



Filename: LRH15L175W25600LDMV50KBZ

Manufacturer: SAYLITE

Luminaire: LED

Luminaire Cat: LRH15L175W25600LDMV50KBZ

Ballast Desc: 120-277Vac,50/60Hz

Lamp Output: 1 lamp, rated Lumens/lamp: 25839

Max Candela: 11,319.4 at Horizontal: 150°, Vertical: 27°

Input Wattage: 175.189

Luminous Opening: Circular (Dia: 13.78")

Test Date: 20 May 2019

Photometry : Type C

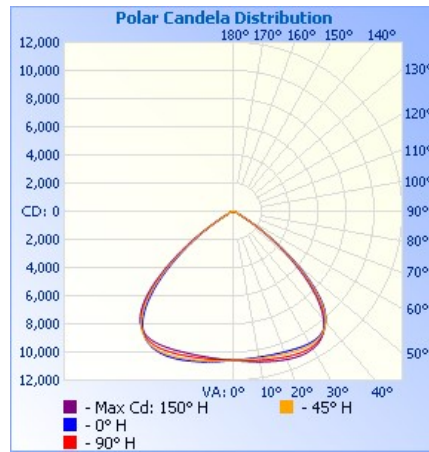
Nema Type: 6 X 6

Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	7.3
Max Cd, 80 to <90 Deg:	137.9
	Lumens % Lamp
Downward Street Side:	12,969.7 50.2%
Downward House Side:	12,850.2 49.7%
Downward Total:	25,819.9 99.9%
Upward Street Side:	7.6 0%
Upward House Side:	11.9 0%
Upward Total:	19.6 0.1%
Total Lumens:	25,839.4 100%

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	9,175.7	35.5%	35.5%
0-40	15,928.1	61.6%	61.7%
0-60	25,088.1	97.1%	97.1%
60-90	728.0	2.8%	2.8%
70-100	283.6	1.1%	1.1%
90-120	2.6	0%	0%
0-90	25,816.1	99.9%	99.9%
90-180	19.5	0.1%	0.1%
0-180	25,835.7	100%	100%

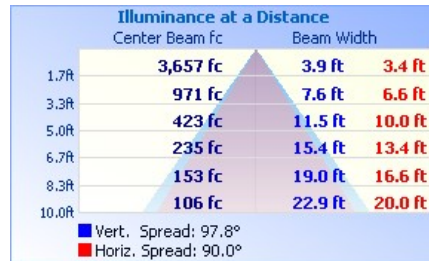
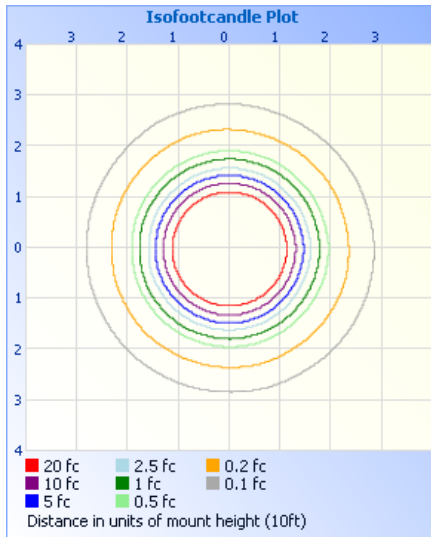


Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	96.9%	25,031.4	111.7	117.3
Beam (50%):	86.8%	22,436.0	90	97.8
Total:	100%	25,829.9		

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	1,014.8	3.9%	90-100	0.3	0%
10-20	3,061.2	11.8%	100-110	0.8	0%
20-30	5,099.7	19.7%	110-120	1.6	0%
30-40	6,752.5	26.1%	120-130	2.6	0%
40-50	6,386.5	24.7%	130-140	3.5	0%
50-60	2,773.5	10.7%	140-150	3.9	0%
60-70	444.7	1.7%	150-160	3.6	0%
70-80	218.4	0.8%	160-170	2.4	0%
80-90	65.0	0.3%	170-180	0.9	0%



Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

Table with columns for RCC % (80, 70, 50, 30, 10, 0) and RW % (70, 50, 30, 0) and rows for RCR values from 0 to 10.

Candela Table - Type C

Large grid table with columns 0-360 and rows 0-49, containing numerical candela values.

IESNA:LM-63-2002
[TEST]
[TESTLAB]
[TESTDATE] 20 May 2019
[ISSUE DATE] 2019-05-20 09:19:51
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] SAYLITE
[LUMCAT] LRH15L175W25600LDMV50KBZ
[LUMINAIRE] LED
[BALLAST] 120-277Vac, 50/60Hz
[OTHER]
[OTHER] Gamma (deg) Fz (lm) Ft (lm) %Lum %Lamp
[OTHER] 0- 10 1014.73 1014.73 3.93 3.93
[OTHER] 10- 20 3061.06 4075.80 15.77 15.77
[OTHER] 20- 30 5099.52 9175.32 35.51 35.51
[OTHER] 30- 40 6753.52 15928.85 61.65 61.65
[OTHER] 40- 50 6388.27 22317.11 86.37 86.37
[OTHER] 50- 60 2774.70 25091.82 97.11 97.11
[OTHER] 60- 70 444.77 25536.58 98.83 98.83
[OTHER] 70- 80 218.31 25754.90 99.67 99.67
[OTHER] 80- 90 64.97 25819.87 99.92 99.92
[OTHER] 90-100 0.29 25820.16 99.93 99.93
[OTHER] 100-110 0.79 25820.95 99.93 99.93
[OTHER] 110-120 1.57 25822.52 99.93 99.93
[OTHER] 120-130 2.58 25825.10 99.94 99.94
[OTHER] 130-140 3.52 25828.62 99.96 99.96
[OTHER] 140-150 3.91 25832.54 99.97 99.97
[OTHER] 150-160 3.59 25836.12 99.99 99.99
[OTHER] 160-170 2.45 25838.57 100.00 100.00
[OTHER] 170-180 0.86 25839.43 100.00 100.00
[OTHER]
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 25
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.29 copyright 2003-2020 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.