

# Photometrics Pro

## Luminaire Photometric Report

**Filename:** SFK8-30-840-HC

**Manufacturer:** ISM

**Luminaire:** SFK8-30-840-HC

**Luminaire Cat:** CCT: 3930K, CRI: 82.9Ra

**Lamp:** LED\_DOB

**Lamp Output:** 1 lamp, total luminaire Lumens: 2077.9

**Max Candela:** 3,164.4 at Horizontal: 0°, Vertical: 0°

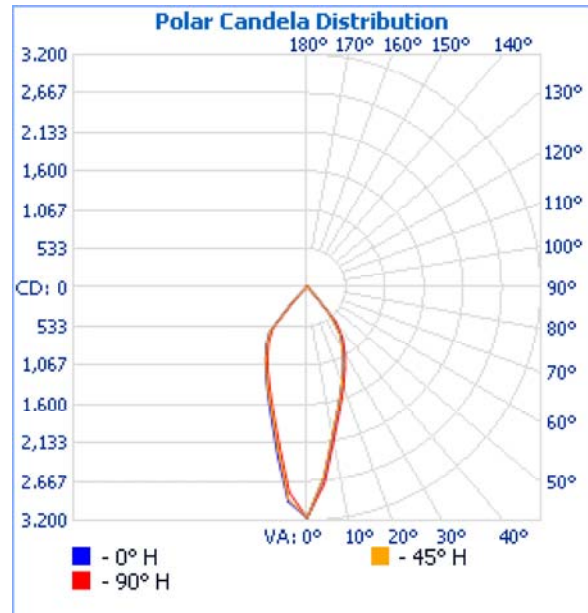
**Input Wattage:** 29.5

**Luminous Opening:** Point

**Test Date:** 2018-01-29

**Photometry :** Type C

**Nema Type:** 5 X 5



### Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE I, VERY SHORT
Max Cd, 90 Deg Vert:	0.8
Max Cd, 80 to <90 Deg:	1.1
Lumens % Lamp	
Downward Street Side:	974.2 46.9%
Downward House Side:	1,109.9 53.4%
Downward Total:	2,084.0 100.3%
Total Lumens:	2,084.0 100.3%

### Zonal Lumen Summary

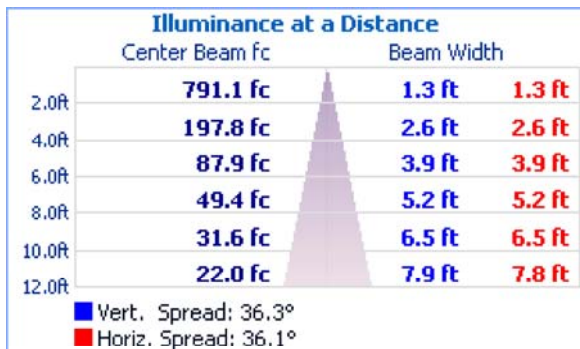
Zone	Lumens	% Luminaire
0-30	1,312.8	63.2%
0-40	1,853.2	89.2%
0-60	2,073.3	99.8%
60-90	4.6	0.2%
0-90	2,077.9	100%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.6%	1,986.3	87.2	87.2
Beam (50%):	30.5%	633.0	36.1	36.3
Total:	100.2%	2,082.8		

### Lumens Per Zone

Zone	Lumens	% Total
0-10	242.1	11.7%
10-20	495.7	23.9%
20-30	574.9	27.7%
30-40	540.5	26.0%
40-50	202.5	9.7%
50-60	17.6	0.8%
60-70	2.4	0.1%
70-80	1.3	0.1%
80-90	0.9	0.0%



**Luminaire Report Summary**

IESNA:LM-63-1995

[TEST]

[DATE] 2018-01-29

[MANUFAC] ISM

[LUMCAT] CCT: 3930K, CRI: 82.9Ra

[LUMINAIRE] SFK8-30-840-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.