

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	3182.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	58.0V x 58.0H
	At 50% of Imax	21.1V x 21.1H
	At 90% of Imax	7.4V x 7.6H

Beam Flux	Total	1000.5 lumens per klm.
	To 10% of Imax	690.2 lumens per klm.
	To 50% of Imax	234.4 lumens per klm.
	To 90% of Imax	36.8 lumens per klm.

Upward LOR	1.1 %
Downward LOR	98.9 %

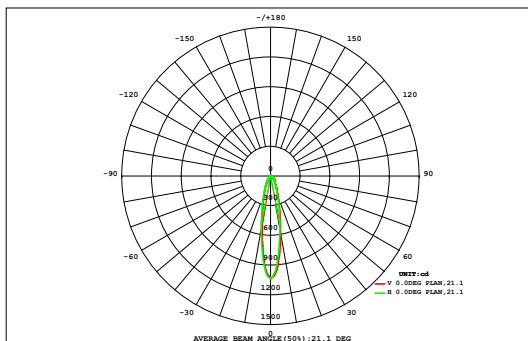
Luminaire Efficiency(Light Output Ratio)	100.0 %
--	---------

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2025-12-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:12.17V I:0.5300A P:4.126W PF:0.6397 Freq:59.99Hz Lamp Flux:325.348x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Brass Modules Micro	WEIGHT:
SPEC.:4.5W 3000K 15°LENS	DIM.:	SERIAL No.:1
MFR.: Lumien Enterprise,Inc.	SUR.:	Shielding Angle:Non Shroud



