

Photometrics Pro

Luminaire Photometric Report

Filename: **4429 45W**

Manufacturer: ISM

Luminaire: 4429-45W-840

Luminaire Cat: CCT: 3872K, CRI: 82.7Ra

Lamp: LED_Wall Pack

Lamp Output: 1 lamp, total luminaire Lumens: 3970.9

Max Candela: 1,894.6 at Horizontal: 260Å°, Vertical: 30Å°

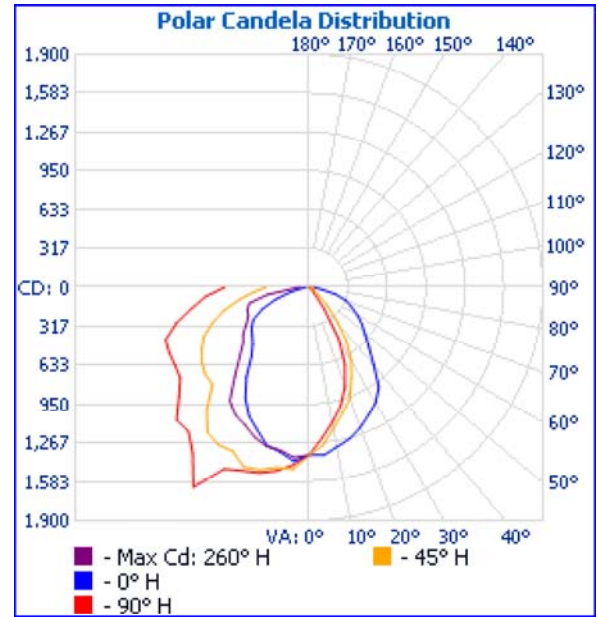
Input Wattage: 45.6

Luminous Opening: Point

Test Date: 2017-05-12

Photometry : Type C

Nema Type: 4 X 5



Roadway Summary

Cutoff Classification:	NONCUTOFF
Distribution:	TYPE I, VERY SHORT
Max Cd, 90 Deg Vert:	771.7
Max Cd, 80 to <90 Deg:	1,752.7
Lumens % Lamp	
Downward Street Side:	1,984.4 50%
Downward House Side:	1,988.1 50.1%
Downward Total:	3,972.5 100%
Total Lumens:	3,972.5 100%

Zonal Lumen Summary

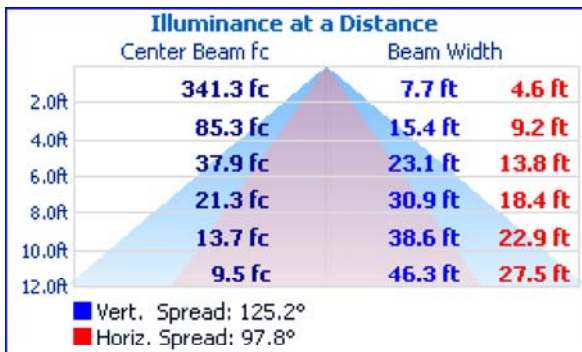
Zone	Lumens	% Luminaire
0-30	1,028.0	25.9%
0-40	1,624.3	40.9%
0-60	2,705.7	68.1%
60-90	1,265.3	31.9%
0-90	3,970.9	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	97.3%	3,863.7	65.8	90
Beam (50%):	65.1%	2,585.4	97.8	125.2
Total:	100%	3,970.9		

Lumens Per Zone

Zone	Lumens	% Total
0-10	129.6	3.3%
10-20	364.1	9.2%
20-30	534.3	13.5%
30-40	596.3	15.0%
40-50	543.0	13.7%
50-60	538.3	13.6%
60-70	523.2	13.2%
70-80	448.4	11.3%
80-90	293.6	7.4%



Luminaire Report Summary

IESNA:LM-63-1995

[TEST]

[DATE] 2017-05-12

[MANUFAC] ISM

[LUMCAT] CCT: 3872K, CRI: 82.7Ra

[LUMINAIRE] 4429-45W-840

[LAMPCAT]

[LAMP] LED_Wall Pack

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.