

Photometrics Pro

Luminaire Photometric Report

Filename: SFK8-15-840-HC

Manufacturer: ISM

Luminaire: SFK8-15-840-HC

Luminaire Cat: CCT: 4003K, CRI: 82.8Ra

Lamp: LED_DOB

Lamp Output: 1 lamp, total luminaire Lumens: 1076.6

Max Candela: 1,756.5 at Horizontal: 0°, Vertical: 0°

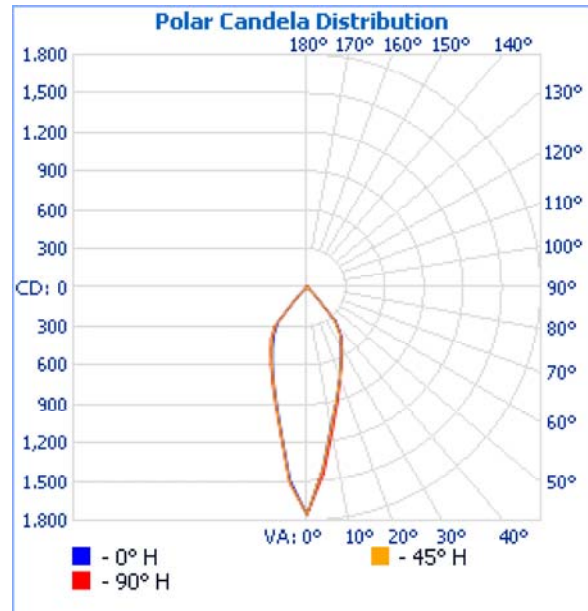
Input Wattage: 15

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:	532.3 49.4%
Downward House Side:	547.7 50.9%
Downward Total:	1,080.1 100.3%
Total Lumens:	1,080.1 100.3%

Zonal Lumen Summary

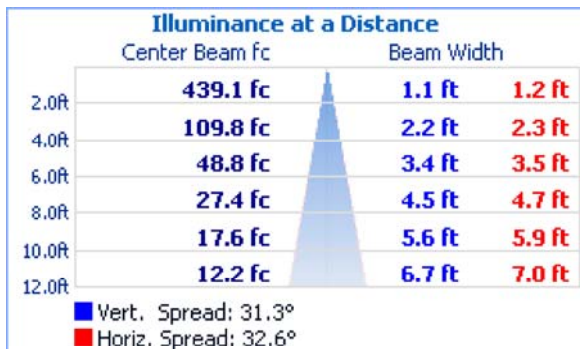
Zone	Lumens	% Luminaire
0-30	676.3	62.8%
0-40	959.2	89.1%
0-60	1,073.2	99.7%
60-90	3.4	0.3%
0-90	1,076.6	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95%	1,022.8	86.9	86.7
Beam (50%):	25.3%	272.1	32.6	31.3
Total:	100.3%	1,079.4		

Lumens Per Zone

Zone	Lumens	% Total
0-10	127.5	11.8%
10-20	255.3	23.7%
20-30	293.4	27.3%
30-40	282.9	26.3%
40-50	104.8	9.7%
50-60	9.3	0.9%
60-70	1.6	0.1%
70-80	1.0	0.1%
80-90	0.8	0.1%



Luminaire Report Summary

IESNA:LM-63-1995

[TEST]

[DATE] 2018-01-31

[MANUFAC] ISM

[LUMCAT] CCT: 4003K, CRI: 82.8Ra

[LUMINAIRE] SFK8-15-840-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.