DATA OF LAMP		Eff:78.85lm/W	
MODEL	M7B1-4.5W-15-A	Imax(cd)	1035
NOMINAL POWER(W)	4.5	AVAILABILITY(%)	69.0
RATED VOLTAGE(V)	12	Avai. FLUX(lm)	224.6
NOMINAL FLUX(lm)	325.348	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	325.3
TEST VOLTAGE(V)	12	θ @50%(H,V)	21,21DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.07	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.29	0.30	0.29	0.27	0.24	0.21	0.17	0.14	0.11	0.08	3.45	0.00
45	0.07	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.29	0.30	0.29	0.27	0.24	0.21	0.17	0.14	0.11	0.08	3.45	0.00
40	0.08	0.11	0.14	0.19	0.24	0.30	0.35	0.40	0.43	0.43	0.42	0.39	0.34	0.29	0.23	0.18	0.14	0.10	4.77	0.00
35	0.09	0.13	0.18	0.25	0.32	0.41	0.49	0.56	0.61	0.62	0.60	0.55	0.47	0.39	0.31	0.24	0.17	0.13	6.54	0.00
30	0.11	0.16	0.23	0.32	0.43	0.55	0.68	0.80	0.88	0.90	0.85	0.76	0.65	0.52	0.40	0.30	0.22	0.15	8.90	3.06
25	0.13	0.19	0.28	0.40	0.55	0.73	0.94	1.15	1.29	1.33	1.23	1.06	0.87	0.68	0.51	0.37	0.26	0.18	12.1	8.27
20	0.14	0.22	0.33	0.48	0.69	0.96	1.33	1.72	2.01	2.06	1.85	1.50	1.15	0.86	0.62	0.45	0.31	0.20	16.9	13.7
15	0.16	0.25	0.37	0.56	0.84	1.25	1.85	2.56	3.17	3.26	2.79	2.10	1.49	1.04	0.74	0.51	0.35	0.23	23.5	20.7
10	0.17	0.26	0.41	0.63	0.97	1.55	2.42	3.66	4.96	5.13	4.08	2.80	1.84	1.22	0.83	0.56	0.37	0.24	32.1	29.5
5	0.17	0.28	0.43	0.66	1.05	1.72	2.82	4.65	6.80	7.00	5.28	3.37	2.07	1.32	0.88	0.59	0.39	0.25	39.8	37.4
0	0.17	0.28	0.43	0.66	1.05	1.72	2.79	4.60	6.80	7.15	5.41	3.42	2.09	1.33	0.88	0.60	0.39	0.25	40.0	37.7
-5	0.17	0.26	0.41	0.62	0.96	1.51	2.36	3.57	4.89	5.20	4.18	2.84	1.85	1.22	0.83	0.57	0.38	0.25	32.1	29.6
-10	0.16	0.24	0.37	0.55	0.82	1.22	1.80	2.47	3.08	3.21	2.77	2.09	1.48	1.05	0.74	0.52	0.35	0.23	23.2	20.4
-15	0.14	0.21	0.32	0.47	0.67	0.94	1.28	1.66	1.93	1.99	1.80	1.47	1.14	0.86	0.63	0.45	0.31	0.20	16.5	13.4
-20	0.12	0.18	0.27	0.39	0.53	0.71	0.91	1.10	1.25	1.28	1.21	1.05	0.87	0.69	0.52	0.38	0.26	0.18	11.9	8.00
-25	0.11	0.15	0.22	0.31	0.41	0.53	0.66	0.77	0.85	0.87	0.84	0.76	0.65	0.53	0.41	0.31	0.22	0.15	8.77	2.86
-30	0.09	0.13	0.18	0.24	0.31	0.39	0.47	0.54	0.59	0.61	0.60	0.55	0.48	0.40	0.32	0.24	0.18	0.13	6.44	0.00
-35	0.08	0.10	0.14	0.18	0.23	0.28	0.34	0.38	0.41	0.42	0.42	0.39	0.35	0.30	0.24	0.19	0.14	0.11	4.69	0.00
-40	0.06	0.08	0.11	0.14	0.17	0.20	0.24	0.26	0.28	0.29	0.29	0.27	0.25	0.21	0.18	0.15	0.11	0.09	3.38	0.00
-45	0.06	0.08	0.11	0.14	0.17	0.20	0.24	0.26	0.28	0.29	0.29	0.27	0.25	0.21	0.18	0.15	0.11	0.09	3.38	0.00
-45 -40 -35 -30 -25 -20 -15 -10 HORIZONTAL (DEG) 10 15 20 25 30 35 40 45																				
Φ t	2.22	3.33	4.92	7.18	10.4	15.2	22.0	31.1	40.5	42.1	34.9	25.7	18.3	13.1	9.45	6.74	4.66	3.14	295	---
Φ a	0.00	0.00	0.00	0.84	5.91	11.5	18.6	28.0	37.5	39.1	31.9	22.5	14.8	9.21	4.60	0.31	0.00	0.00	---	225

