

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: H22183

Luminaire Tested: **C6032-6000LI**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: H22183
Test Lab:
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: C6032-6000LI
Description: HALO 6" DIA RECESSED DOWNLIGHT
SPECULAR REFLECTOR CONE
LOW SOCKET SETTING
Light Source: F26TTT 26 WATTS 1800 LUMENS
TRIPLE TWIN TUBE COMPACT FLUORESCENT
Ballast/Driver: -

Summary

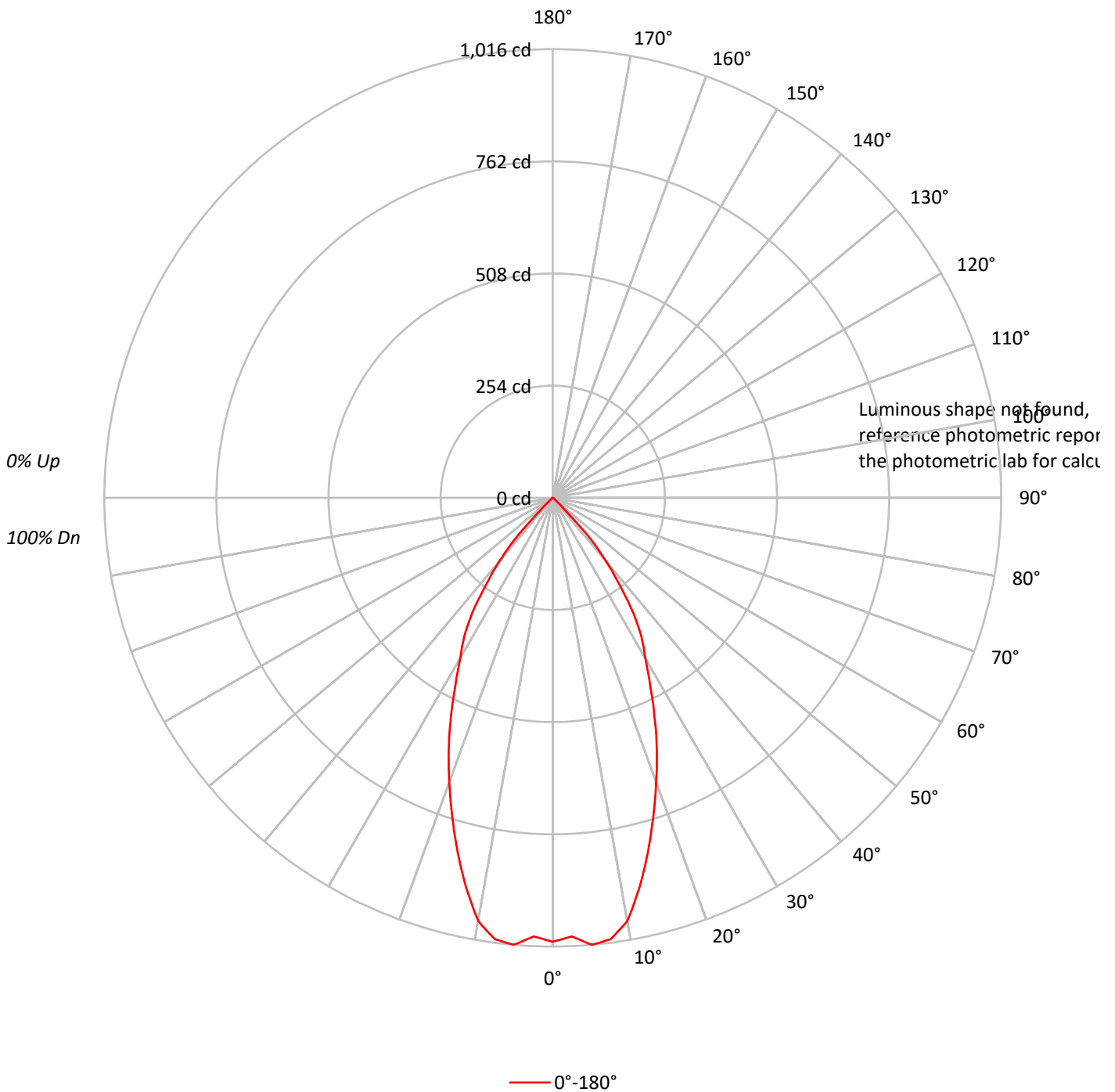
Lumens per Lamp: 1800 (1 lamp)
Luminaire Lumens: 820.2 lumens
Efficiency: 45.6%
Efficacy: 26.5 lumens/watt
Spacing Criteria (0/90/45): 0.81 / 0.81 / 0.85
Luminous Opening: (L: 0' x W: -0.47' x H: 0'
CIE Type: Direct

