

Photometrics Pro

Luminaire Photometric Report

Filename: HTS-9R-WallPack

Manufacturer: Bare Development

Luminaire: HTS-9R LARGE WALL PACK FABRICATED WHITE PAINTED METAL MOUNTING PLATE, EXTRUDED FINNED METAL HEAT SINK, ONE WHITE CIRCUIT BOARD WITH 12 LEDS, OPEN SIDES 58.6W. CIRCUIT BOARD STOOD-OFF OF LENS 1/4".

Luminaire Cat: G2799L

Lamp: TWENTY-FOUR WHITE LIGHT EMITTING DIODES (LEDS), VERTICAL.

Lamp Cat: NA. LUMEN RATING = -1 LMS.

Lamp Output: 1 lamp(s), rated Lumens/lamp: 3876.516

Max Candela: 2,372.5 at Horizontal: 0°, Vertical: 57.5°

Input Wattage: 58.6

Luminous Opening: Rectangle (L: 0.23m, W: 0.38m)

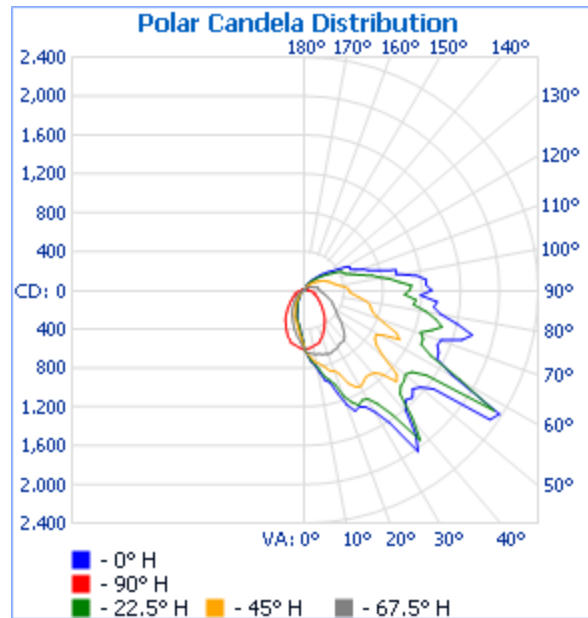
Test Lab: Intertek

Photometry : Type C

CIE Class: Semi-Direct

Cutoff Class: Noncutoff

Nema Type: 6 X 7

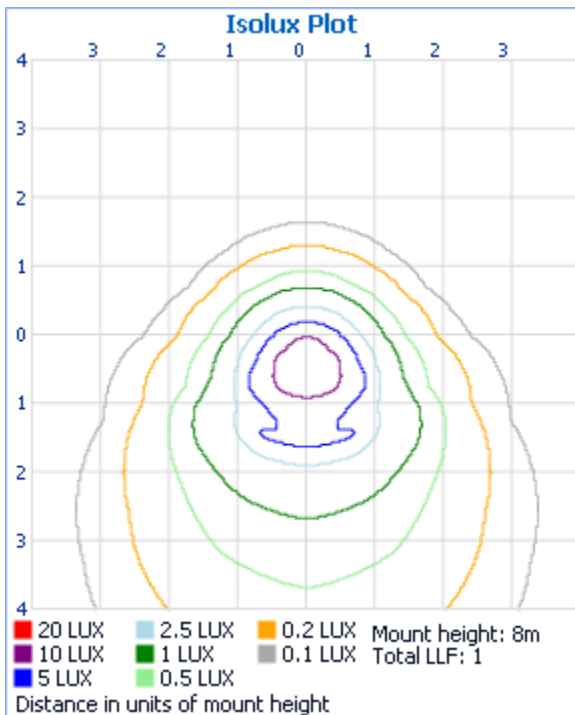


Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	513.3	13.2%	13.2%
0-40	919.5	23.7%	23.7%
0-60	1,860.1	48%	48%
60-90	1,237.8	31.9%	31.9%
0-90	3,097.9	79.9%	79.9%
90-180	778.6	20.1%	20.1%
0-180	3,876.5	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	56.5	1.5%	90-100	296.1	7.6%
10-20	169.2	4.4%	100-110	195.9	5.1%
20-30	287.7	7.4%	110-120	128.9	3.3%
30-40	406.2	10.5%	120-130	80.3	2.1%
40-50	443.4	11.4%	130-140	44.6	1.2%
50-60	497.1	12.8%	140-150	22.1	0.6%
60-70	458.8	11.8%	150-160	8.8	0.2%
70-80	432.8	11.2%	160-170	2.0	0.1%
80-90	346.2	8.9%	170-180	0.0	0%