one-half-peak spread: U:10.6,D:10.7 , L:9.7,R:11.6

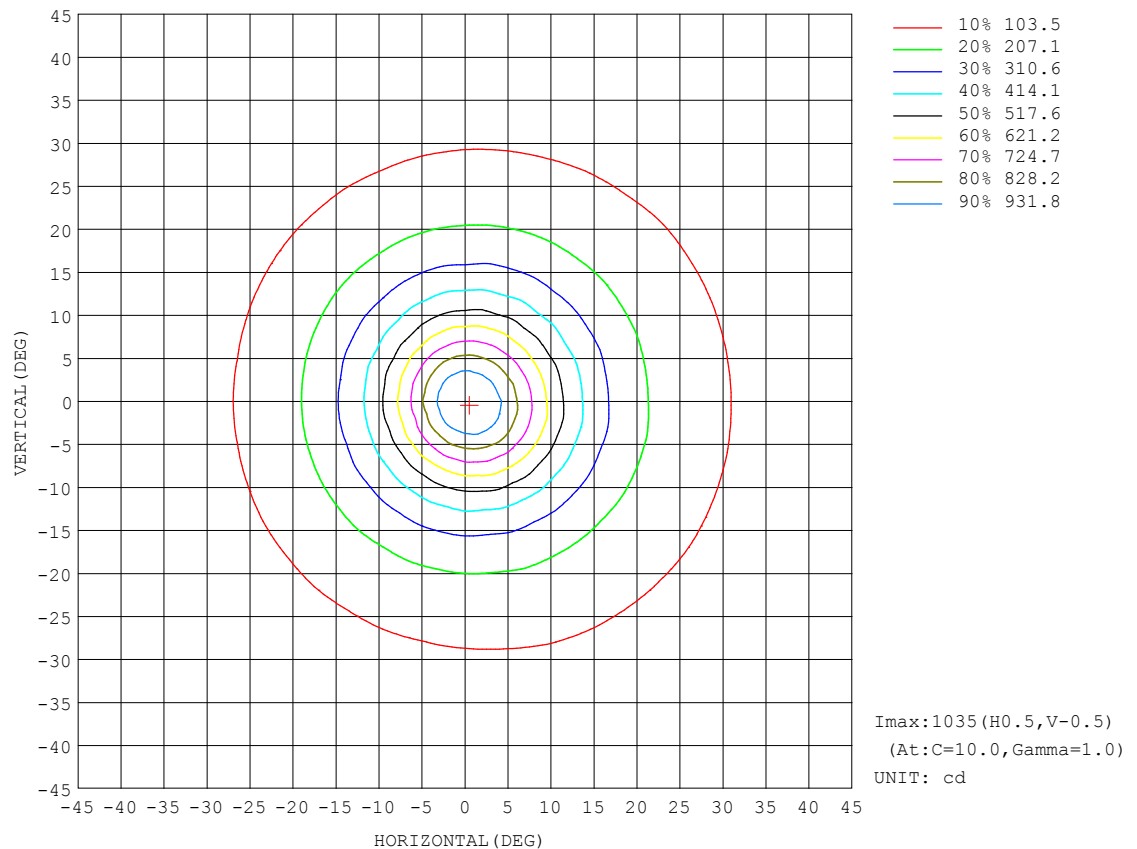
NEMA Beam Type: Type 4

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2025-12-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:12.17V I:0.5300A P:4.126W PF:0.6397 Freq:59.99Hz Lamp Flux:325.348x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Brass Modules Micro	WEIGHT:
SPEC.:4.5W 3000K 15°LENS	DIM.:	SERIAL No.:1
MFR.: Lumien Enterprise,Inc.	SUR.:	Shielding Angle:Non Shroud