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



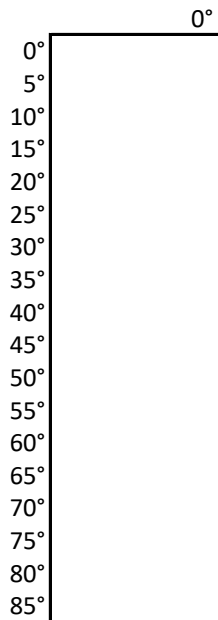


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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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	54	54	54	54	53	53	53	53	51	51	51		48	48	48		46	46	46	46
1	52	51	49	48	51	50	49	48	48	47	46		46	45	45		44	44	44	43
2	49	47	45	44	48	46	45	43	45	44	42		44	42	41		42	41	41	40
3	47	44	42	40	46	43	41	40	42	40	39		41	40	38		40	39	38	37
4	45	41	39	37	44	41	38	37	40	38	36		39	37	36		38	36	35	35
5	42	39	36	34	42	38	36	34	37	35	34		37	35	33		36	34	33	32
6	40	36	34	32	40	36	33	32	35	33	31		35	33	31		34	32	31	30
7	38	34	31	30	38	34	31	29	33	31	29		33	31	29		32	30	29	28
8	36	32	29	28	36	32	29	28	31	29	27		31	29	27		30	29	27	27
9	35	30	28	26	34	30	28	26	30	27	26		29	27	26		29	27	26	25
10	33	29	26	24	33	29	26	24	28	26	24		28	26	24		27	26	24	24

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

CANDELA DISTRIBUTION:

Zone	Lumens	% Fixture	% Lamp	0°	Flux	
0°-10°	95.5	11.6	5.3	0°	1005	
10°-20°	231.3	28.2	12.8	5°	1016	96
20°-30°	249.8	30.5	13.9	15°	832	231
30°-40°	192.4	23.5	10.7	25°	545	250
40°-50°	50.5	6.2	2.8	35°	318	192
50°-60°	0.8	0.1	0.0	45°	39	51
60°-70°	0.0	0.0	0.0	55°	0	1
70°-80°	0.0	0.0	0.0	65°	0	0
80°-90°	0.0	0.0	0.0	75°	0	0
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°	576.5	70.3	32.0	165°	0	0
0°-40°	768.9	93.7	42.7	175°	0	0
0°-60°	820.2	100.0	45.6	180°	0	0
0°-90°	820.2	100.0	45.6			
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°	820.2	100.0	45.6			



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1005
2.5°	994
5°	1016
7.5°	1008
10°	973
12.5°	905
15°	832
17.5°	757
20°	685
22.5°	616
25°	545
27.5°	477
30°	419
32.5°	374
35°	318
37.5°	247
40°	190
42.5°	130
45°	39
47.5°	7
50°	3
52.5°	2
55°	0
57.5°	0
60°	0
62.5°	0
65°	0
67.5°	0
70°	0
72.5°	0
75°	0
77.5°	0
80°	0
82.5°	0
85°	0
87.5°	0
90°	0
92.5°	0
95°	0
97.5°	0
100°	0
102.5°	0
105°	0
107.5°	0
110°	0



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)