

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: 11872.0

Luminaire Tested: **H2601-E26**

Issue Date: 3/3/2020



Test Information

Test Method: LM-46-04
Report Number: 11872.0
Test Lab:
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: H2601-E26
Description: 1/26W SYLVANIA TRIPLE CF 12"DIA CHORUS PENDANT LUMINAIRE
Light Source: -
CFT26W/24q/835
Ballast/Driver: -

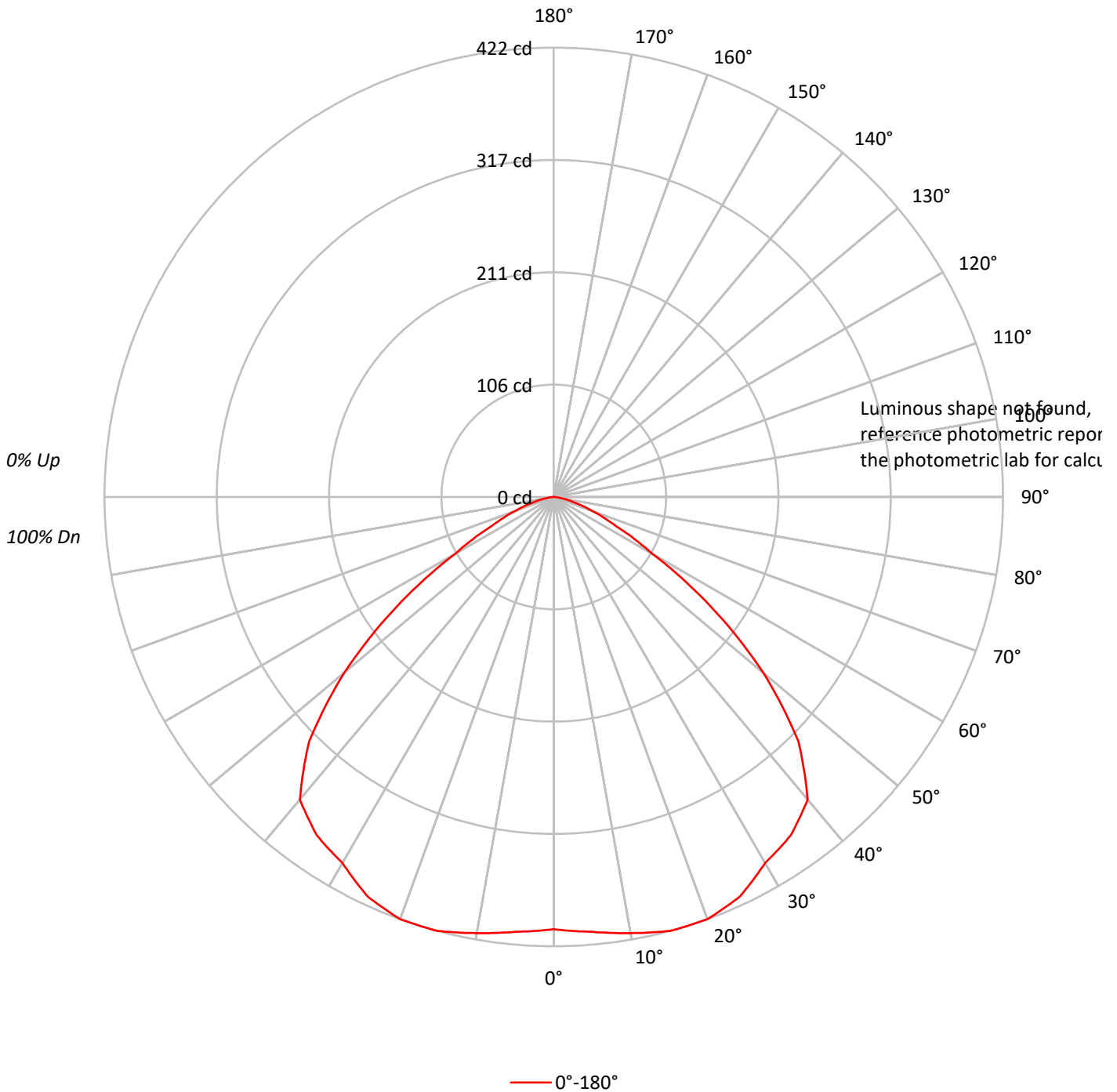
Summary

Lumens per Lamp: 1800 (1 lamp)
Luminaire Lumens: 1092.7 lumens
Efficiency: 60.7%
Efficacy: 39.0 lumens/watt
Spacing Criteria (0/90/45): 1.46 / 1.46 / 1.48
Luminous Opening: (L: 1 ' x W: 0 ' x H: 0 '
CIE Type: Direct

Input Watts (W): 28
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



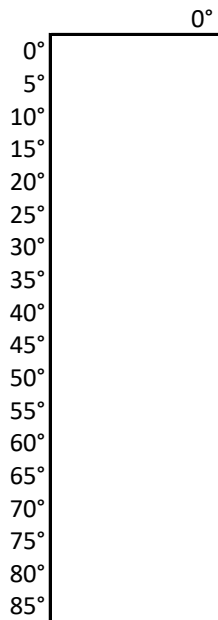


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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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	72	72	72	72	71	71	71	71	67	67	67		65	65	65		62	62	62	61
1	67	65	63	61	66	64	62	60	61	59	58		59	57	56		57	56	55	53
2	62	58	54	51	61	57	53	51	55	52	50		53	50	48		51	49	47	46
3	57	51	47	44	56	51	47	43	49	45	43		47	44	42		46	43	41	40
4	53	46	41	38	51	45	41	37	44	40	37		42	39	36		41	38	36	35
5	49	41	36	33	47	41	36	33	40	35	32		38	35	32		37	34	32	30
6	45	37	32	29	44	37	32	29	36	32	28		35	31	28		34	31	28	27
7	42	34	29	26	41	34	29	25	33	28	25		32	28	25		31	28	25	24
8	39	31	26	23	38	31	26	23	30	26	23		29	25	23		28	25	22	21
9	36	29	24	21	35	28	24	20	27	23	20		27	23	20		26	23	20	19
10	34	26	22	19	33	26	22	19	25	21	18		25	21	18		24	21	18	17

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	39.3	3.6	2.2
10°-20°	119.3	10.9	6.6
20°-30°	190.3	17.4	10.6
30°-40°	242.2	22.2	13.5
40°-50°	246.5	22.6	13.7
50°-60°	161.8	14.8	9.0
60°-70°	67.7	6.2	3.8
70°-80°	22.9	2.1	1.3
80°-90°	2.7	0.2	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°	348.9	31.9	19.4
0°-40°	591.1	54.1	32.8
0°-60°	999.4	91.5	55.5
0°-90°	1092.7	100.0	60.7
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°	1092.7	100.0	60.7

CANDELA DISTRIBUTION:

	0°	Flux
0°	406	
5°	410	39
15°	422	119
25°	414	190
35°	388	242
45°	325	246
55°	181	162
65°	64	68
75°	20	23
85°	1	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	406
5°	410
10°	416
15°	422
20°	422
25°	414
30°	397
35°	388
40°	371
45°	325
50°	257
55°	181
60°	107
65°	64
70°	39
75°	20
80°	8
85°	1
90°	0

(END OF REPORT)