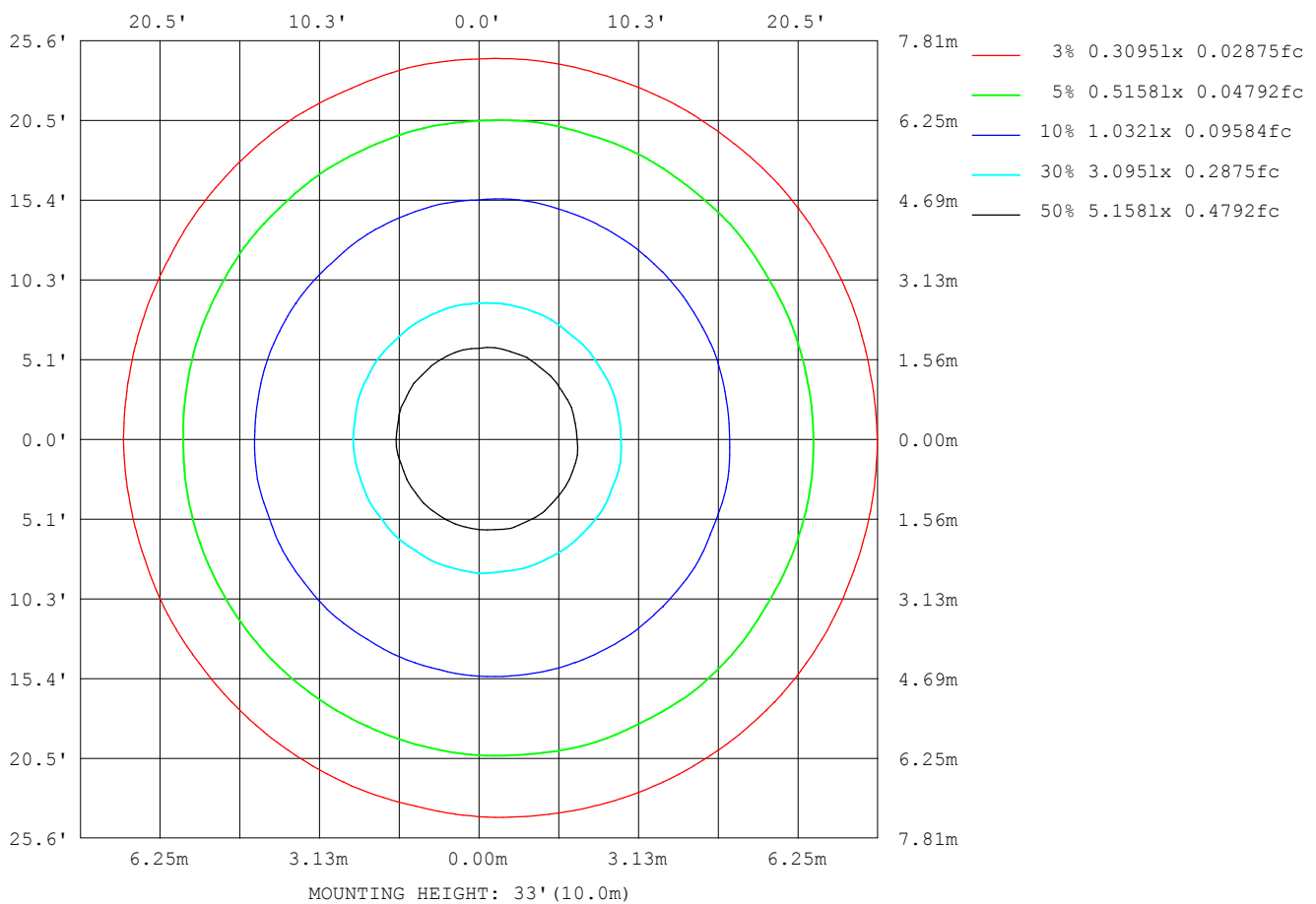


H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2025-12-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

