

Photometrics Pro

Luminaire Photometric Report

Filename: SFK8-15-827-HC

Manufacturer: ISM

Luminaire: SFK8-15-827-HC

Luminaire Cat: CCT: 2809K, CRI: 82.2Ra

Lamp: LED_DOB

Lamp Output: 1 lamp, total luminaire Lumens: 1007.9

Max Candela: 1,643.0 at Horizontal: 0°, Vertical: 0°

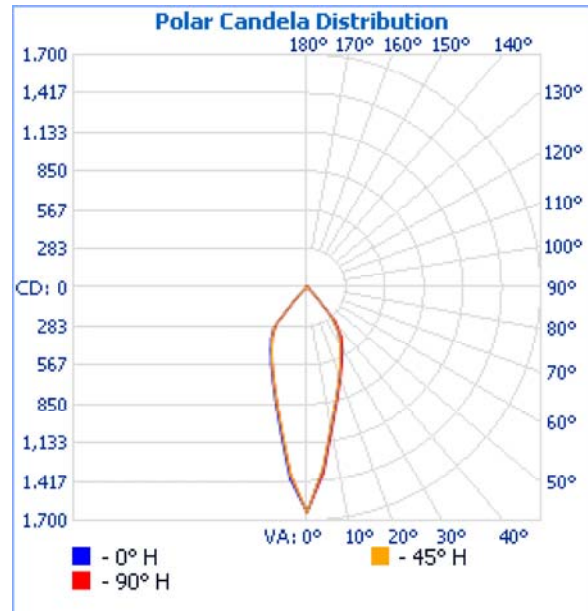
Input Wattage: 15.3

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:	486.1 48.2%
Downward House Side:	525.0 52.1%
Downward Total:	1,011.1 100.3%
Total Lumens:	1,011.1 100.3%

Zonal Lumen Summary

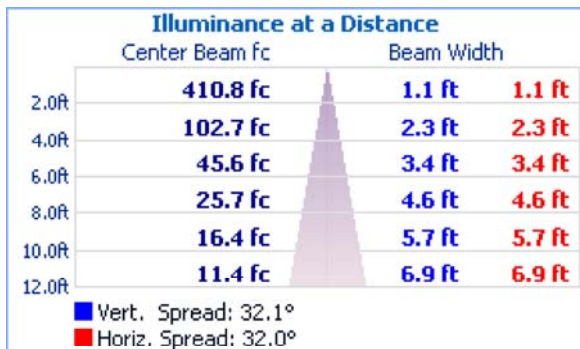
Zone	Lumens	% Luminaire
0-30	634.2	62.9%
0-40	898.6	89.2%
0-60	1,004.6	99.7%
60-90	3.4	0.3%
0-90	1,007.9	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.2%	959.6	86.8	86.6
Beam (50%):	25.6%	257.9	32	32.1
Total:	100.3%	1,010.5		

Lumens Per Zone

Zone	Lumens	% Total
0-10	119.1	11.8%
10-20	239.4	23.8%
20-30	275.7	27.4%
30-40	264.4	26.2%
40-50	97.1	9.6%
50-60	8.8	0.9%
60-70	1.5	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: 2809K, CRI: 82.2Ra

[LUMINAIRE] SFK8-15-827-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.