

Photometrics Pro

Luminaire Photometric Report

Filename: SFK8-40-830-HC

Manufacturer: ISM

Luminaire: SFK8-40-830-HC

Luminaire Cat: CCT: 2914K, CRI: 80.8Ra

Lamp: LED_DOB

Lamp Output: 1 lamp, total luminaire Lumens: 2588.2

Max Candela: 4,013.9 at Horizontal: 0°, Vertical: 0°

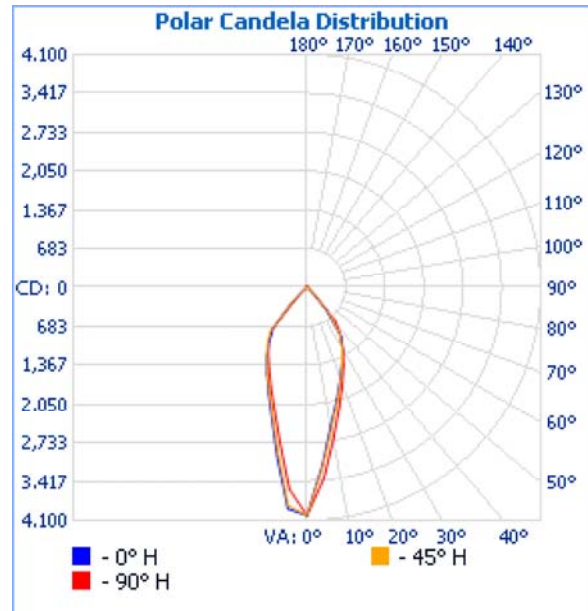
Input Wattage: 39.5

Luminous Opening: Point

Test Date: 2018-01-26

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: 1.3

Lumens % Lamp

Downward Street Side: 1,200.0 46.4%

Downward House Side: 1,395.9 53.9%

Downward Total: 2,596.0 100.3%

Total Lumens: 2,596.0 100.3%

Zonal Lumen Summary

Zone Lumens % Luminaire

0-30 1,642.8 63.5%

0-40 2,315.5 89.5%

0-60 2,583.3 99.8%

60-90 4.8 0.2%

0-90 2,588.2 100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.5%	2,473.0	86.9	86.4
Beam (50%):	29.6%	766.1	35.2	34.8
Total:	100.2%	2,594.4		

Lumens Per Zone

Zone Lumens % Total

0-10 304.7 11.8%

10-20 620.6 24.0%

20-30 717.5 27.7%

30-40 672.7 26.0%

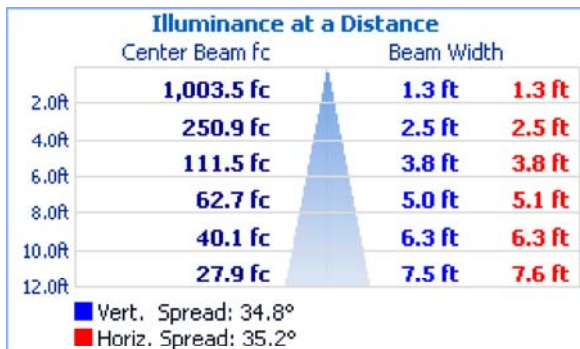
40-50 246.6 9.5%

50-60 21.2 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: 2914K, CRI: 80.8Ra

[LUMINAIRE] SFK8-40-830-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.