Distance	Illuminance at a Distance	
	Center Beam LUX	Beam Width
1.3m	347.18 LUX	2.2m 1.7m
2.7m	86.79 LUX	4.3m 3.5m
4.0m	38.58 LUX	6.5m 5.2m
5.3m	21.70 LUX	8.6m 7.0m
6.7m	13.89 LUX	10.8m 8.7m
8.0m	9.64 LUX	12.9m 10.5m

■ Vert. Spread: 78.0° ■ Horiz. Spread: 66.4°

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>0</u>
RCR: 0	1.14	1.14	1.14	1.14	1.09	1.09	1.09	.80	1.00	1.00	1.00	.91	.91	.91	.84	.84	.84	.80
1	1.00	.94	.88	.83	.95	.89	.84	.59	.81	.77	.73	.74	.71	.67	.67	.64	.62	.58
2	.89	.79	.71	.64	.85	.76	.68	.47	.69	.62	.57	.62	.57	.53	.56	.52	.49	.45
3	.80	.68	.59	.51	.76	.65	.56	.38	.59	.52	.46	.54	.48	.43	.48	.44	.39	.36
4	.73	.60	.50	.42	.69	.57	.48	.31	.52	.44	.38	.47	.40	.35	.42	.37	.33	.30
5	.67	.53	.43	.35	.63	.50	.41	.27	.46	.38	.32	.42	.35	.30	.38	.32	.28	.25
6	.61	.47	.37	.30	.58	.45	.36	.23	.41	.33	.27	.37	.31	.26	.34	.28	.24	.21
7	.56	.42	.33	.26	.53	.40	.32	.20	.37	.29	.24	.34	.27	.22	.31	.25	.21	.18
8	.52	.38	.29	.23	.50	.36	.28	.18	.33	.26	.21	.31	.24	.20	.28	.22	.18	.16
9	.49	.35	.26	.20	.46	.33	.25	.16	.31	.24	.19	.28	.22	.17	.26	.20	.16	.14
10	.46	.32	.24	.18	.43	.31	.23	.14	.28	.21	.17	.26	.20	.16	.24	.18	.15	.13

Luminaire Report Summary

IESNA:LM-63-2002
 [TEST]
 [TESTLAB]Intertek
 [ISSUEDATE]10/14/2009
 [MANUFAC]Bare Development
 [LUMCAT]G2799L
 [LUMINAIRE]HTS-9R LARGE WALL PACK
 [MORE]FABRICATED WHITE PAINTED METAL MOUNTING PLATE, EXTRUDED
 [MORE]FINNED METAL HEAT SINK, ONE WHITE CIRCUIT BOARD WITH 12
 [MORE]LEDS, OPEN SIDES 58.6W. CIRCUIT BOARD STOOD-OFF OF LENS 1/4".
 [LAMP]TWENTY-FOUR WHITE LIGHT EMITTING DIODES (LEDS), VERTICAL.
 [LAMPCAT]NA. LUMEN RATING = -1 LMS.
 [OTHER]24.0Vdc, 2.119A, 61.93W
 [OTHER]TEST PROCEDURE: IESNA LM-79-08

FILE: CREATED USING ABSOLUTE PHOTOMETRY
 FILE: CANDELA MULTIPLIER: 1
 FILE: VERTICAL ANGLES: 73, HORIZONTAL ANGLES: 17
 FILE: COORDINATE SYSTEM: TYPE C
 FILE: UNIT OF MEASURE: STANDARD
 FILE: BALLAST FACTOR: 1

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 Reported data calculated from manufacturer's data file, based on IES recommended methods.