

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: 11869.0

Luminaire Tested: **H2600**

Issue Date: 3/3/2020



Test Information

Test Method: LM-46-04
Report Number: 11869.0
Test Lab:
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: H2600
Description: 1/100W A19 INCANDESCENT 12"DIA CHORUS PENDANT LUMINAIRE
Light Source: -
100A19IF
Ballast/Driver: -

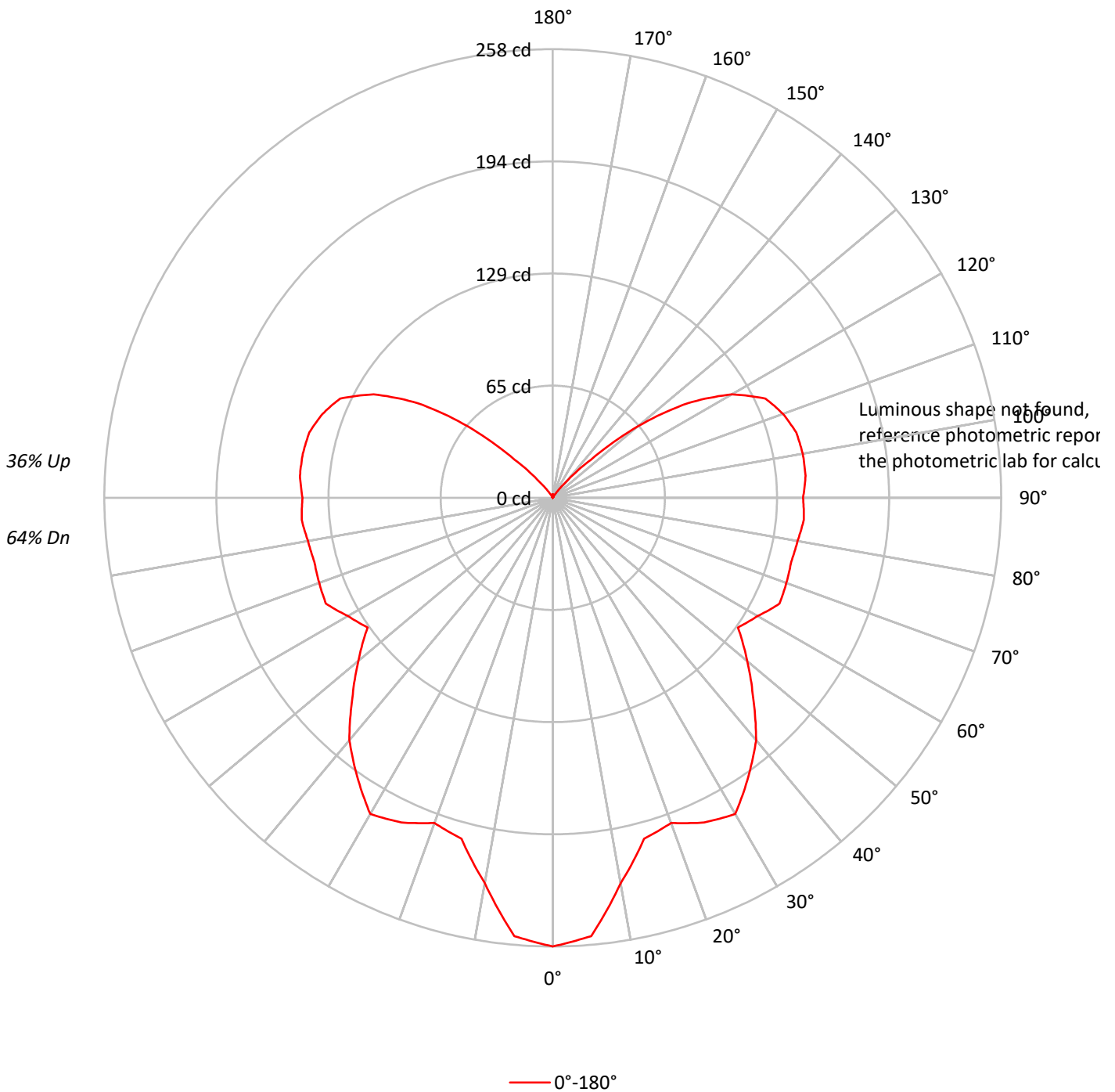
Summary

Lumens per Lamp: 1750 (1 lamp)
Luminaire Lumens: 1554.6 lumens
Efficiency: 88.8%
Efficacy: 15.9 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.21 / 1.34
Luminous Opening: (L: 1.04 ' x W: 0 ' x H: 0.6 '
CIE Type: Semi-Direct

