

# Photometrics Pro

## Luminaire Photometric Report

**Filename:** SFK8-20-830-HC

**Manufacturer:** ISM

**Luminaire:** SFK8-20-830-HC

**Luminaire Cat:** CCT: 2944K, CRI: 81.3Ra

**Lamp:** LED\_DOB

**Lamp Output:** 1 lamp, total luminaire Lumens: 1387.9

**Max Candela:** 2,159.8 at Horizontal: 0°, Vertical: 0°

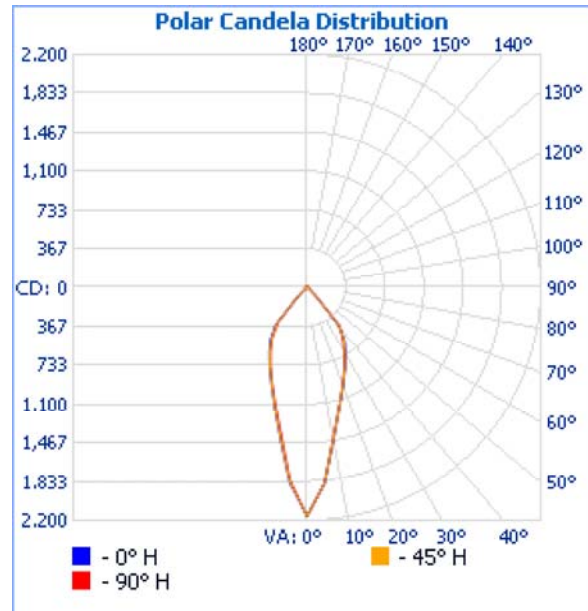
**Input Wattage:** 20.3

**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:	1.0
Lumens % Lamp	
Downward Street Side:	696.9 50.2%
Downward House Side:	695.2 50.1%
Downward Total:	1,392.1 100.3%
Total Lumens:	1,392.1 100.3%

### Zonal Lumen Summary

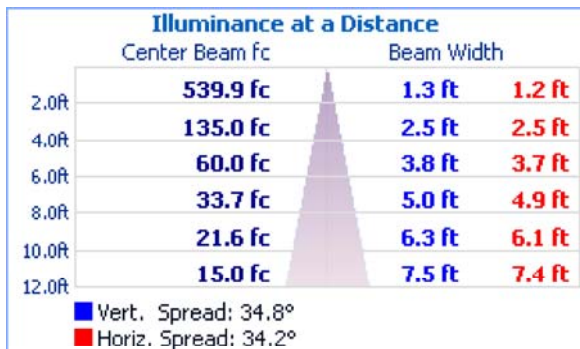
Zone	Lumens	% Luminaire
0-30	872.6	62.9%
0-40	1,238.5	89.2%
0-60	1,384.1	99.7%
60-90	3.8	0.3%
0-90	1,387.9	100%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.3%	1,322.2	87	87.2
Beam (50%):	27.9%	387.6	34.2	34.8
Total:	100.2%	1,391.2		

### Lumens Per Zone

Zone	Lumens	% Total
0-10	161.3	11.6%
10-20	328.2	23.6%
20-30	383.1	27.6%
30-40	365.9	26.4%
40-50	134.2	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: 2944K, CRI: 81.3Ra

[LUMINAIRE] SFK8-20-830-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.