

Photometrics Pro

Luminaire Photometric Report

Filename: SFK8-30-827-HC

Manufacturer: ISM

Luminaire: SFK8-30-827-HC

Luminaire Cat: CCT: 2747K, CRI: 81.3Ra

Lamp: LED_DOB

Lamp Output: 1 lamp, total luminaire Lumens: 1923.2

Max Candela: 3,010.7 at Horizontal: 0°, Vertical: 0°

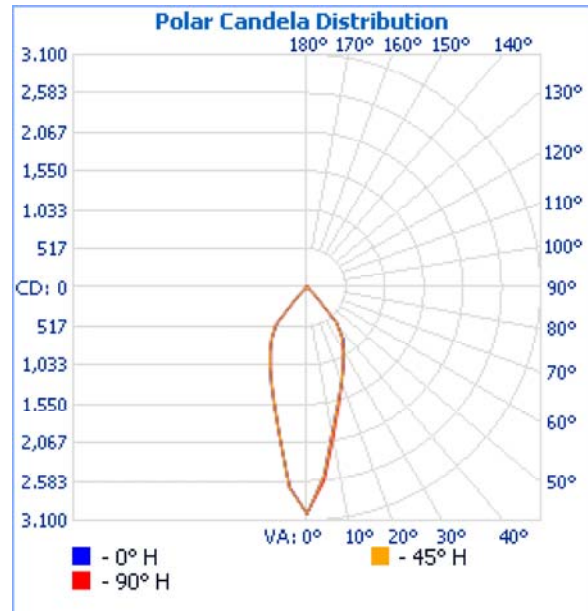
Input Wattage: 30.1

Luminous Opening: Point

Test Date: 2018-01-29

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:	1.1
Lumens % Lamp	
Downward Street Side:	953.1 49.6%
Downward House Side:	975.9 50.7%
Downward Total:	1,929.0 100.3%
Total Lumens:	1,929.0 100.3%

Zonal Lumen Summary

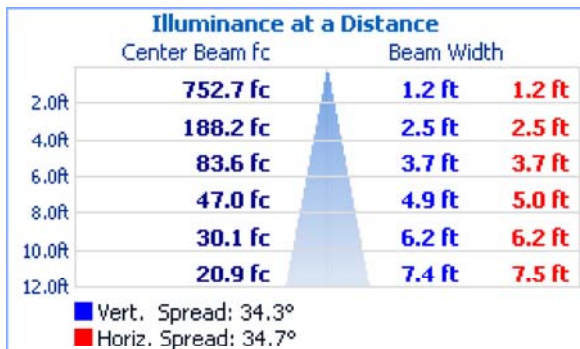
Zone	Lumens	% Luminaire
0-30	1,216.1	63.2%
0-40	1,720.0	89.4%
0-60	1,918.9	99.8%
60-90	4.3	0.2%
0-90	1,923.2	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.4%	1,834.6	87	86.9
Beam (50%):	28.6%	549.3	34.7	34.3
Total:	100.2%	1,927.9		

Lumens Per Zone

Zone	Lumens	% Total
0-10	227.0	11.8%
10-20	458.6	23.8%
20-30	530.5	27.6%
30-40	503.9	26.2%
40-50	183.5	9.5%
50-60	15.4	0.8%
60-70	2.1	0.1%
70-80	1.2	0.1%
80-90	0.9	0.0%



Luminaire Report Summary

IESNA:LM-63-1995

[TEST]

[DATE] 2018-01-29

[MANUFAC] ISM

[LUMCAT] CCT: 2747K, CRI: 81.3Ra

[LUMINAIRE] SFK8-30-827-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.