

Photometrics Pro

Luminaire Photometric Report

Filename: SFK8-20-840-HC

Manufacturer: ISM

Luminaire: SFK8-20-840-HC

Luminaire Cat: CCT: 3929K, CRI: 82.9Ra

Lamp: LED_DOB

Lamp Output: 1 lamp, total luminaire Lumens: 1389.1

Max Candela: 2,170.0 at Horizontal: 0°, Vertical: 0°

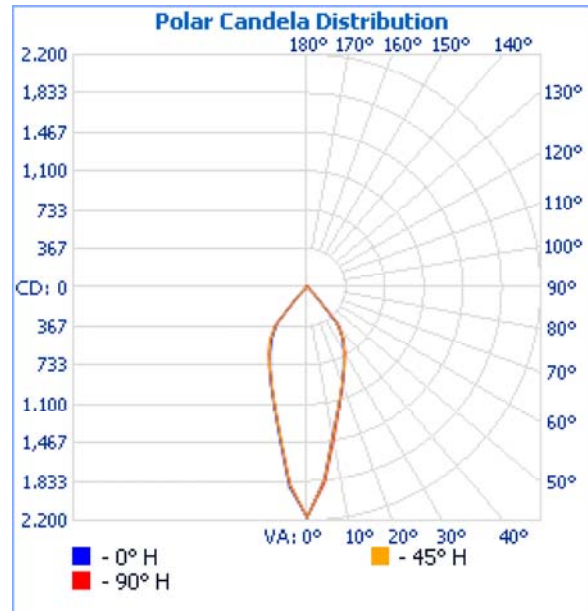
Input Wattage: 19.4

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:	1.0
Lumens % Lamp	
Downward Street Side:	690.2 49.7%
Downward House Side:	703.1 50.6%
Downward Total:	1,393.3 100.3%
Total Lumens:	1,393.3 100.3%

Zonal Lumen Summary

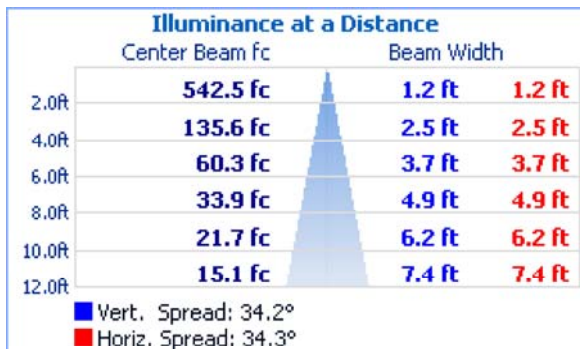
Zone	Lumens	% Luminaire
0-30	872.7	62.8%
0-40	1,239.1	89.2%
0-60	1,385.3	99.7%
60-90	3.8	0.3%
0-90	1,389.1	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.4%	1,325.3	87.1	87.1
Beam (50%):	28.1%	390.4	34.3	34.2
Total:	100.2%	1,392.5		

Lumens Per Zone

Zone	Lumens	% Total
0-10	161.9	11.7%
10-20	328.2	23.6%
20-30	382.6	27.5%
30-40	366.4	26.4%
40-50	134.9	9.7%
50-60	11.4	0.8%
60-70	1.8	0.1%
70-80	1.1	0.1%
80-90	0.9	0.1%



Luminaire Report Summary

IESNA:LM-63-1995

[TEST]

[DATE] 2018-01-31

[MANUFAC] ISM

[LUMCAT] CCT: 3929K, CRI: 82.9Ra

[LUMINAIRE] SFK8-20-840-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.