

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: 11870.0

Luminaire Tested: **H2601**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-46-04  
Report Number: 11870.0  
Test Lab:  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: HALO  
Catalog Number: H2601  
Description: 1/100W A19 INCANDESCENT 12"DIA CHORUS PENDANT LUMINAIRE  
Light Source: -  
100A19IF  
Ballast/Driver: -

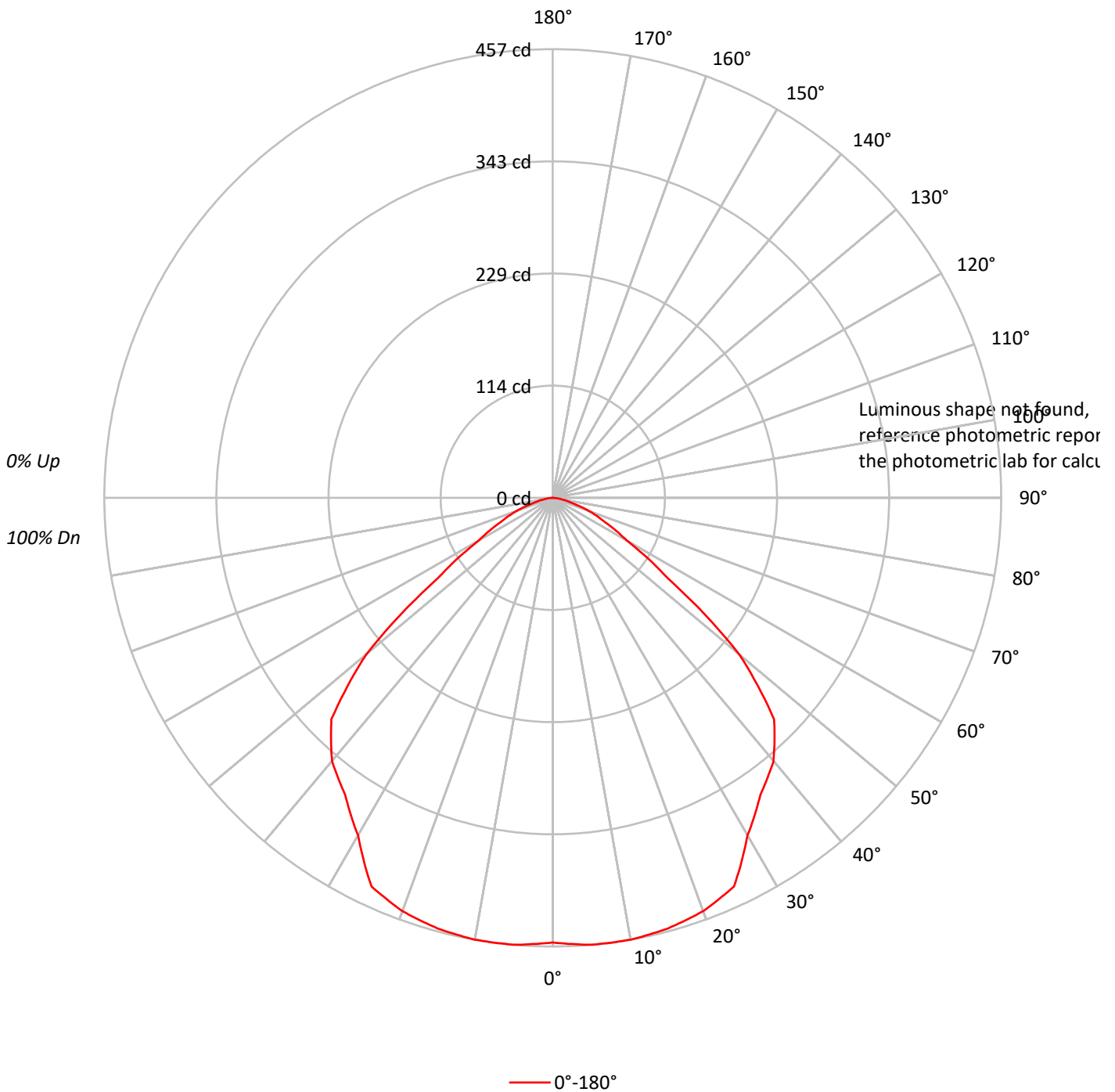
**Summary**

Lumens per Lamp: 1750 (1 lamp)  
Luminaire Lumens: 1067.3 lumens  
Efficiency: 61.0%  
Efficacy: 11.0 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.29 / 1.41  
Luminous Opening: (L: 1 ' x W: 0 ' x H: 0 '  
CIE Type: Direct

Input Watts (W): 97  
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	73	73	73	73	71	71	71	71	68	68	68	65	65	65	62	62	62	61
1	68	65	63	61	66	64	62	60	61	60	58	59	58	57	57	56	55	54
2	63	58	55	52	61	57	54	51	55	52	50	53	51	49	51	50	48	47
3	58	52	48	44	56	51	47	44	50	46	43	48	45	43	46	44	42	41
4	53	47	42	39	52	46	42	38	45	41	38	43	40	37	42	39	37	36
5	49	42	37	34	48	42	37	34	40	36	33	39	36	33	38	35	33	31
6	46	38	33	30	45	38	33	30	37	33	29	36	32	29	35	32	29	28
7	43	35	30	27	42	35	30	27	34	29	26	33	29	26	32	29	26	25
8	40	32	27	24	39	32	27	24	31	27	24	30	26	24	29	26	23	22
9	37	29	25	22	36	29	25	22	28	24	21	28	24	21	27	24	21	20
10	35	27	23	20	34	27	23	20	26	22	20	26	22	19	25	22	19	18

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





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**ZONAL LUMENS:**

Zone	Lumens	% Fixture	% Lamp
0°-10°	43.6	4.1	2.5
10°-20°	128.4	12.0	7.3
20°-30°	198.4	18.6	11.3
30°-40°	232.8	21.8	13.3
40°-50°	238.4	22.3	13.6
50°-60°	138.2	12.9	7.9
60°-70°	60.3	5.7	3.4
70°-80°	23.4	2.2	1.3
80°-90°	3.8	0.4	0.2
90°-100°	0.0	0.0	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°	370.3	34.7	21.2
0°-40°	603.1	56.5	34.5
0°-60°	979.7	91.8	56.0
0°-90°	1067.3	100.0	61.0
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°	1067.3	100.0	61.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	453	
5°	457	44
15°	454	128
25°	437	198
35°	369	233
45°	319	238
55°	143	138
65°	59	60
75°	20	23
85°	2	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	453
5°	457
10°	457
15°	454
20°	448
25°	437
30°	397
35°	369
40°	350
45°	319
50°	248
55°	143
60°	87
65°	59
70°	39
75°	20
80°	10
85°	2
90°	0

(END OF REPORT)