



Filename: LRH15L200W29700LDMV50KBZ

Manufacturer: SAYLITE

Luminaire: LED

Luminaire Cat: LRH15L200W29700LDMV50KBZ

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

Lamp Output: 1 lamp, rated Lumens/lamp: 29930

Max Candela: 13,558.0 at Horizontal: 180°, Vertical: 26°

Input Wattage: 199.361

Luminous Opening: Circular (Dia: 13.78")

Test Date: 20 May 2019

Photometry : Type C

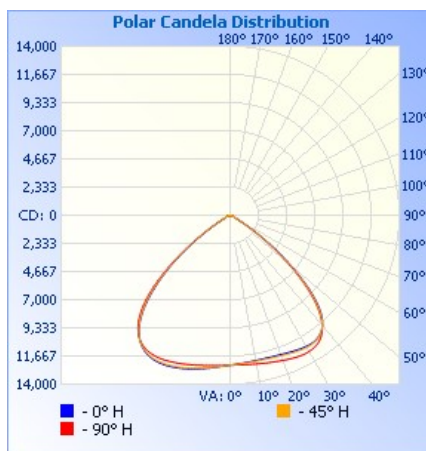
Nema Type: 6 X 6

Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	7.6
Max Cd, 80 to <90 Deg:	160.1
	Lumens % Lamp
Downward Street Side:	14,916.7 49.8%
Downward House Side:	14,991.0 50.1%
Downward Total:	29,907.7 99.9%
Upward Street Side:	8.9 0%
Upward House Side:	13.8 0%
Upward Total:	22.8 0.1%
Total Lumens:	29,930.4 100%

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	10,820.3	36.2%	36.2%
0-40	18,751.8	62.7%	62.7%
0-60	29,094.3	97.2%	97.2%
60-90	809.1	2.7%	2.7%
70-100	314.0	1%	1%
90-120	3.0	0%	0%
0-90	29,903.4	99.9%	99.9%
90-180	22.7	0.1%	0.1%
0-180	29,926.1	100%	100%

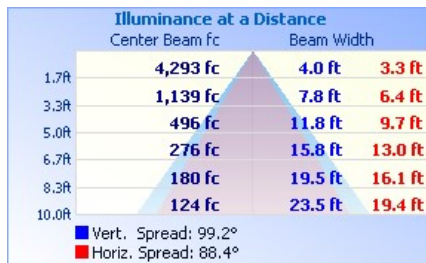
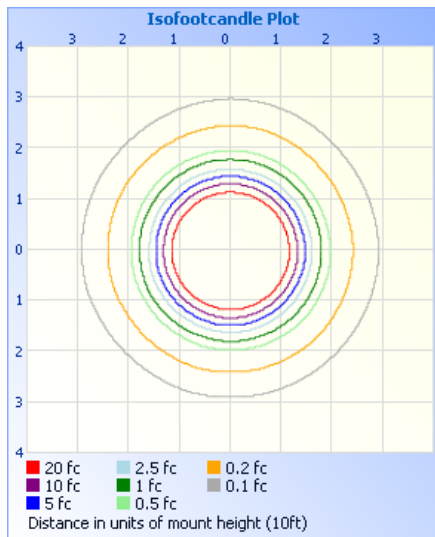


Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	96.8%	28,983.9	110.6	118.2
Beam (50%):	86.5%	25,894.1	88.4	99.2
Total:	100%	29,919.4		

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	1,192.3	4.0%	90-100	0.3	0%
10-20	3,606.4	12.1%	100-110	0.9	0%
20-30	6,021.6	20.1%	110-120	1.8	0%
30-40	7,931.5	26.5%	120-130	3.0	0%
40-50	7,330.2	24.5%	130-140	4.1	0%
50-60	3,012.3	10.1%	140-150	4.6	0%
60-70	495.4	1.7%	150-160	4.2	0%
70-80	242.8	0.8%	160-170	2.9	0%
80-90	70.9	0.2%	170-180	1.0	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). Rows represent RCR values from 0 to 10.

Candela Table - Type C

Large table with 37 columns (0 to 360) and 49 rows (0 to 49) containing candela values for various lighting configurations.

IESNA:LM-63-2002
[TEST]
[TESTLAB]
[TESTDATE] 20 May 2019
[ISSUEDATE] 2019-05-20 09:45:56
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] SAYLITE
[LUMCAT] LRH15L200W29700LDMV50KBZ
[LUMINAIRE] LED
[BALLAST] 120-277Vac, 50/60Hz
[OTHER]
[OTHER] Gamma (deg) Fz (lm) Ft (lm) %Lum %Lamp
[OTHER] 0- 10 1192.23 1192.23 3.98 3.98
[OTHER] 10- 20 3606.26 4798.48 16.03 16.03
[OTHER] 20- 30 6021.42 10819.91 36.15 36.15
[OTHER] 30- 40 7932.78 18752.69 62.65 62.65
[OTHER] 40- 50 7332.31 26085.00 87.15 87.15
[OTHER] 50- 60 3013.57 29098.56 97.22 97.22
[OTHER] 60- 70 495.49 29594.05 98.88 98.88
[OTHER] 70- 80 242.77 29836.82 99.69 99.69
[OTHER] 80- 90 70.89 29907.70 99.92 99.92
[OTHER] 90-100 0.33 29908.03 99.93 99.93
[OTHER] 100-110 0.87 29908.90 99.93 99.93
[OTHER] 110-120 1.79 29910.69 99.93 99.93
[OTHER] 120-130 3.00 29913.69 99.94 99.94
[OTHER] 130-140 4.10 29917.79 99.96 99.96
[OTHER] 140-150 4.56 29922.35 99.97 99.97
[OTHER] 150-160 4.20 29926.56 99.99 99.99
[OTHER] 160-170 2.88 29929.44 100.00 100.00
[OTHER] 170-180 1.01 29930.45 100.00 100.00
[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

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Reported data calculated from manufacturer's data file, based on IES recommended methods.