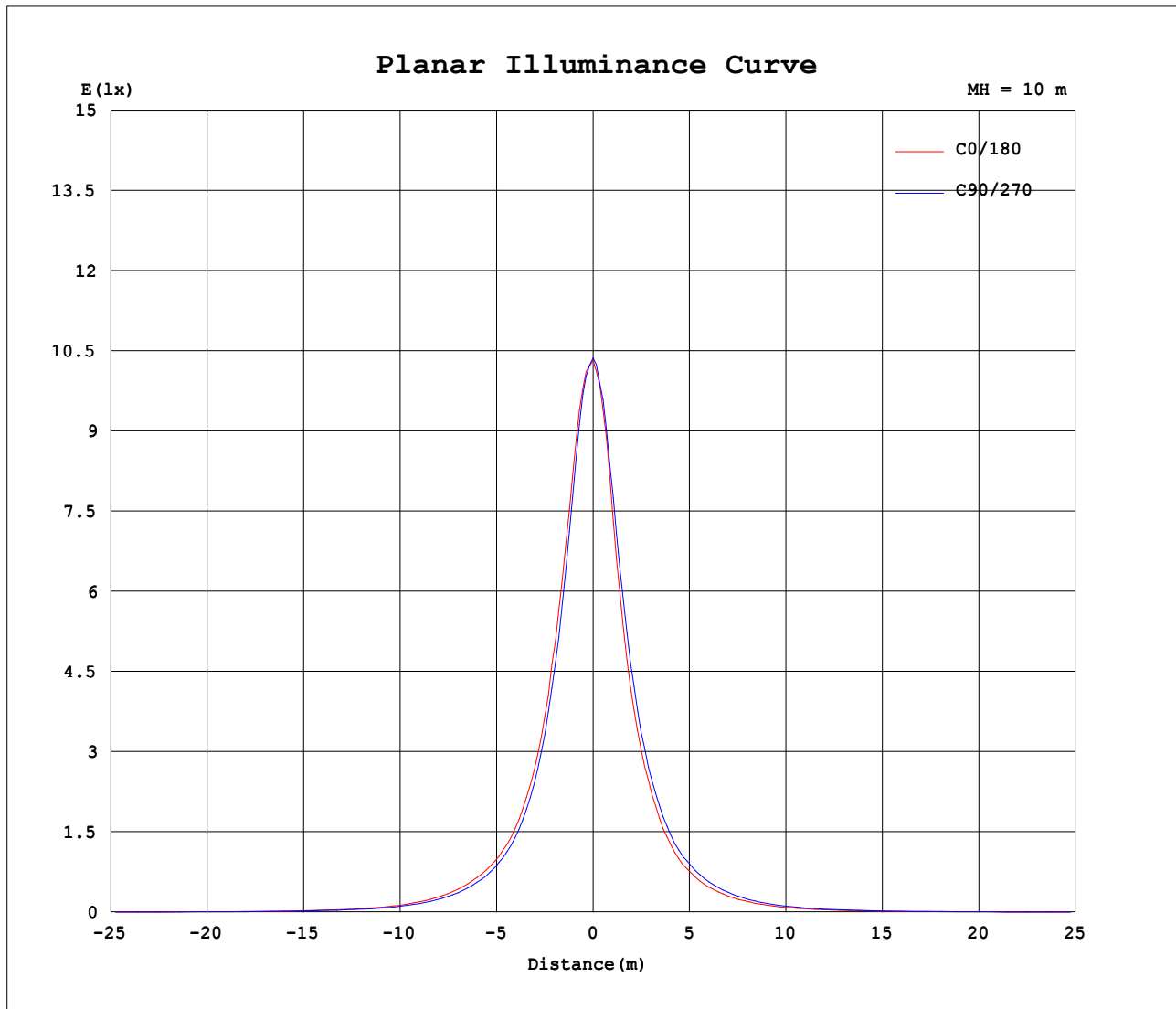
Test:U:12.17V I:0.5300A P:4.126W PF:0.6397 Freq:59.99Hz Lamp Flux:325.348x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Brass Modules Micro	WEIGHT:
SPEC.:4.5W 3000K 15°LENS	DIM.:	SERIAL No.:1
MFR.: Lumien Enterprise,Inc.	SUR.:	Shielding Angle:Non Shroud



H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2025-12-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

