

Photometrics Pro

Luminaire Photometric Report

Filename: SFK8-40-840-HC

Manufacturer: ISM

Luminaire: SFR8-40-840-HC

Luminaire Cat: CCT: 3898K, CRI: 82.3

Lamp: LED_DOB

Lamp Output: 1 lamp, total luminaire Lumens: 2709.8

Max Candela: 4,234.8 at Horizontal: 0°, Vertical: 0°

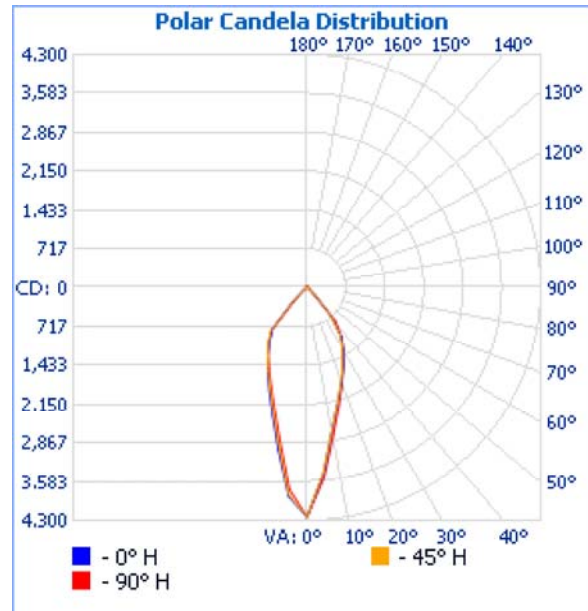
Input Wattage: 39.5

Luminous Opening: Point

Test Date: 2018-01-26

Photometry : Type C

Nema Type: 5 X 5



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.8
Max Cd, 80 to <90 Deg:	1.2
Lumens % Lamp	
Downward Street Side:	1,289.4 47.6%
Downward House Side:	1,428.7 52.7%
Downward Total:	2,718.0 100.3%
Total Lumens:	2,718.0 100.3%

Zonal Lumen Summary

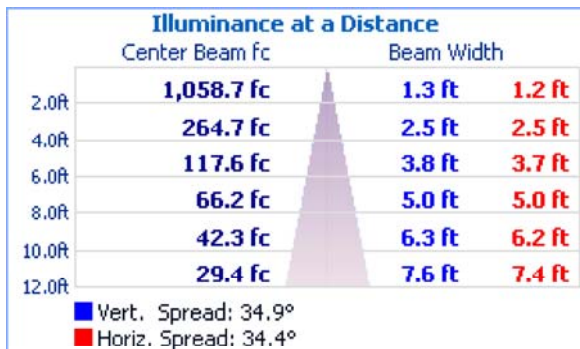
Zone	Lumens	% Luminaire
0-30	1,714.0	63.3%
0-40	2,422.1	89.4%
0-60	2,704.7	99.8%
60-90	5.1	0.2%
0-90	2,709.8	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.6%	2,591.5	87	86.9
Beam (50%):	28.8%	780.7	34.4	34.9
Total:	100.2%	2,716.4		

Lumens Per Zone

Zone	Lumens	% Total
0-10	317.8	11.7%
10-20	646.4	23.9%
20-30	749.8	27.7%
30-40	708.1	26.1%
40-50	260.1	9.6%
50-60	22.5	0.8%
60-70	2.8	0.1%
70-80	1.4	0.1%
80-90	1.0	0.0%



Luminaire Report Summary

IESNA:LM-63-1995

[TEST]

[DATE] 2018-01-26

[MANUFAC] ISM

[LUMCAT] CCT: 3898K, CRI: 82.3

[LUMINAIRE] SFR8-40-840-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.