

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO

Report Number: P#

Luminaire Tested: **RL560WHZHA69-4000K**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P27627)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: RL560WHZHA69-4000K
Description: RL56 Wireless
Light Source: -
Ballast/Driver: -

Summary

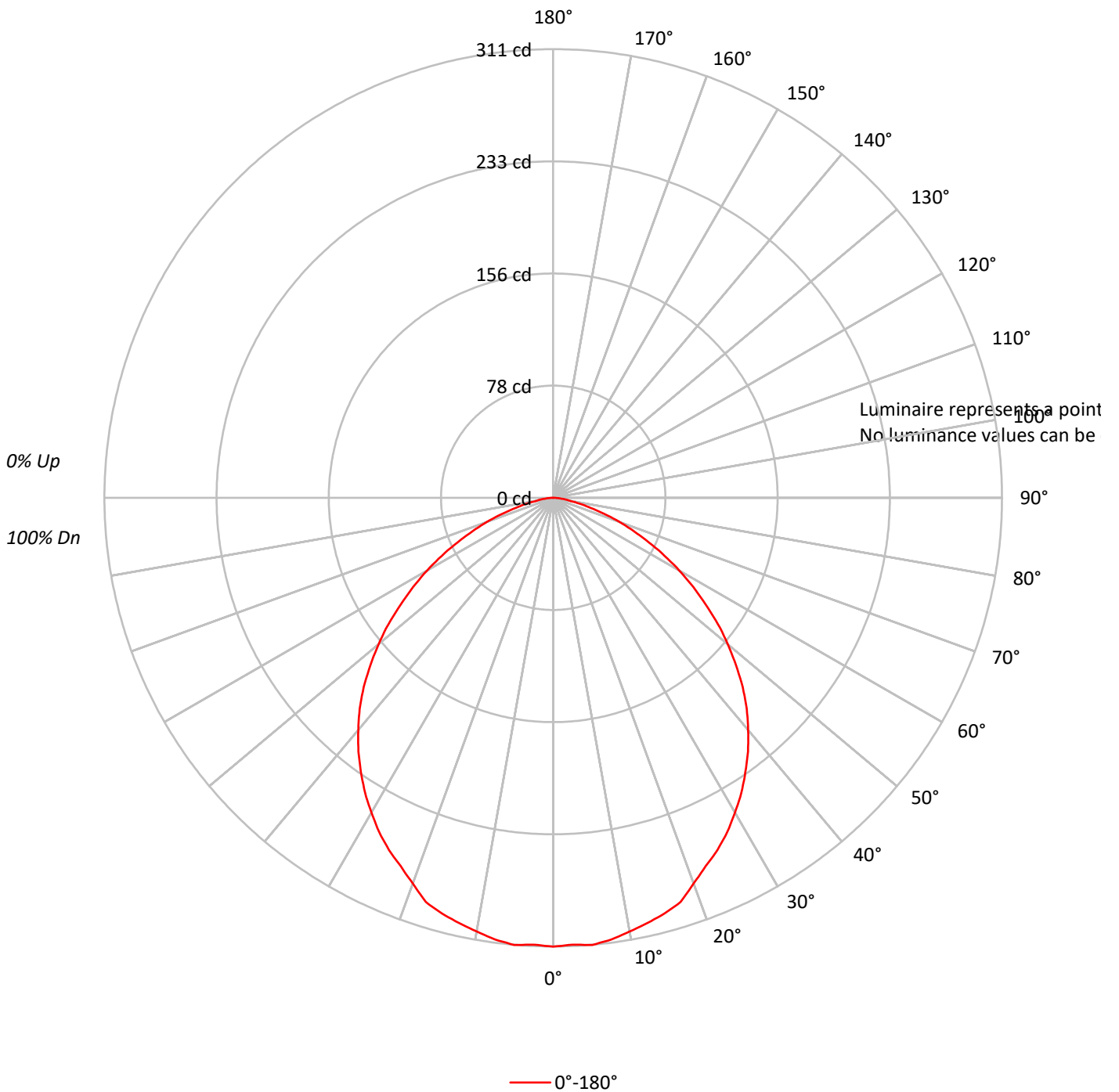
Lumens per Lamp: N/A
Luminaire Lumens: 749.1 lumens
Efficiency: N/A
Efficacy: 77.8 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.21 / 1.31
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

Input Watts (W): 9.62246666666667
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





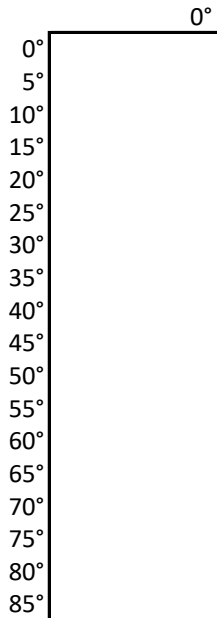
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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	110	106	102	99	107	104	100	97	99	96	94		95	93	91		92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79		85	81	77		82	79	76	74
3	93	83	75	69	90	81	74	69	78	72	67		76	70	66		73	69	65	63
4	85	74	66	59	83	73	65	59	70	63	58		68	62	57		66	61	57	55
5	78	66	58	52	76	65	57	51	63	56	51		61	55	50		59	54	50	48
6	73	60	51	45	71	59	51	45	57	50	45		56	49	44		54	48	44	42
7	67	55	46	40	66	54	46	40	52	45	40		51	44	40		49	44	39	37
8	63	50	42	36	61	49	41	36	48	41	36		47	40	36		46	40	35	33
9	59	46	38	33	57	45	38	32	44	37	32		43	37	32		42	36	32	30
10	55	42	35	30	54	42	35	30	41	34	29		40	34	29		39	33	29	27

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.5	3.9
10°-20°	84.0	11.2
20°-30°	124.0	16.5
30°-40°	145.2	19.4
40°-50°	142.7	19.1
50°-60°	115.5	15.4
60°-70°	73.0	9.7
70°-80°	29.6	4.0
80°-90°	5.7	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	237.4	31.7
0°-40°	382.6	51.1
0°-60°	640.8	85.5
0°-90°	749.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	749.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	311	
5°	311	29
15°	298	84
25°	269	124
35°	232	145
45°	186	143
55°	129	116
65°	73	73
75°	27	30
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	311.1
2.5°	310.0
5°	311.1
7.5°	308.8
10°	305.3
12.5°	301.8
15°	298.3
17.5°	293.7
20°	284.4
22.5°	276.3
25°	269.3
27.5°	261.2
30°	251.9
32.5°	242.6
35°	232.2
37.5°	221.7
40°	210.1
42.5°	198.5
45°	185.7
47.5°	171.8
50°	157.9
52.5°	144.0
55°	128.9
57.5°	114.9
60°	101.0
62.5°	87.1
65°	73.1
67.5°	60.4
70°	48.8
72.5°	37.1
75°	26.7
77.5°	18.6
80°	11.6
82.5°	8.1
85°	4.6
87.5°	2.3
90°	0.0

(END OF REPORT)