
20°	567.6
22.5°	534.8
25°	497.7
27.5°	458.9
30°	416.8
32.5°	375.0
35°	337.1
37.5°	297.5
40°	249.0
42.5°	194.5
45°	132.1
47.5°	73.4
50°	36.0
52.5°	19.2
55°	12.3
57.5°	8.6
60°	6.4
62.5°	4.8
65°	3.7
67.5°	2.9
70°	2.2
72.5°	1.7
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)