

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: 11871.0

Luminaire Tested: **H2600-E26**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-46-04  
Report Number: 11871.0  
Test Lab:  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: HALO  
Catalog Number: H2600-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: 1701.9 lumens  
Efficiency: 94.6%  
Efficacy: 60.8 lumens/watt  
Spacing Criteria (0/90/45): 1.7 / 1.7 / 1.77  
Luminous Opening: (L: 1.04 ' x W: 0 ' x H: 0.6 '  
CIE Type: Semi-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	105	105	105	105	99	99	99	99	87	87	87		76	76	76		67	67	67	62
1	91	85	79	74	85	79	74	70	69	65	61		60	57	54		51	49	47	42
2	81	71	63	57	75	67	60	53	58	52	47		50	45	41		42	39	36	32
3	73	61	52	45	68	57	49	43	50	43	38		43	38	33		36	32	29	25
4	66	53	44	37	61	50	42	35	43	37	31		37	32	27		32	27	24	20
5	60	47	38	31	56	44	36	29	38	31	26		33	27	23		28	24	20	17
6	55	42	33	27	51	39	31	25	34	27	22		30	24	20		25	21	17	14
7	51	38	29	23	47	35	27	22	31	24	19		27	21	17		23	18	15	12
8	47	34	26	20	44	32	24	19	28	22	17		24	19	15		21	16	13	11
9	44	31	23	18	41	29	22	17	26	19	15		22	17	13		19	15	12	9
10	41	28	21	16	38	27	20	15	24	18	13		21	15	12		18	13	10	8

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





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**ZONAL LUMENS:**

Zone	Lumens	% Fixture	% Lamp
0°-10°	15.8	0.9	0.9
10°-20°	49.4	2.9	2.7
20°-30°	93.5	5.5	5.2
30°-40°	123.0	7.2	6.8
40°-50°	146.2	8.6	8.1
50°-60°	153.5	9.0	8.5
60°-70°	169.8	10.0	9.4
70°-80°	183.3	10.8	10.2
80°-90°	184.1	10.8	10.2
90°-100°	178.4	10.5	9.9
100°-110°	162.7	9.6	9.0
110°-120°	128.2	7.5	7.1
120°-130°	77.7	4.6	4.3
130°-140°	30.8	1.8	1.7
140°-150°	4.4	0.3	0.2
150°-160°	0.6	0.0	0.0
160°-170°	0.3	0.0	0.0
170°-180°	0.1	0.0	0.0
0°-30°	158.8	9.3	8.8
0°-40°	281.8	16.6	15.7
0°-60°	581.6	34.2	32.3
0°-90°	1118.7	65.7	62.2
90°-120°	469.3	27.6	26.1
90°-150°	582.2	34.2	32.3
90°-180°	583.0	34.3	32.4
0°-180°	1701.9	100.0	94.6

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	172	
5°	167	16
15°	171	49
25°	207	94
35°	193	123
45°	191	146
55°	171	154
65°	173	170
75°	174	183
85°	169	138
90°	166	91
95°	164	133
105°	155	163
115°	131	128
125°	86	78
135°	38	31
145°	4	4
155°	1	1
165°	1	0
175°	1	0
180°	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	172
5°	167
10°	161
15°	171
20°	190
25°	207
30°	203
35°	193
40°	195
45°	191
50°	179
55°	171
60°	164
65°	173
70°	174
75°	174
80°	171
85°	169
90°	166
95°	164
100°	160
105°	155
110°	145
115°	131
120°	109
125°	86
130°	64
135°	38
140°	17
145°	4
150°	2
155°	1
160°	1
165°	1
170°	1
175°	1
180°	1

(END OF REPORT)