

Scaled data based on original data using
LM-46-04 Photometric Testing of Indoor Luminaires Using High Intensity Discharge or
Incandescent Filament Lamps (Reaffirmed 2012)

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO

Report Number: E395449

Luminaire Tested: **H2926PL**

Issue Date: 3/3/2020



Test Information

Test Method: LM-46-04
Report Number: E395449
Test Lab:
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: H2926PL
Description: HALO RECESSED FLUOR - BRICK LIGHT, FLAT LENS WITH SHADE
Light Source: PL9, 600 LUMENS
Ballast/Driver: -

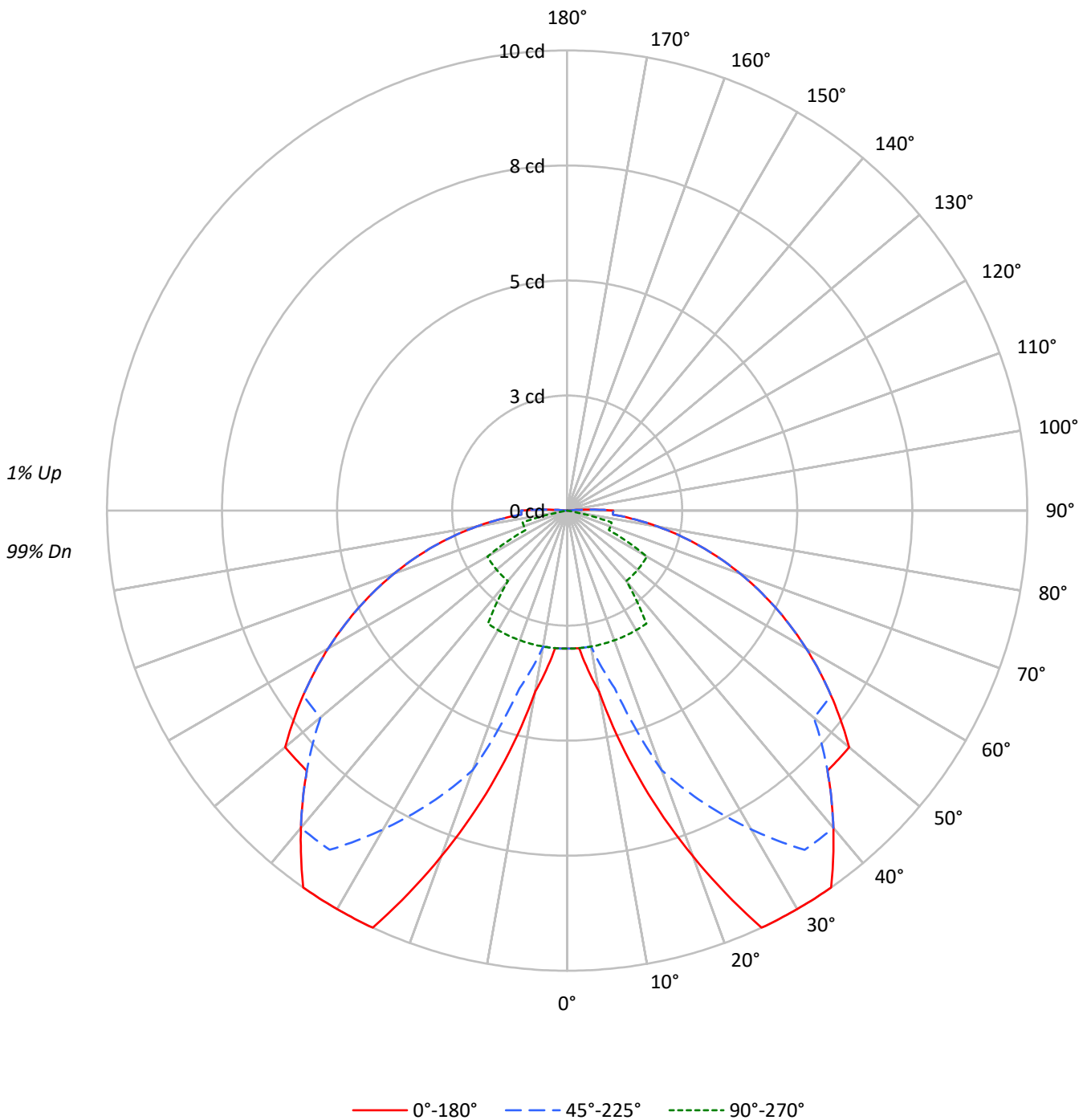
Summary

Lumens per Lamp: 600 (1 lamp)
Luminaire Lumens: 28.1 lumens
Efficiency: 4.7%
Efficacy: 2.3 lumens/watt
Spacing Criteria (0/90/45): 2.73 / 1.45 / 2.45
Luminous Opening: Rectangular (W 0.08' x L: 0.44' x H: 0')
CIE Type: Direct

Input Watts (W): 12
Input Voltage (V): NR
Input Current (Ain): 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				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
RCR																					
0	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1	5	5	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2	4	4	4	3	4	4	4	3	4	3	3	4	3	3	3	3	3	3	3	3	3
3	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2
4	4	3	3	2	4	3	3	2	3	2	2	3	2	2	3	2	2	3	2	2	2
5	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
7	3	2	2	1	3	2	2	1	2	2	1	2	2	1	2	2	1	2	2	1	1
8	3	2	1	1	2	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1
9	2	2	1	1	2	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1
10	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	917	917	917
5°	921	921	921
10°	1242	932	932