Input Watts (W): 98
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



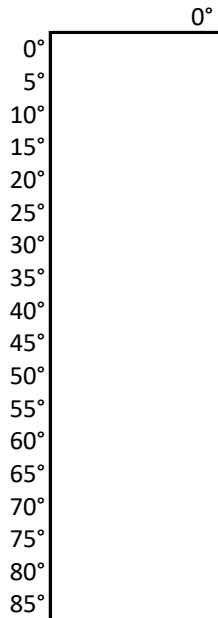


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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	98	98	98	98	92	92	92	92	81	81	81	71	71	71	61	61	61	57
1	86	80	75	70	80	75	70	66	65	61	58	56	53	51	48	46	44	40
2	77	68	61	55	71	63	57	51	55	50	45	47	43	40	40	37	34	30
3	69	59	51	44	64	55	48	42	48	42	37	41	36	32	35	31	28	24
4	63	51	43	37	58	48	41	35	42	36	31	36	31	27	31	27	23	20
5	58	46	37	31	53	43	35	29	37	31	26	32	27	23	27	23	20	17
6	53	41	33	27	49	38	31	25	33	27	23	29	24	20	25	21	17	15
7	49	37	29	23	46	35	27	22	30	24	20	26	21	17	22	18	15	13
8	45	33	26	20	42	31	24	19	28	22	17	24	19	15	21	17	14	11
9	42	30	23	18	39	29	22	17	25	20	16	22	17	14	19	15	12	10
10	40	28	21	16	37	26	20	15	23	18	14	20	16	12	18	14	11	9

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	23.2	1.5	1.3
10°-20°	58.5	3.8	3.3
20°-30°	95.1	6.1	5.4
30°-40°	122.9	7.9	7.0
40°-50°	126.3	8.1	7.2
50°-60°	121.5	7.8	6.9
60°-70°	140.7	9.1	8.0
70°-80°	150.8	9.7	8.6
80°-90°	157.4	10.1	9.0
90°-100°	158.7	10.2	9.1
100°-110°	152.6	9.8	8.7
110°-120°	131.6	8.5	7.5
120°-130°	84.0	5.4	4.8
130°-140°	27.2	1.7	1.6
140°-150°	3.3	0.2	0.2
150°-160°	0.3	0.0	0.0
160°-170°	0.2	0.0	0.0
170°-180°	0.2	0.0	0.0
0°-30°	176.8	11.4	10.1
0°-40°	299.7	19.3	17.1
0°-60°	547.5	35.2	31.3
0°-90°	996.4	64.1	56.9
90°-120°	443.0	28.5	25.3
90°-150°	557.5	35.9	31.9
90°-180°	558.0	35.9	31.9
0°-180°	1554.6	100.0	88.8

CANDELA DISTRIBUTION:

0°	Flux
0°	258
5°	253
15°	203
25°	206
35°	196
45°	163
55°	130
65°	144
75°	142
85°	145
90°	144
95°	146
105°	145
115°	135
125°	95
135°	31
145°	4
155°	1
165°	0
175°	2
180°	1



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CANDELA DISTRIBUTION (FULL):

	0°
0°	258
5°	253
10°	225
15°	203
20°	199
25°	206
30°	210
35°	196
40°	182
45°	163
50°	146
55°	130
60°	136
65°	144
70°	143
75°	142
80°	143
85°	145
90°	144
95°	146
100°	146
105°	145
110°	141
115°	135
120°	119
125°	95
130°	64
135°	31
140°	12
145°	4
150°	0
155°	1
160°	1
165°	0
170°	2
175°	2
180°	1

(END OF REPORT)