

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: 11873.0

Luminaire Tested: **H2600-E32**

Issue Date: 3/3/2020



Test Information

Test Method: LM-46-04
Report Number: 11873.0
Test Lab:
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: H2600-E32
Description: 1/32W SYLVANIA TRIPLE CF 12"DIA CHORUS PENDANT LUMINAIRE
Light Source: -
CFT32W/24q/835
Ballast/Driver: -

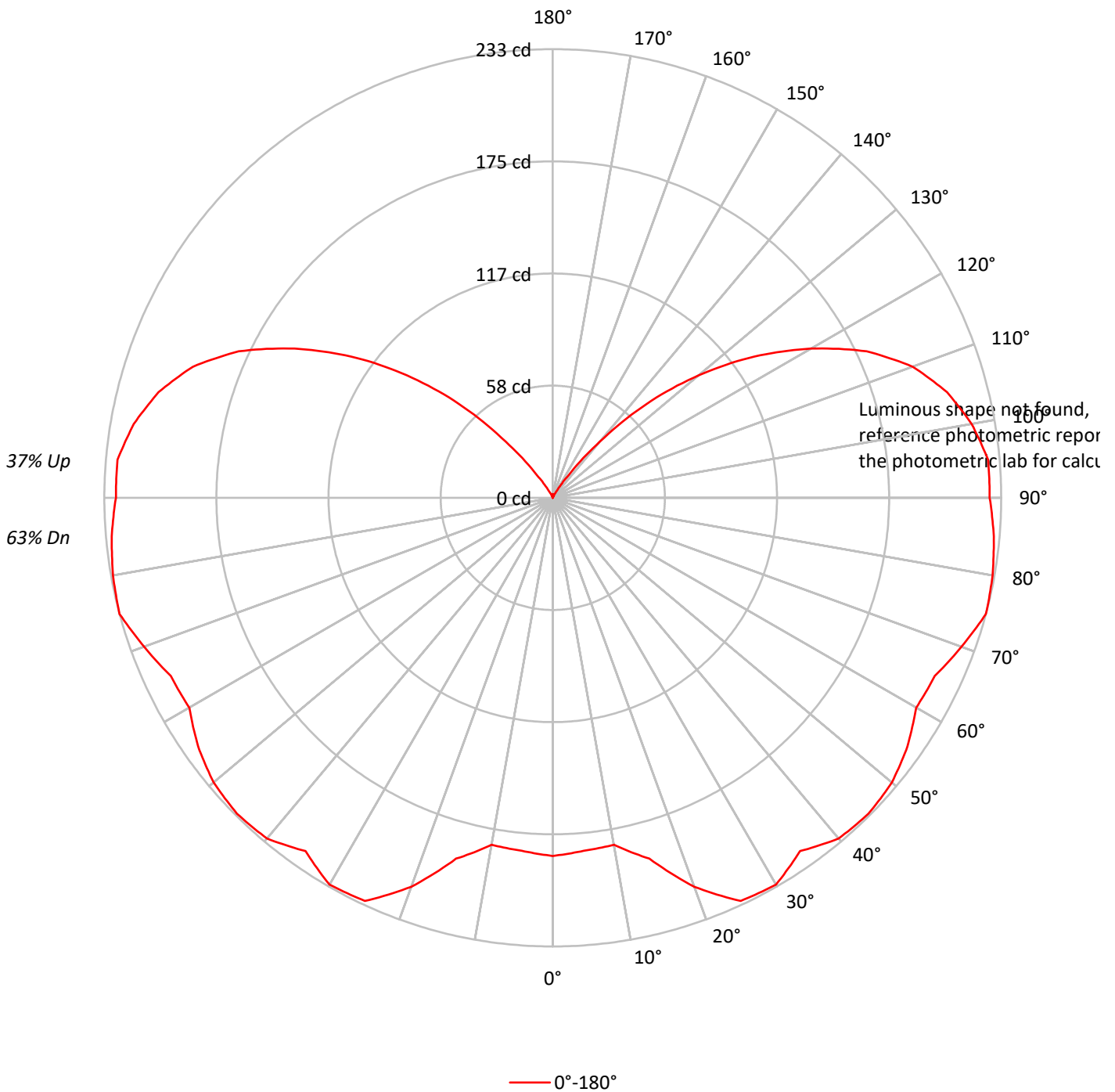
Summary

Lumens per Lamp: 2400 (1 lamp)
Luminaire Lumens: 2244.1 lumens
Efficiency: 93.5%
Efficacy: 66.0 lumens/watt
Spacing Criteria (0/90/45): 1.83 / 1.83 / 1.93
Luminous Opening: (L: 1.04 ' x W: 0 ' x H: 0.6 '
CIE Type: Semi-Direct

Input Watts (W): 34
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	103	103	103	103	97	97	97	97	85	85	85		74	74	74		64	64	64	59
1	89	83	77	72	83	77	72	68	67	63	59		57	54	51		48	46	44	39
2	79	70	62	55	73	65	58	52	56	50	45		47	43	39		40	36	33	29
3	71	60	51	44	66	56	48	41	48	41	36		41	35	31		34	30	26	23
4	65	52	43	36	60	48	40	34	42	35	30		35	30	25		29	25	22	18
5	59	46	37	30	54	43	34	28	37	30	25		31	26	21		26	22	18	15
6	54	41	32	25	50	38	30	24	33	26	21		28	22	18		23	19	15	13
7	50	37	28	22	46	34	26	21	29	23	18		25	20	16		21	17	13	11
8	46	33	25	19	43	31	23	18	27	20	16		23	18	14		19	15	12	9
9	43	30	22	17	40	28	21	16	24	18	14		21	16	12		18	13	10	8