Planar Illuminance Curve

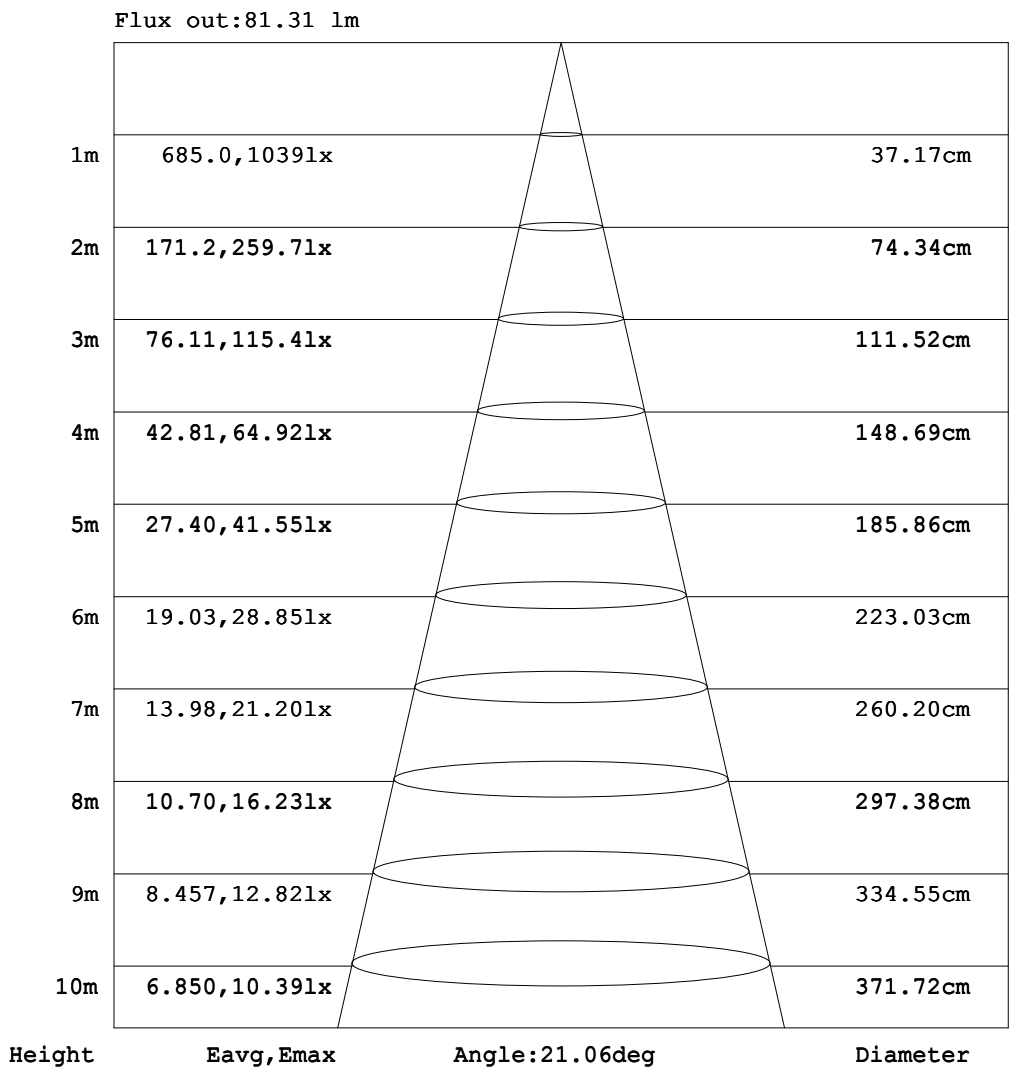


H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2025-12-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

AAI Figure

Test:U:12.17V I:0.5300A P:4.126W PF:0.6397 Freq:59.99Hz Lamp Flux:325.348x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Brass Modules Micro	WEIGHT:
SPEC.:4.5W 3000K 15°LENS	DIM.:	SERIAL No.:1
MFR.: Lumien Enterprise,Inc.	SUR.:	Shielding Angle:Non Shroud



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2025-12-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.17V I:0.5300A P:4.126W PF:0.6397 Freq:59.99Hz Lamp Flux:325.348x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Brass Modules Micro	WEIGHT:
SPEC.:4.5W 3000K 15°LENS	DIM.:	SERIAL No.:1
MFR.: Lumien Enterprise,Inc.	SUR.:	Shielding Angle:Non Shroud

