

Photometrics Pro

Luminaire Photometric Report

Specialized Lighting Solutions, LLC

Filename: LA-60002-M-W40

Manufacturer: LIGMAN

Luminaire: Lighttalk 1 inground luminaire LED

Luminaire Cat: LA-60002-M-W40

Lamp: 2x18 LED 4000K 0.3799,0.3706 3990K Ra71

Lamp Output: Total luminaire Lumens: 2832.2

Max Candela: 25,579.0 at Horizontal: 0°, Vertical: 180°

Input Wattage: 55.9

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

Test: LIGMAN

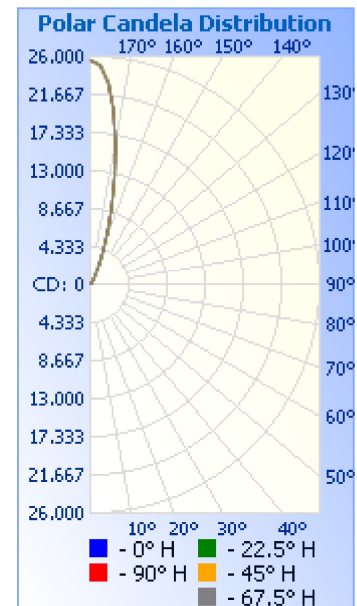
Test Lab: Ligman Lighting Photometric Laboratory

Photometry : Type C

CIE Class: Indirect

Cutoff Class: Noncutoff

Nema Type: 3 X 3



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	0	0%
0-40	0	0%
0-60	0	0%
60-90	0	0%
70-100	1.6	0%
90-120	22.4	0.4%
0-90	0	0%
90-180	5,664.4	100%
0-180	5,664.4	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	0	0.0%	90-100	1.6	0%
10-20	0	0.0%	100-110	5.9	0.1%
20-30	0	0.0%	110-120	15.0	0.3%
30-40	0	0.0%	120-130	29.2	0.5%
40-50	0	0.0%	130-140	55.9	1%
50-60	0	0.0%	140-150	192.8	3.4%
60-70	0	0.0%	150-160	842.9	14.9%
70-80	0	0.0%	160-170	2,552.4	45.1%
80-90	0	0.0%	170-180	1,968.8	34.8%

Illuminance at a Distance			
	Center Beam fc	Beam Width	
5.0ft	1,023 fc	2.2 ft	2.2 ft
10.0ft	256 fc	4.4 ft	4.4 ft
15.0ft	114 fc	6.5 ft	6.6 ft
20.0ft	63.9 fc	8.7 ft	8.7 ft
25.0ft	40.9 fc	10.9 ft	10.9 ft
30.0ft	28.4 fc	13.1 ft	13.1 ft

■ Vert. Spread: 24.6°
■ Horiz. Spread: 24.7°

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] LIGMAN
[TESTLAB] Ligman Lighting Photometric Laboratory
[ISSUEDATE] 19/08/2015 20:29:26
[MANUFAC] LIGMAN
[LUMCAT] LA-60002-M-W40
[LUMINAIRE] Lightalk 1 inground luminaire LED
[LAMP] 2x18 LED 4000K
[_ABSOLUTELUMENS] 5703
[MORE] 0.3799,0.3706 3990K Ra71
[_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.