

Photometrics Pro

Luminaire Photometric Report

Filename: HTS-8R-FLAT-COBRAHEAD

Distributor: LED Canada Lights

Luminaire: 36 LED LIGHT BOARD FLAT LENS HOWARD RL1F FIXTURE

Luminaire Cat: HTS-8R FLAT LENS COBRAHEAD

Lamp: LED

Lamp Cat: NA. LUMINAIRE OUTPUT = 7588.6 LMS

Lamp Output: 1 lamp(s), rated Lumens/lamp: 7588.6

Max Candela: 2,410.8 at Horizontal: 180°, Vertical: 0°

Input Wattage: 92.85

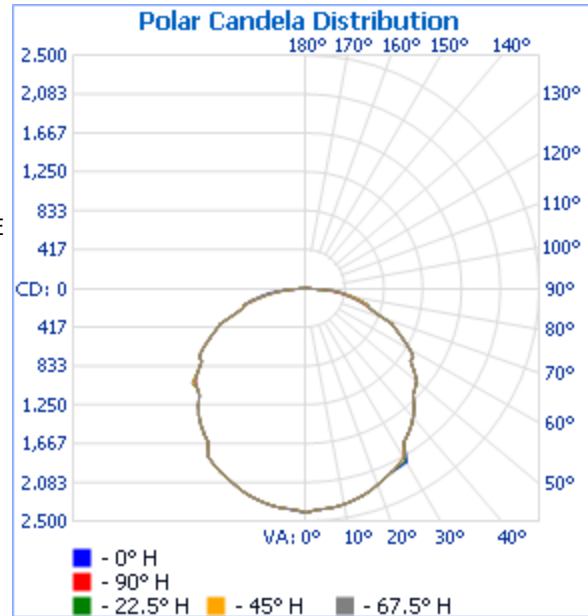
Luminous Opening: Rectangle (L: 0.83ft, W: 0.6ft)

Test: C8568L

Test Lab: Intertek

Photometry : Type C

CIE Class: Direct



Roadway Summary

Cutoff Classification:	FULL CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	0	
Max Cd, 80 to <90 Deg:	493.1	
	Lumens % Lamp	
Downward Street Side:	3,798.4	50.1%
Downward House Side:	3,790.2	49.9%
Downward Total:	7,588.6	100%
Upward Street Side:	0	0%
Upward House Side:	0	0%
Upward Total:	0	0%
Total Lumens:	7,588.6	100%

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,881.5	24.8%	24.8%
0-40	3,081.4	40.6%	40.6%
0-60	5,610.9	73.9%	74%
60-90	1,976.2	26%	26%
0-90	7,587.1	100%	100%
90-180	0	0%	0%
0-180	7,587.1	100%	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	99.3%	7,539.1	168.8	170
Beam (50%):	76.6%	5,812.3	123.3	123.3
Total:	100%	7,585.2		

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	226.2	3.0%	90-100	0	0%
10-20	651.7	8.6%	100-110	0	0%
20-30	1,003.6	13.2%	110-120	0	0%
30-40	1,199.9	15.8%	120-130	0	0%
40-50	1,273.6	16.8%	130-140	0	0%
50-60	1,255.9	16.6%	140-150	0	0%
60-70	1,059.2	14.0%	150-160	0	0%
70-80	683.3	9.0%	160-170	0	0%
80-90	233.7	3.1%	170-180	0	0%

165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire Report Summary

IESNA:LM-63-2002
 [TEST]C8568L
 [TESTLAB]Intertek
 [ISSUEDATE] 7/30/2010
 [DISTRIBUTOR]LED CANADA LIGHTS
 [LUMCAT]HTS-8R FLAT LENS COBRAHEAD
 [LUMINAIRE]36 LED LIGHT BOARD
 [MORE]FLAT LENS HOWARD RL1F FIXTURE
 [LAMP]LED
 [LAMPCAT]NA. LUMINAIRE OUTPUT = 7588.6 LMS
 [OTHER]24.005V, 3.1786A, 92.85W
 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.

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