

# Photometrics Pro

## Luminaire Photometric Report

**Filename:** SFK8-20-827-HC

**Manufacturer:** ISM

**Luminaire:** SFK8-20-827-HC

**Luminaire Cat:** CCT: 2768K, CRI: 81.3Ra

**Lamp:** LED\_DOB

**Lamp Output:** 1 lamp, total luminaire Lumens: 1312.5

**Max Candela:** 2,009.4 at Horizontal: 0°, Vertical: 0°

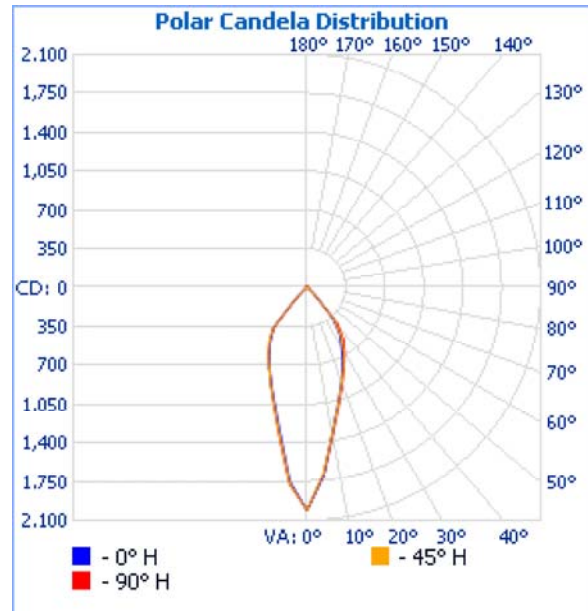
**Input Wattage:** 20.5

**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:	637.8 48.6%
Downward House Side:	678.6 51.7%
Downward Total:	1,316.3 100.3%
Total Lumens:	1,316.3 100.3%

### Zonal Lumen Summary

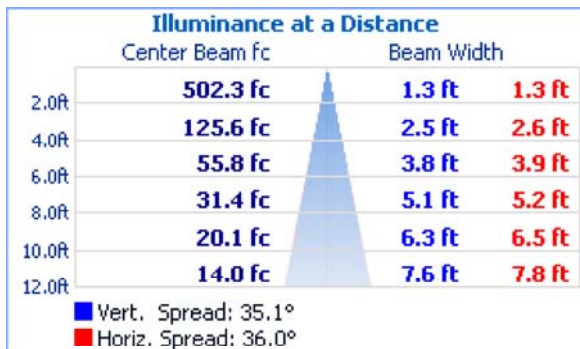
Zone	Lumens	% Luminaire
0-30	825.3	62.9%
0-40	1,170.3	89.2%
0-60	1,308.8	99.7%
60-90	3.7	0.3%
0-90	1,312.5	100%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.5%	1,253.0	87.3	87.1
Beam (50%):	29.7%	390.5	36	35.1
Total:	100.2%	1,315.6		

### Lumens Per Zone

Zone	Lumens	% Total
0-10	151.6	11.5%
10-20	311.0	23.7%
20-30	362.7	27.6%
30-40	345.0	26.3%
40-50	127.5	9.7%
50-60	11.0	0.8%
60-70	1.7	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: 2768K, CRI: 81.3Ra

[LUMINAIRE] SFK8-20-827-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.