

Photometrics Pro

Luminaire Photometric Report

Filename: 8536-1-HO-90-3K

Manufacturer: RP Lighting + Fans

Luminaire: 8536-1-HO-90-3K

Luminaire Cat: CCT: 2988K, CRI: 94.5Ra

Lamp: LED

Lamp Output: 1 lamp, total luminaire Lumens: 1267.3

Max Candela: 447.2 at Horizontal: 0°, Vertical: 0°

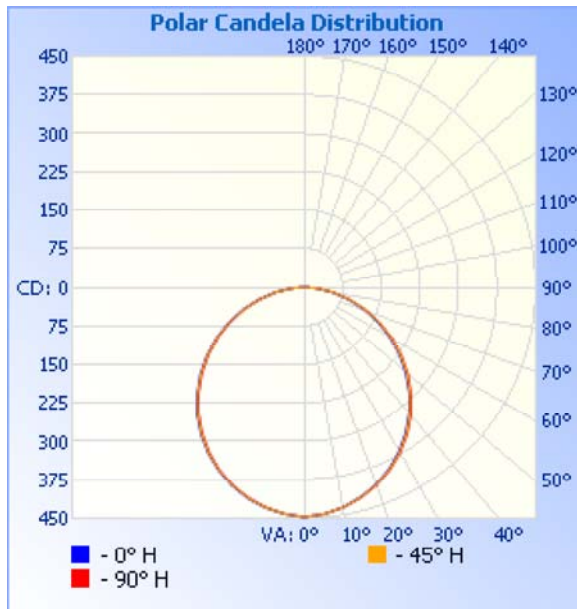
Input Wattage: 15.1

Luminous Opening: Point

Test Date: 2022-12-30

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.8
Max Cd, 80 to <90 Deg:	58.1
	Lumens % Lamp
Downward Street Side:	629.4 49.7%
Downward House Side:	638.4 50.4%
Downward Total:	1,267.8 100%
Total Lumens:	1,267.8 100%

Flood Summary

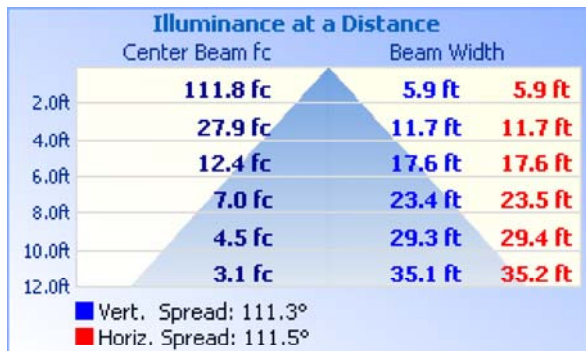
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.5%	1,248.6	163.4	163.4
Beam (50%):	71.2%	902.7	111.5	111.3
Total:	100%	1,267.2		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	341.9	27%
0-40	558.6	44.1%
0-60	987.0	77.9%
60-90	280.2	22.1%
0-90	1,267.3	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	42.0	3.3%
10-20	119.5	9.4%
20-30	180.3	14.2%
30-40	216.7	17.1%
40-50	224.6	17.7%
50-60	203.8	16.1%
60-70	157.7	12.4%
70-80	94.4	7.5%
80-90	28.2	2.2%



Luminaire Report Summary

IESNA:LM-63-1995

[TEST]

[DATE] 2022-12-30

[MANUFAC] **RP Lighting + Fans**

[LUMCAT] CCT: 2988K, CRI: 94.5Ra

[LUMINAIRE] **8536-1-HO-90-3K**

[LAMPCAT]

[LAMP] LED

FILE: CREATED USING ABSOLUTE PHOTOMETRY

FILE: CANDELA MULTIPLIER: 1

FILE: VERTICAL ANGLES: 19, HORIZONTAL ANGLES: 73

FILE: COORDINATE SYSTEM: TYPE C

FILE: UNIT OF MEASURE: METRIC

FILE: BALLAST FACTOR: 1

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