

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: H22206

Luminaire Tested: **C6032-6000WH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: H22206
Test Lab:
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: C6032-6000WH
Description: HALO 6" DIA RECESSED DOWNLIGHT
SPECULAR WHEAT REFLECTOR CONE
Light Source: F26TTT 26 WATTS 1800 LUMENS
TRIPLE TWIN TUBE COMPACT FLUORESCENT
Ballast/Driver: -

Summary

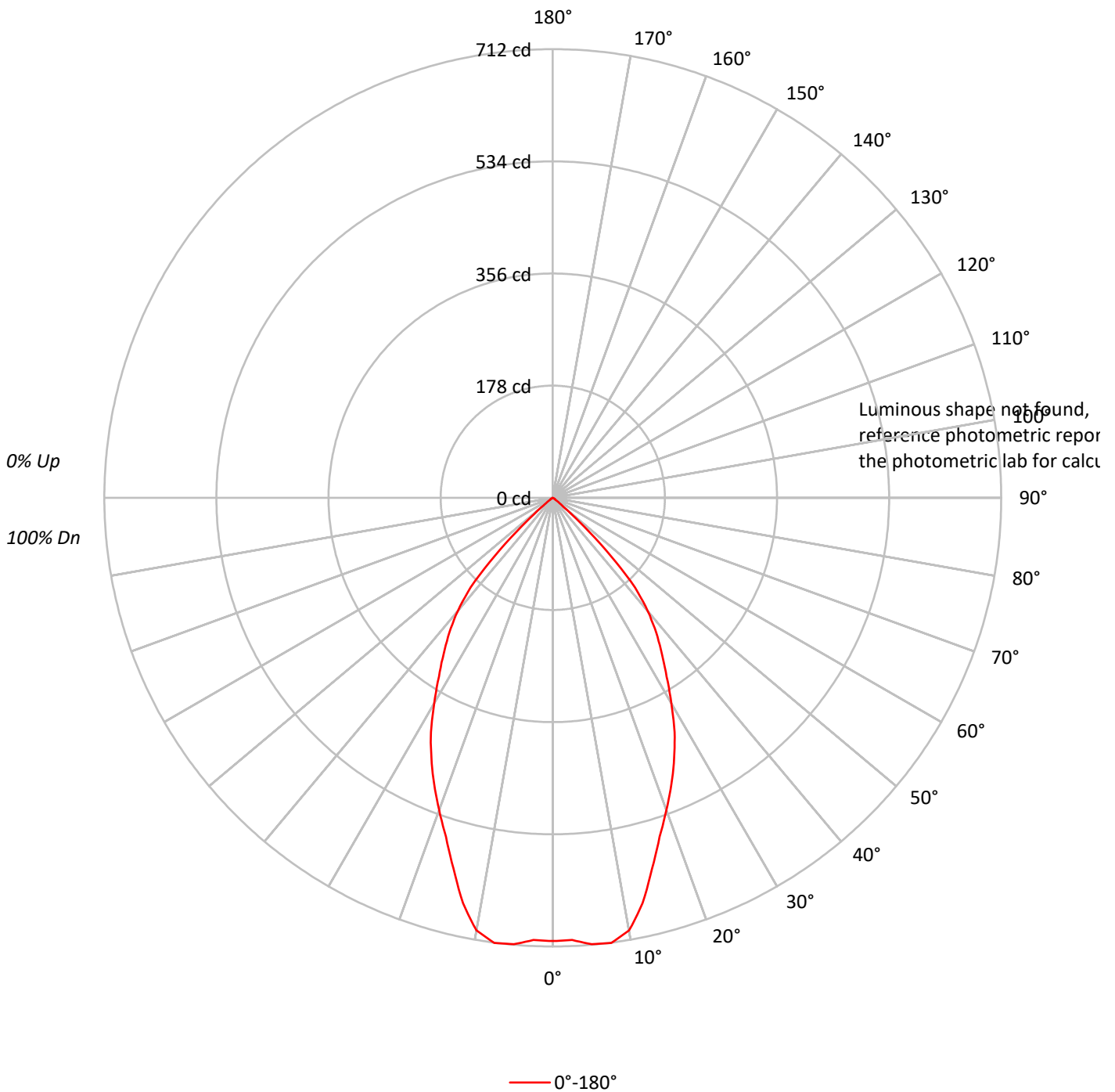
Lumens per Lamp: 1800 (1 lamp)
Luminaire Lumens: 741.5 lumens
Efficiency: 41.2%
Efficacy: 24.7 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.96
Luminous Opening: (L: 0 ' x W: -0.47 ' x H: 0 '
CIE Type: Direct

Input Watts (W): 30
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	49	49	49	49	48	48	48	48	46	46	46		44	44	44		42	42	42	41
1	47	45	44	43	46	45	44	43	43	42	41		41	41	40		40	39	39	38
2	44	42	40	39	43	41	40	38	40	39	38		39	38	37		38	37	36	35
3	42	39	37	35	41	38	36	35	37	36	34		36	35	34		35	34	33	32
4	39	36	34	32	39	36	33	32	35	33	31		34	32	31		33	32	31	30
5	37	34	31	29	37	33	31	29	32	30	29		32	30	28		31	29	28	28
6	35	31	29	27	35	31	28	27	30	28	26		30	28	26		29	27	26	25
7	33	29	27	25	33	29	26	25	28	26	24		28	26	24		27	26	24	24
8	31	27	25	23	31	27	25	23	27	24	23		26	24	23		26	24	22	22
9	30	26	23	21	29	25	23	21	25	23	21		25	23	21		24	22	21	20
10	28	24	21	20	28	24	21	20	24	21	20		23	21	20		23	21	20	19

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

CANDELA DISTRIBUTION:

Zone	Lumens	% Fixture	% Lamp	0°	Flux	
0°-10°	67.5	9.1	3.8	0°	703	
10°-20°	170.7	23.0	9.5	5°	711	68
20°-30°	208.5	28.1	11.6	15°	609	171
30°-40°	188.9	25.5	10.5	25°	456	208
40°-50°	98.2	13.2	5.5	35°	302	189
50°-60°	6.8	0.9	0.4	45°	131	98
60°-70°	1.0	0.1	0.1	55°	6	7
70°-80°	0.0	0.0	0.0	65°	0	1
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°	446.7	60.2	24.8	165°	0	0
0°-40°	635.6	85.7	35.3	175°	0	0
0°-60°	740.5	99.9	41.1	180°	0	0
0°-90°	741.5	100.0	41.2			
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°	741.5	100.0	41.2			



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CANDELA DISTRIBUTION (FULL):

0°	
0°	703.3
2.5°	702.4
5°	711.1
7.5°	712.4
10°	697.3
12.5°	658.7
15°	609.2
17.5°	564.1
20°	527.4
22.5°	492.1
25°	456.0
27.5°	419.1
30°	376.4
32.5°	336.4
35°	301.8
37.5°	269.9
40°	234.9
42.5°	193.2
45°	130.8
47.5°	67.1
50°	21.8
52.5°	8.7
55°	5.5
57.5°	4.2
60°	3.2
62.5°	2.5
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
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)