10	40	27	20	15	37	26	19	14	22	16	12		19	14	11		16	12	9	7

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	17.6	0.8	0.7
10°-20°	56.1	2.5	2.3
20°-30°	105.4	4.7	4.4
30°-40°	143.1	6.4	6.0
40°-50°	179.1	8.0	7.5
50°-60°	201.3	9.0	8.4
60°-70°	218.9	9.8	9.1
70°-80°	244.4	10.9	10.2
80°-90°	250.7	11.2	10.4
90°-100°	246.0	11.0	10.3
100°-110°	223.3	9.9	9.3
110°-120°	177.4	7.9	7.4
120°-130°	114.8	5.1	4.8
130°-140°	53.8	2.4	2.2
140°-150°	11.3	0.5	0.5
150°-160°	0.7	0.0	0.0
160°-170°	0.2	0.0	0.0
170°-180°	0.2	0.0	0.0
0°-30°	179.0	8.0	7.5
0°-40°	322.1	14.4	13.4
0°-60°	702.5	31.3	29.3
0°-90°	1416.4	63.1	59.0
90°-120°	646.7	28.8	26.9
90°-150°	826.6	36.8	34.4
90°-180°	828.0	36.9	34.5
0°-180°	2244.1	100.0	93.5

CANDELA DISTRIBUTION:

	0°	Flux
0°	186	
5°	184	18
15°	194	56
25°	231	105
35°	224	143
45°	232	179
55°	225	201
65°	219	219
75°	233	244
85°	230	188
90°	227	125
95°	227	183
105°	212	223
115°	180	177
125°	128	115
135°	69	54
145°	14	11
155°	1	1
165°	1	0
175°	2	0
180°	2	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	186
5°	184
10°	183
15°	194
20°	215
25°	231
30°	232
35°	224
40°	231
45°	232
50°	230
55°	225
60°	218
65°	219
70°	226
75°	233
80°	232
85°	230
90°	227
95°	227
100°	221
105°	212
110°	199
115°	180
120°	155
125°	128
130°	99
135°	69
140°	38
145°	14
150°	4
155°	1
160°	0
165°	1
170°	1
175°	2
180°	2

(END OF REPORT)