

Photometrics Pro

Luminaire Photometric Report

Filename: SFK8-15-830-HC

Manufacturer: ISM

Luminaire: SFR8-15-830-HC

Luminaire Cat: CCT: 2994K, CRI: 81.4Ra

Lamp: LED_DOB

Lamp Output: 1 lamp, total luminaire Lumens: 1127.7

Max Candela: 1,843.4 at Horizontal: 0°, Vertical: 0°

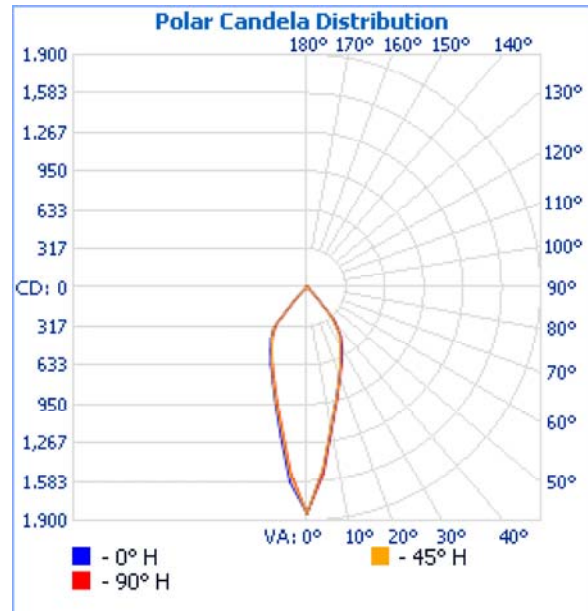
Input Wattage: 15.1

Luminous Opening: Point

Test Date: 2018-01-31

Photometry : Type C

Nema Type: 5 X 5



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.7
Max Cd, 80 to <90 Deg:	0.9
Lumens % Lamp	
Downward Street Side:	544.4 48.3%
Downward House Side:	586.9 52%
Downward Total:	1,131.2 100.3%
Total Lumens:	1,131.2 100.3%

Zonal Lumen Summary

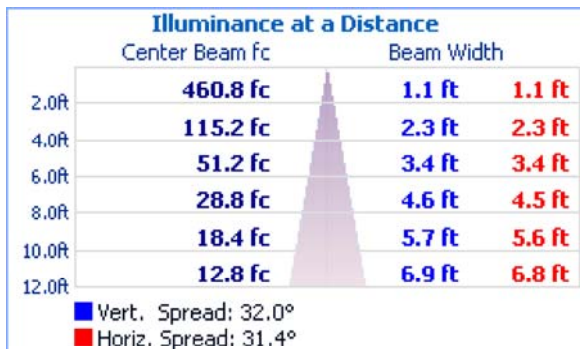
Zone	Lumens	% Luminaire
0-30	709.4	62.9%
0-40	1,005.8	89.2%
0-60	1,124.2	99.7%
60-90	3.5	0.3%
0-90	1,127.7	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.2%	1,073.8	86.7	86.6
Beam (50%):	25.4%	287.0	31.4	32
Total:	100.3%	1,130.5		

Lumens Per Zone

Zone	Lumens	% Total
0-10	133.4	11.8%
10-20	267.6	23.7%
20-30	308.3	27.3%
30-40	296.5	26.3%
40-50	108.7	9.6%
50-60	9.7	0.9%
60-70	1.6	0.1%
70-80	1.0	0.1%
80-90	0.9	0.1%



Luminaire Report Summary

IESNA:LM-63-1995

[TEST]

[DATE] 2018-01-31

[MANUFAC] ISM

[LUMCAT] CCT: 2994K, CRI: 81.4Ra

[LUMINAIRE] SFR8-15-830-HC

[LAMPCAT]

[LAMP] LED_DOB

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.