15°	1899	1266	950
20°	2603	1953	976
25°	3374	2362	1012
30°	3531	2825	1059
35°	3733	3360	1120
40°	3593	3593	798
45°	3460	3460	865
50°	3806	3330	951
55°	3732	3732	1066
60°	3670	3670	1223
65°	3618	3618	724
70°	3576	3576	894
75°	3544	3544	1181
80°	3522	3522	0
85°	3509	3509	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.3	1.1	0.1
10°-20°	1.3	4.6	0.2
20°-30°	3.0	10.8	0.5
30°-40°	4.6	16.3	0.8
40°-50°	5.2	18.7	0.9
50°-60°	5.2	18.6	0.9
60°-70°	4.4	15.5	0.7
70°-80°	2.8	9.9	0.5
80°-90°	1.1	3.9	0.2
90°-100°	0.2	0.5	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-30°	4.6	16.5	0.8
0°-40°	9.2	32.8	1.5
0°-60°	19.7	70.1	3.3
0°-90°	27.9	99.5	4.7
90°-120°	0.2	0.5	0.0
90°-150°	0.2	0.5	0.0
90°-180°	0.0	0.0	0.0
0°-180°	28.1	100.0	4.7

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3	3	3	3	3	
5°	3	3	3	3	3	0
15°	6	6	4	3	3	2
25°	10	9	7	4	3	4
35°	10	9	9	6	3	6
45°	8	8	8	6	2	6
55°	7	7	7	6	2	6
65°	5	5	5	4	1	5
75°	3	3	3	3	1	3
85°	1	1	1	1	0	1
90°	1	1	1	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	3	3	3	3	3	3	3	3	3	3	3
5°	3	3	3	3	3	3	3	3	3	3	3
10°	4	4	4	4	4	3	3	3	3	3	3
15°	6	6	6	6	5	4	4	3	3	3	3
20°	8	8	8	7	7	6	5	4	3	3	3
25°	10	10	9	9	8	7	6	4	3	3	3
30°	10	10	10	10	9	8	7	5	3	3	3
35°	10	10	9	9	9	9	7	6	4	3	3
40°	9	9	9	9	9	9	8	6	4	2	2
45°	8	8	8	8	8	8	8	7	4	2	2
50°	8	8	8	8	7	7	7	6	4	2	2
55°	7	7	7	7	7	7	6	6	4	2	2
60°	6	6	6	6	6	6	6	5	4	2	2
65°	5	5	5	5	5	5	5	4	4	2	1
70°	4	4	4	4	4	4	4	4	3	1	1
75°	3	3	3	3	3	3	3	3	2	1	1
80°	2	2	2	2	2	2	2	2	1	0	0
85°	1	1	1	1	1	1	1	1	1	0	0
90°	1	1	1	1	1	1	0	0	0	0	0
95°	0	0	0	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0	0	0	0
135°	0	0	0	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)