

Photometrics Pro

Luminaire Photometric Report

Specialized Lighting Solutions, LLC

Filename: LA-60002-N-W30

Manufacturer: LIGMAN

Luminaire: Lighttalk 1 inground luminaire LED

Luminaire Cat: LA-60002-N-W30

Lamp: 2x18 LED 3000K 0.4269,0.3964 3117K Ra84

Lamp Output: Total luminaire Lumens: 1918.1

Max Candela: 47,821.5 at Horizontal: 0°, Vertical: 180°

Input Wattage: 56.6

Luminous Opening: Rectangle (L: 1.38", W: 47.24")

Test: LIGMAN

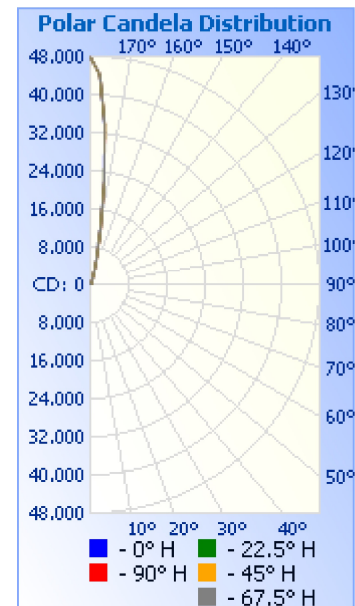
Test Lab: Ligman Lighting Photometric Laboratory

Photometry : Type C

CIE Class: Indirect

Cutoff Class: Noncutoff

Nema Type: 2 X 2



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	0	0%
0-40	0	0%
0-60	0	0%
60-90	0	0%
70-100	1.3	0%
90-120	25.8	0.7%
0-90	0	0%
90-180	3,836.2	100%
0-180	3,836.2	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	0	0.0%	90-100	1.3	0%
10-20	0	0.0%	100-110	5.9	0.2%
20-30	0	0.0%	110-120	18.6	0.5%
30-40	0	0.0%	120-130	49.6	1.3%
40-50	0	0.0%	130-140	70.3	1.8%
50-60	0	0.0%	140-150	64.8	1.7%
60-70	0	0.0%	150-160	127.6	3.3%
70-80	0	0.0%	160-170	1,037.3	27%
80-90	0	0.0%	170-180	2,460.9	64.1%

Illuminance at a Distance

Center Beam fc Beam Width

5.0ft	1,913 fc	1.2 ft	1.2 ft
10.0ft	478 fc	2.5 ft	2.5 ft
15.0ft	213 fc	3.7 ft	3.7 ft
20.0ft	120 fc	4.9 ft	5.0 ft
25.0ft	76.5 fc	6.2 ft	6.2 ft
30.0ft	53.1 fc	7.4 ft	7.5 ft

■ Vert. Spread: 14.1°

■ Horiz. Spread: 14.2°

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] LIGMAN
[TESTLAB] Ligman Lighting Photometric Laboratory
[ISSUEDATE] 19/08/2015 19:04:58
[MANUFAC] LIGMAN
[LUMCAT] LA-60002-N-W30
[LUMINAIRE] Lightalk 1 inground luminaire LED
[LAMP] 2x18 LED 3000K
[_ABSOLUTELUMENS] 3908
[MORE] 0.4269,0.3964 3117K Ra84
[_EEC] A+

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, 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.