

# 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

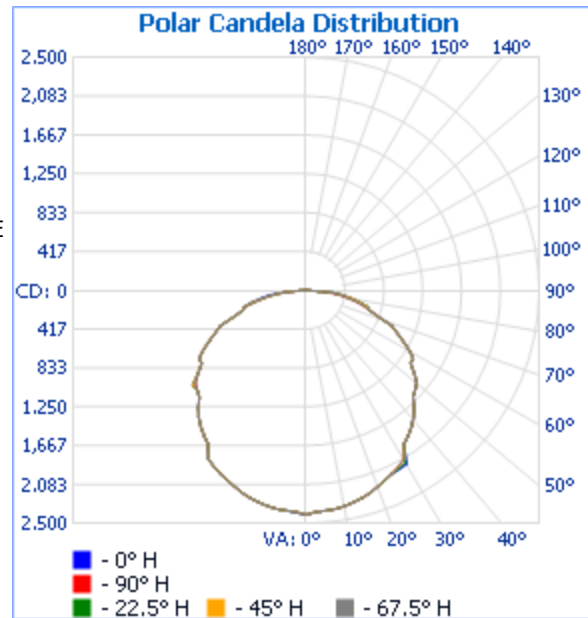
**Luminous Opening:** Rectangle (L: 0.25m, W: 0.18m)

**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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