

Photometrics Pro

Luminaire Photometric Report

Filename: **s22100011b-01**

Manufacturer: RP Lighting + Fans

Luminaire: 120V 60Hz 2700K

Luminaire Cat: 4345-2-30

Lamp Output: 1 lamp, rated Lumens/lamp: 3011.6

Max Candela: 878.2 at Horizontal: 50°, Vertical: 1Å°

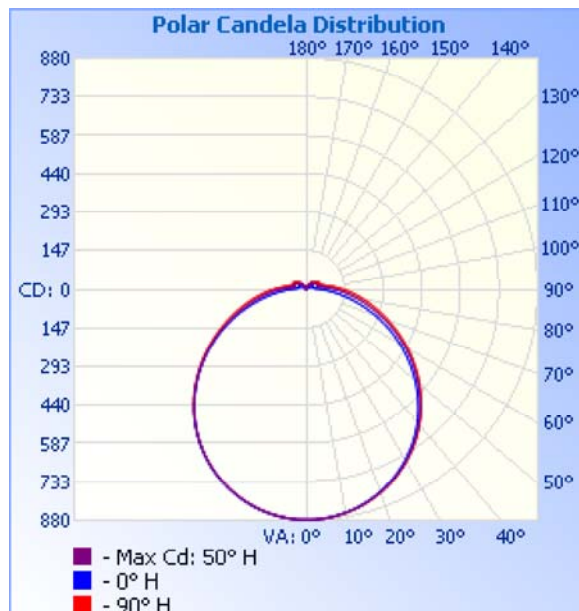
Input Wattage: 39.87

Luminous Opening: Point

Test: s22100011b-01

Test Lab: LEADING TESTING LABORATORIES

Photometry : Type C



Roadway Summary

Cutoff Classification:	SEMICUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	138.7	
Max Cd, 80 to <90 Deg:	222.8	
	Lumens % Lamp	
Downward Street Side:	1,392.0	46.2%
Downward House Side:	1,389.5	46.1%
Downward Total:	2,781.5	92.4%
Upward Street Side:	113.5	3.8%
Upward House Side:	116.7	3.9%
Upward Total:	230.2	7.6%
Total Lumens:	3,011.7	100%

Flood Summary

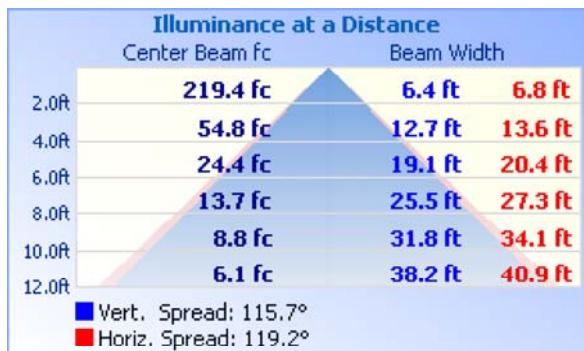
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	93%	2,800.1	n/a	171.5
Beam (50%):	65.7%	1,977.6	119.2	115.7
Total:	100%	3,011.1		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	685.9	22.8%	22.8%
0-40	1,129.8	37.5%	37.5%
0-60	2,032.2	67.5%	67.5%
60-90	749.0	24.9%	24.9%
70-100	470.9	15.6%	15.6%
90-120	162.1	5.4%	5.4%
0-90	2,781.3	92.4%	92.4%
90-180	230.1	7.6%	7.6%
0-180	3,011.4	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	83.1	2.8%	90-100	75.5	2.5%
10-20	238.7	7.9%	100-110	46.8	1.6%
20-30	364.2	12.1%	110-120	39.8	1.3%
30-40	443.9	14.7%	120-130	30.2	1%
40-50	467.7	15.5%	130-140	19.6	0.6%
50-60	434.7	14.4%	140-150	10.5	0.4%
60-70	353.6	11.7%	150-160	5.2	0.2%
70-80	247.6	8.2%	160-170	2.1	0.1%
80-90	147.8	4.9%	170-180	0.4	0%



Luminaire Report Summary

IESNA:LM-63-1995
[TEST] s22100011b-01
[TESTLAB] LEADING TESTING LABORATORIES
[TESTDATE]
[ISSUEDATE] 2022-10-26 11:29:00
[NEARFIELD]
[LAMPPOSITION] 0,0
[MANUFAC] RP Lighting + Fans
[LUMCAT] 4345-2-30
[LUMINAIRE] 120V 60Hz 2700K
[LAMP]
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 361, HORIZONTAL ANGLES: 37
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.