Table--1

UNIT: cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.19	0.38	0.66	1.04	1.59	2.23	2.84	3.27	3.51	3.61	3.65
-170	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.17	0.39	0.71	1.10	1.62	2.23	2.78	3.21	3.52	3.65	3.66	3.65
-160	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.17	0.33	0.52	0.80	1.22	1.70	2.19	2.62	2.96	3.15	3.28	3.30
-150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.20	0.34	0.53	0.74	0.99	1.33	1.64	1.92	2.14	2.23	2.28
-140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.17	0.26	0.36	0.51	0.64	0.77	0.90	0.99	1.04	1.08
-130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.13	0.19	0.23	0.30	0.34	0.33	0.35	0.39
-120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.03	0.04	0.08
-110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	0.00	0.01	0.12	0.26	0.39	0.48	0.58	0.71	0.83	0.93	1.03	1.16	1.27	1.36	1.43	1.51	1.57	1.59	1.59
-70	0.00	0.11	0.36	0.61	0.92	1.18	1.51	1.77	2.10	2.40	2.74	3.04	3.36	3.65	3.89	4.13	4.35	4.49	4.57
-60	0.00	0.21	0.58	1.03	1.53	2.01	2.52	3.10	3.71	4.40	5.08	5.89	6.60	7.41	8.17	8.93	9.50	10.0	10.4
-50	0.00	0.31	0.82	1.46	2.13	2.89	3.71	4.67	5.83	7.19	8.70	10.4	12.1	14.0	16.0	17.7	19.5	20.8	21.6
-40	0.00	0.42	1.05	1.84	2.72	3.75	5.01	6.60	8.60	10.9	13.6	17.0	20.8	25.3	30.4	35.3	40.0	43.4	45.9
-30	0.00	0.49	1.26	2.17	3.26	4.61	6.38	8.71	11.6	15.5	20.1	26.6	34.8	45.0	56.9	69.1	80.5	89.8	94.9
-20	0.00	0.55	1.39	2.43	3.71	5.37	7.59	10.6	14.7	19.9	27.7	39.0	53.9	73.7	97.7	128	160	192	208
-10	0.00	0.58	1.46	2.58	4.02	5.86	8.51	12.0	16.8	24.0	34.6	50.1	72.9	105	154	230	334	458	540
0	0.00	0.59	1.48	2.63	4.14	6.02	8.79	12.6	17.7	25.6	37.7	55.4	80.1	120	187	303	493	824	1032
10	0.00	0.58	1.46	2.60	4.01	5.86	8.52	12.1	17.0	24.1	35.1	50.5	73.2	106	156	236	344	473	546
20	0.00	0.55	1.39	2.46	3.70	5.36	7.62	10.7	14.7	20.3	28.4	39.7	54.9	75.2	100	130	167	199	214
30	0.00	0.49	1.25	2.19	3.28	4.60	6.40	8.74	11.8	15.6	20.7	27.5	36.3	47.0	59.2	71.4	83.2	92.7	97.7
40	0.00	0.41	1.07	1.86	2.74	3.77	5.04	6.66	8.70	11.3	14.9	18.0	22.2	26.8	32.0	37.3	41.7	45.5	46.9
50	0.00	0.31	0.85	1.45	2.11	2.88	3.76	4.76	5.97	7.46	9.22	11.8	14.8	16.2	19.3	20.7	21.0	21.7	22.0
60	0.00	0.21	0.60	1.03	1.49	2.00	2.55	3.16	3.83	4.56	5.30	6.11	6.98	7.90	8.79	9.54	10.2	10.6	10.6
70	0.00	0.11	0.36	0.62	0.88	1.19	1.50	1.83	2.12	2.47	2.85	3.16	3.48	3.76	4.03	4.29	4.47	4.59	4.68
80	0.00	0.02	0.13	0.23	0.33	0.47	0.61	0.72	0.83	0.98	1.13	1.22	1.30	1.40	1.49	1.53	1.57	1.60	1.62
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.13	0.18	0.28	0.37	0.44	0.49	0.54	0.49
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.10	0.18	0.35	0.54	0.70	0.92	1.12	1.27	1.39	1.36
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.23	0.42	0.64	0.95	1.35	1.79	2.15	2.47	2.63	2.62
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.14	0.28	0.59	0.90	1.38	1.98	2.54	2.98	3.26	3.38	3.35
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.19	0.38	0.66	1.04	1.59	2.23	2.84	3.27	3.51	3.61	3.65

H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ADMIN
 Test Date:2025-12-16

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
 Humidity:65.0%
 Test Distance:13.563m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.17V I:0.5300A P:4.126W PF:0.6397 Freq:59.99Hz Lamp Flux:325.348x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Brass Modules Micro	WEIGHT:
SPEC.:4.5W 3000K 15°LENS	DIM.:	SERIAL No.:1
MFR.: Lumien Enterprise,Inc.	SUR.:	Shielding Angle:Non Shroud

