

Photometrics Pro

Luminaire Photometric Report

Filename: HTS-8R Double --- C8658L

Distributor: LED Canada Lights

Luminaire: DOUBLE LIGHT BOARD LED

Luminaire Cat: Double HTS-8R

Lamp: 72 LED'S

Lamp Cat: NA. LUMINAIRE OUTPUT = 15200.2 LMS

Lamp Output: 1 lamp(s), rated Lumens/lamp: 15200.2

Max Candela: 4,839.6 at Horizontal: 0°, Vertical: 0°

Input Wattage: 185.7

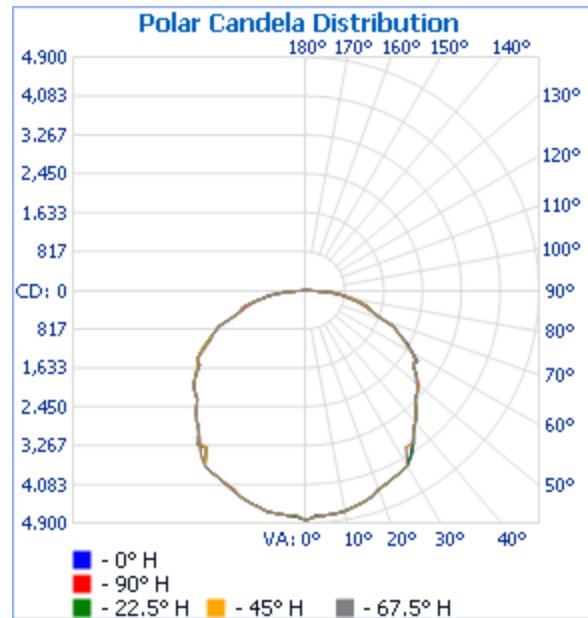
Luminous Opening: Rectangle (L: 0.25m, W: 0.18m)

Test: SCALED

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:	986.2	
	Lumens	% Lamp
Downward Street Side:	7,616.6	50.1%
Downward House Side:	7,583.6	49.9%
Downward Total:	15,200.2	100%
Upward Street Side:	0	0%
Upward House Side:	0	0%
Upward Total:	0	0%
Total Lumens:	15,200.2	100%

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	3,770.2	24.8%	24.8%
0-40	6,204.3	40.8%	40.8%
0-60	11,257.5	74.1%	74.1%
60-90	3,939.7	25.9%	25.9%
0-90	15,197.2	100%	100%
90-180	0	0%	0%
0-180	15,197.2	100%	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	99.4%	15,105.2	168.8	170
Beam (50%):	76.1%	11,563.6	123	123.7
Total:	100%	15,192.8		

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	452.5	3.0%	90-100	0	0%
10-20	1,302.9	8.6%	100-110	0	0%
20-30	2,014.9	13.3%	110-120	0	0%
30-40	2,434.1	16.0%	120-130	0	0%
40-50	2,542.0	16.7%	130-140	0	0%
50-60	2,511.3	16.5%	140-150	0	0%
60-70	2,115.9	13.9%	150-160	0	0%
70-80	1,362.4	9.0%	160-170	0	0%
80-90	461.4	3.0%	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]SCALED
 [TESTLAB]Intertek
 [ISSUEDATE] 7/19/2010
 [DISTRIBUTOR]LED CANADA LIGHTS
 [LUMCAT]Double HTS-8R
 [LUMINAIRE]DOUBLE LIGHT BOARD LED
 [LAMP]72 LED'S
 [LAMPCAT]NA. LUMINAIRE OUTPUT = 15200.2 LMS
 [OTHER]24.005V, 6.3572A, 185.70.00W
 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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