

# Photometrics Pro

## Luminaire Photometric Report

**Filename:** SFK8-40-827-HC

**Manufacturer:** ISM

**Luminaire:** SFK8-40-827-HC

**Luminaire Cat:** CCT: 2719K, CRI: 81.1

**Lamp:** LED\_DOB

**Lamp Output:** 1 lamp, total luminaire Lumens: 2544.3

**Max Candela:** 4,024.1 at Horizontal: 0°, Vertical: 0°

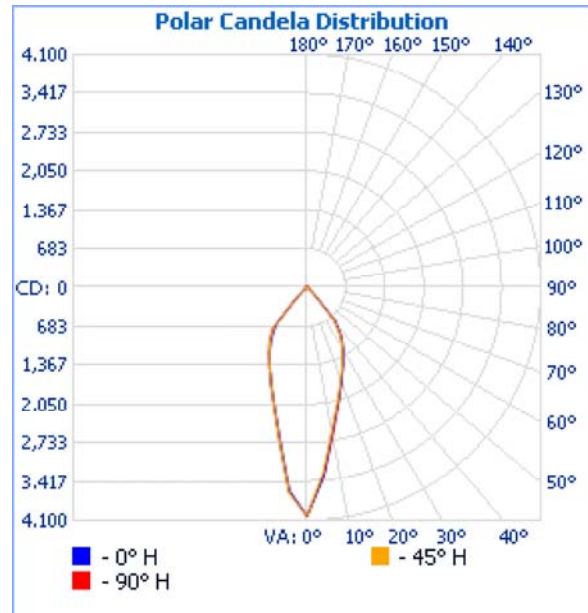
**Input Wattage:** 39.8

**Luminous Opening:** Point

**Test Date:** 2018-01-26

**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:	1.2
Lumens % Lamp	
Downward Street Side:	1,248.5 49.1%
Downward House Side:	1,303.6 51.2%
Downward Total:	2,552.1 100.3%
Total Lumens:	2,552.1 100.3%

### Zonal Lumen Summary

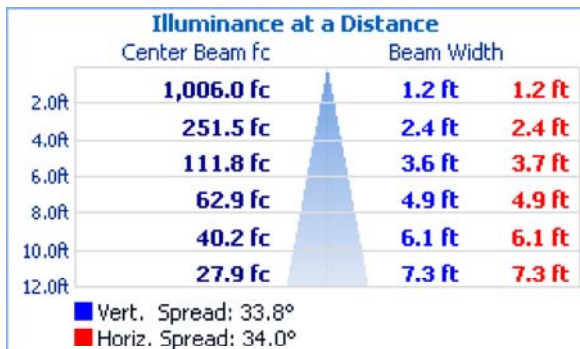
Zone	Lumens	% Luminaire
0-30	1,610.2	63.3%
0-40	2,276.5	89.5%
0-60	2,539.5	99.8%
60-90	4.8	0.2%
0-90	2,544.3	100%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.5%	2,429.1	86.9	86.9
Beam (50%):	27.7%	705.5	34	33.8
Total:	100.2%	2,550.6		

### Lumens Per Zone

Zone	Lumens	% Total
0-10	301.1	11.8%
10-20	607.1	23.9%
20-30	702.0	27.6%
30-40	666.4	26.2%
40-50	243.0	9.5%
50-60	20.0	0.8%
60-70	2.5	0.1%
70-80	1.4	0.1%
80-90	1.0	0.0%



**Luminaire Report Summary**

IESNA:LM-63-1995  
[TEST]  
[DATE] 2018-01-26  
[MANUFAC] ISM  
[LUMCAT] CCT: 2719K, CRI: 81.1  
[LUMINAIRE] SFK8-40-827-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.