Table--2

UNIT: cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	3.65	3.62	3.47	3.17	2.73	2.08	1.43	0.92	0.50	0.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-170	3.65	3.55	3.35	3.00	2.49	1.90	1.31	0.82	0.49	0.26	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
-160	3.21	3.05	2.81	2.40	1.92	1.43	0.97	0.62	0.33	0.17	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-150	2.18	2.04	1.77	1.48	1.13	0.80	0.58	0.38	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-140	1.03	0.93	0.81	0.64	0.52	0.40	0.26	0.14	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-130	0.34	0.32	0.30	0.22	0.15	0.13	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-120	0.04	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-80	1.63	1.66	1.62	1.57	1.50	1.42	1.30	1.18	1.06	0.93	0.79	0.61	0.50	0.37	0.23	0.09	0.02	0.00	
-70	4.64	4.65	4.55	4.37	4.18	3.93	3.61	3.25	2.88	2.51	2.11	1.73	1.36	1.01	0.66	0.35	0.11	0.00	
-60	10.6	10.6	10.2	9.65	9.03	8.23	7.38	6.42	5.52	4.65	3.86	3.08	2.41	1.75	1.17	0.63	0.23	0.00	
-50	22.0	21.9	21.5	19.7	17.9	16.2	14.0	11.6	9.45	7.65	6.05	4.72	3.56	2.57	1.68	0.94	0.35	0.00	
-40	46.1	44.7	42.3	38.3	33.1	28.1	23.3	18.8	15.0	11.6	8.88	6.64	4.82	3.38	2.19	1.23	0.46	0.00	
-30	94.5	91.7	82.2	71.8	59.7	47.7	37.1	28.5	21.5	16.2	12.0	8.66	6.08	4.14	2.64	1.47	0.55	0.00	
-20	203	180	152	123	96.8	74.2	55.3	39.8	28.8	20.7	14.8	10.5	7.21	4.79	3.01	1.66	0.63	0.00	
-10	507	391	276	192	136	99.8	71.5	50.4	35.3	24.3	17.0	11.9	7.96	5.23	3.25	1.78	0.67	0.00	
0	894	593	364	232	156	110	78.2	54.3	37.1	25.6	17.6	12.3	8.20	5.39	3.32	1.83	0.69	0.00	
10	505	389	274	190	136	98.7	70.5	49.9	34.5	24.2	16.9	11.8	7.96	5.24	3.25	1.78	0.67	0.00	
20	209	184	153	122	95.9	73.2	54.5	39.7	28.6	20.6	14.7	10.5	7.17	4.81	3.02	1.66	0.63	0.00	
30	97.0	90.8	82.3	70.2	58.4	46.9	36.6	27.9	21.3	16.1	11.9	8.64	6.06	4.12	2.66	1.47	0.56	0.00	
40	47.1	44.9	41.5	36.8	32.0	27.0	22.5	18.3	14.6	11.5	8.86	6.59	4.83	3.38	2.19	1.23	0.47	0.00	
50	22.0	21.5	20.3	18.8	17.0	15.0	13.1	11.3	9.35	7.56	6.02	4.71	3.54	2.55	1.67	0.95	0.36	0.00	
60	10.6	10.4	9.94	9.48	8.71	7.93	7.12	6.30	5.46	4.61	3.85	3.08	2.40	1.72	1.15	0.67	0.25	0.00	
70	4.65	4.58	4.48	4.30	4.06	3.77	3.48	3.17	2.85	2.49	2.09	1.72	1.33	0.98	0.66	0.38	0.13	0.00	
80	1.59	1.55	1.53	1.48	1.40	1.31	1.24	1.14	1.04	0.90	0.76	0.63	0.49	0.35	0.24	0.12	0.03	0.00	
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
130	0.10	0.07	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
140	0.49	0.45	0.33	0.28	0.17	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
150	1.34	1.14	0.98	0.75	0.56	0.38	0.21	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
160	2.54	2.32	1.94	1.53	1.09	0.71	0.46	0.25	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
170	3.32	3.10	2.75	2.25	1.66	1.10	0.67	0.34	0.14	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
180	3.65	3.62	3.47	3.17	2.73	2.08	1.43	0.92	0.50	0.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2025-12-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks: