

# Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		1069.8 cd per klm.
(Luminaire orientat	ion as tested.)	0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	100.2V x 100.5H
	At 50% of Imax	53.0V x 54.2H
	At 90% of Imax	17.9V x 19.6H
Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	936.5 lumens per klm.
	To 50% of Imax	508.0 lumens per klm.
	To 90% of Imax	78.5 lumens per klm.
	Upward LOR	0.6 %
	Downward LOR	99.4 %
Luminaire Efficienc	y(Light Output Ratio)	100.0 %

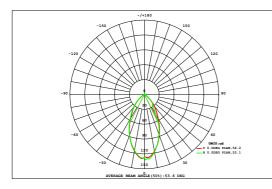
Humidity:65.0%

Test Distance:13.563m [K=1.0000]



# LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:12.16V I:0.9267A P:7.910W PF:0.7017 Freq	:59.98Hz Lamp Flux:123.202x1	l 1m
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:8W 3000K Min beam angle	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA	OF LAN	MР	Eff:15.58lm/W							
MODEL	A6B1-8	8W-30K-A	Imax (cd)	131.8						
NOMINAL PO	WER (W)	8	AVAILABILITY(%)	93.7						
RATED VOLT	AGE (V)	12	Avai. FLUX(lm)	115.5						
NOMINAL FL	UX (lm)	123.202	LOR (%)	100.0						
LAMPS INSI	DE	1	TOTAL FLUX(1m)	123.2						
TEST VOLTA	.GE (V)	12	θ @50%(H,V)	54,53DEG						

00 0.00 00 0.00 00 0.00 00 0.00 00 0.01	0.00 0. 0.00 0. 0.00 0. 0.01 0. 0.02 0. 0.03 0.	00 0.00 00 0.01 02 0.04 05 0.17	0.00 0.02 0.09	0.00 0.00 0.03 0.14	0.00	0.00 0.00 0.03	0.00 0.00 0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
00 0.00 00 0.00 00 0.00 00 0.00 00 0.01	0.00 0. 0.00 0. 0.01 0. 0.02 0. 0.03 0.	00 0.00 00 0.01 02 0.04 05 0.17	0.00 0.02 0.09	0.00 0.03 0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
00 0.00 00 0.00 00 0.00 00 0.01	0.00 0. 0.01 0. 0.02 0. 0.03 0.	00 0.01 02 0.04 05 0.17	0.02	0.03	0.03	0.03	0.03	0.02								
00 0.00 00 0.00 00 0.01	0.01 0. 0.02 0. 0.03 0.	02 0.04 05 0.17	0.09	0.14					0.01	0.00	0.00	0.00	0.00	0.00	0.20	0.00
00 0.00	0.02 0.	05 0.17			0.18	0.18	0 1 4									$\overline{}$
00 0.01	0.03 0.		0.35	0 51			0.14	0.09	0.04	0.02	0.01	0.00	0.00	0.00	0.96	0.00
		15 0.41		0.51	0.60	0.60	0.51	0.34	0.16	0.05	0.02	0.00	0.00	0.00	3.39	2.40
00 0.01			0.71	0.90	0.99	0.99	0.90	0.70	0.41	0.14	0.03	0.01	0.00	0.00	6.38	5.89
	0.06 0.	29 0.67	1.06	1.60	2.00	2.00	1.60	1.06	0.66	0.28	0.06	0.01	0.00	0.00	11.4	11.0
00 0.01	0.09 0.	41 0.88	1.57	2.42	3.00	3.01	2.43	1.57	0.87	0.40	0.09	0.01	0.00	0.00	16.8	16.5
0 0.02	0.12 0.	48 1.04	1.91	2.92	3.68	3.68	2.93	1.91	1.04	0.47	0.11	0.02	0.00	0.00	20.3	20.1
00 0.02	0.12 0.	49 1.07	1.93	2.92	3.64	3.64	2.93	1.93	1.06	0.48	0.11	0.02	0.00	0.00	20.3	20.1
00 0.01	0.10 0.	42 0.94	1.65	2.46	3.00	3.00	2.46	1.65	0.94	0.41	0.09	0.01	0.00	0.00	17.2	16.9
00 0.01	0.06 0.	30 0.72	1.24	1.77	2.15	2.15	1.77	1.23	0.72	0.29	0.06	0.01	0.00	0.00	12.5	12.1
00 0.01	0.03 0.	16 0.45	0.81	1.14	1.35	1.35	1.14	0.80	0.44	0.15	0.03	0.01	0.00	0.00	7.87	7.40
00.00	0.02 0.	06 0.18	0.39	0.59	0.72	0.72	0.59	0.39	0.18	0.06	0.02	0.00	0.00	0.00	3.91	3.12
00.00	0.01 0.	02 0.05	0.10	0.16	0.21	0.21	0.16	0.10	0.05	0.02	0.01	0.00	0.00	0.00	1.10	0.05
00.00	0.00 0.	00 0.01	0.02	0.03	0.04	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.22	0.00
00.00	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	0.02	0.00
00.00	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
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00 0.10	0.66 2					<u> </u>			-			_			_	
																115
	0 0.02 0 0.02 0 0.01 0 0.01 0 0.01 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00	0 0.02 0.12 0. 0 0.02 0.12 0. 0 0.01 0.10 0. 0 0.01 0.06 0. 0 0.01 0.03 0. 0 0.00 0.02 0. 0 0.00 0.01 0. 0 0.00 0.00 0. 0 0.00 0.0	0 0.02 0.12 0.48 1.04 0 0.02 0.12 0.49 1.07 0 0.01 0.10 0.42 0.94 0 0.01 0.06 0.30 0.72 0 0.01 0.03 0.16 0.45 0 0.00 0.02 0.06 0.18 0 0.00 0.01 0.02 0.05 0 0.00 0.00 0.00 0.01 0 0.00 0.00 0.00	0 0.02 0.12 0.48 1.04 1.91 0 0.02 0.12 0.49 1.07 1.93 0 0.01 0.10 0.42 0.94 1.65 0 0.01 0.06 0.30 0.72 1.24 0 0.01 0.03 0.16 0.45 0.81 0 0.00 0.02 0.06 0.18 0.39 0 0.00 0.01 0.02 0.05 0.10 0 0.00 0.00 0.00 0.01 0.02 0 0.00 0.00 0.00 0.00 0.00 0 0.00 0.0	0 0.02 0.12 0.48 1.04 1.91 2.92 0 0.02 0.12 0.49 1.07 1.93 2.92 0 0.01 0.10 0.42 0.94 1.65 2.46 0 0.01 0.06 0.30 0.72 1.24 1.77 0 0.01 0.03 0.16 0.45 0.81 1.14 0 0.00 0.02 0.06 0.18 0.39 0.59 0 0.00 0.01 0.02 0.05 0.10 0.16 0 0.00 0.00 0.00 0.00 0.00 0.	0 0.02 0.12 0.48 1.04 1.91 2.92 3.68 0 0.02 0.12 0.49 1.07 1.93 2.92 3.64 0 0.01 0.10 0.42 0.94 1.65 2.46 3.00 0 0.01 0.06 0.30 0.72 1.24 1.77 2.15 0 0.01 0.03 0.16 0.45 0.81 1.14 1.35 0 0.00 0.02 0.06 0.18 0.39 0.59 0.72 0 0.00 0.01 0.02 0.05 0.10 0.16 0.21 0 0.00 0.00 0.00 0.00 0.00 0.00 0.	0 0.02 0.12 0.48 1.04 1.91 2.92 3.68 3.68 0 0.02 0.12 0.49 1.07 1.93 2.92 3.64 3.64 0 0.01 0.10 0.42 0.94 1.65 2.46 3.00 3.00 0 0.01 0.06 0.30 0.72 1.24 1.77 2.15 2.15 0 0.01 0.03 0.16 0.45 0.81 1.14 1.35 1.35 0 0.00 0.02 0.06 0.18 0.39 0.59 0.72 0.72 0 0.00 0.01 0.02 0.05 0.10 0.16 0.21 0.21 0 0.00 0.00 0.00 0.00 0.01 0.02 0.03 0.04 0.04 0 0.00 0.00 0.00 0.00 0.	0 0.02 0.12 0.48 1.04 1.91 2.92 3.68 3.68 2.93 0 0.02 0.12 0.49 1.07 1.93 2.92 3.64 3.64 2.93 0 0.01 0.10 0.42 0.94 1.65 2.46 3.00 3.00 2.46 0 0.01 0.06 0.30 0.72 1.24 1.77 2.15 2.15 1.77 0 0.01 0.03 0.16 0.45 0.81 1.14 1.35 1.35 1.14 0 0.00 0.02 0.06 0.18 0.39 0.59 0.72 0.72 0.59 0 0.00 0.01 0.02 0.05 0.10 0.16 0.21 0.21 0.16 0 0.00 0.00 0.00 0.00 0.01 0.02 0.05 0.10 0.16 0.21 0.21 0.16 0 0.00 0.00 0.00 0.00 0.00 0.00 0	0 0.02 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0.48 0 0.01 0.10 0.42 0.94 1.65 2.46 3.00 3.00 2.46 1.65 0.94 0.41 0 0.01 0.06 0.30 0.72 1.24 1.77 2.15 2.15 1.77 1.23 0.72 0.29 0 0.01 0.03 0.16 0.45 0.81 1.14 1.35 1.35 1.14 0.80 0.44 0.15 0 0.00 0.02 0.06 0.18 0.39 0.59 0.72 0.72 0.59 0.39 0.18 0.06 0 0.00 0.01 0.02 0.05 0.10 0.16 0.21 0.21 0.16 0.10 0.05 0.02 0 0.00 0.00 0.00 0.00 0.00 0	0 0.02 0.12 0.48 1.04 1.91 2.92 3.68 3.68 2.93 1.91 1.04 0.47 0.11 0 0.02 0.12 0.49 1.07 1.93 2.92 3.64 3.64 2.93 1.93 1.06 0.48 0.11 0 0.01 0.10 0.42 0.94 1.65 2.46 3.00 3.00 2.46 1.65 0.94 0.41 0.09 0 0.01 0.06 0.30 0.72 1.24 1.77 2.15 2.15 1.77 1.23 0.72 0.29 0.06 0 0.01 0.03 0.16 0.45 0.81 1.14 1.35 1.35 1.14 0.80 0.44 0.15 0.03 0 0.00 0.02 0.06 0.18 0.39 0.59 0.72 0.72 0.59 0.39 0.18 0.06 0.02 0 0.00 0.01 0.02 0.05 0.10 0.16 0.21 0.21 0.16 0.10 0.05 0.02 0.01 0 0.00 0.00 0.00 0.00 0.00 0.	0 0.02 0.12 0.48 1.04 1.91 2.92 3.68 3.68 2.93 1.91 1.04 0.47 0.11 0.02 0.02 0.12 0.49 1.07 1.93 2.92 3.64 3.64 2.93 1.93 1.06 0.48 0.11 0.02 0.01 0.10 0.42 0.94 1.65 2.46 3.00 3.00 2.46 1.65 0.94 0.41 0.09 0.01 0.01 0.06 0.30 0.72 1.24 1.77 2.15 2.15 1.77 1.23 0.72 0.29 0.06 0.01 0.01 0.03 0.16 0.45 0.81 1.14 1.35 1.35 1.14 0.80 0.44 0.15 0.03 0.01 0.00 0.00 0.02 0.06 0.18 0.39 0.59 0.72 0.72 0.59 0.39 0.18 0.06 0.02 0.00 0.00 0.00 0.01 0.02 0.05 0.10 0.16 0.21 0.21 0.16 0.10 0.05 0.02 0.01 0.00 0.00 0.00 0.00 0.00 0.00	0 0.02 0.12 0.48 1.04 1.91 2.92 3.68 3.68 2.93 1.91 1.04 0.47 0.11 0.02 0.00 0.02 0.12 0.49 1.07 1.93 2.92 3.64 3.64 2.93 1.93 1.06 0.48 0.11 0.02 0.00 0.01 0.10 0.42 0.94 1.65 2.46 3.00 3.00 2.46 1.65 0.94 0.41 0.09 0.01 0.00 0.01 0.06 0.30 0.72 1.24 1.77 2.15 2.15 1.77 1.23 0.72 0.29 0.06 0.01 0.00 0.01 0.03 0.16 0.45 0.81 1.14 1.35 1.35 1.14 0.80 0.44 0.15 0.03 0.01 0.00 0.00 0.00 0.02 0.06 0.18 0.39 0.59 0.72 0.72 0.59 0.39 0.18 0.06 0.02 0.00 0.00 0.00 0.00 0.00 0.01 0.02 0.05 0.10 0.16 0.21 0.21 0.16 0.10 0.05 0.02 0.01 0.00 0.00 0.00 0.00 0.00 0.00	0 0.02 0.12 0.48 1.04 1.91 2.92 3.68 3.68 2.93 1.91 1.04 0.47 0.11 0.02 0.00 0.00 0.00 0.02 0.12 0.49 1.07 1.93 2.92 3.64 3.64 2.93 1.93 1.06 0.48 0.11 0.02 0.00 0.00 0.00 0.01 0.10 0.42 0.94 1.65 2.46 3.00 3.00 2.46 1.65 0.94 0.41 0.09 0.01 0.00 0.00 0.00 0.01 0.06 0.30 0.72 1.24 1.77 2.15 2.15 1.77 1.23 0.72 0.29 0.06 0.01 0.00 0.00 0.00 0.01 0.03 0.16 0.45 0.81 1.14 1.35 1.35 1.14 0.80 0.44 0.15 0.03 0.01 0.00 0.00 0.00 0.00 0.00 0.00	

one-half-peak spread: U:28.5,D:22.0 , L:25.3,R:24.3 NEMA Beam Type: Type 6

H( $\beta$ ) Range:-90 - 90DEG H( $\beta$ ) Interval: 0.5DEG Test Speed: HIGH

Temperature:25.3DEG Operators: ADMIN Test Date:2022-10-16 V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.352

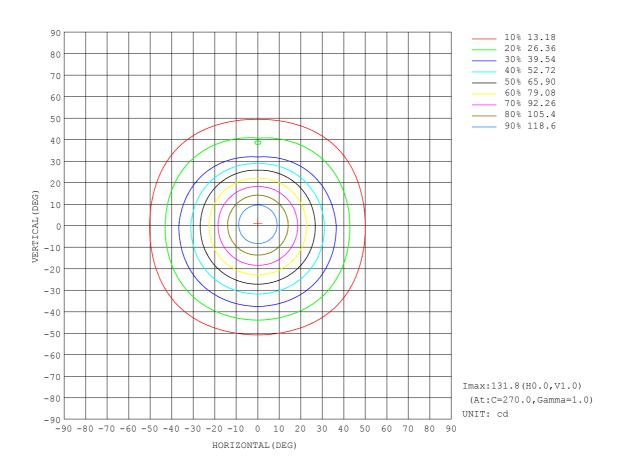
Humidity:65.0%

Test Distance:13.563m [K=1.0000]



## ISOCANDELA DIAGRAM

Test:U:12.16V I:0.9267A P:7.910W PF:0.7017 Freq	:59.98Hz Lamp Flux:123.202x1	. lm
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:8W 3000K Min beam angle	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



H( $\beta$ ) Range:-90 - 90DEG H( $\beta$ ) Interval: 0.5DEG Test Speed: HIGH

Temperature: 25.3DEG Operators: ADMIN Test Date: 2022-10-16 V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.352

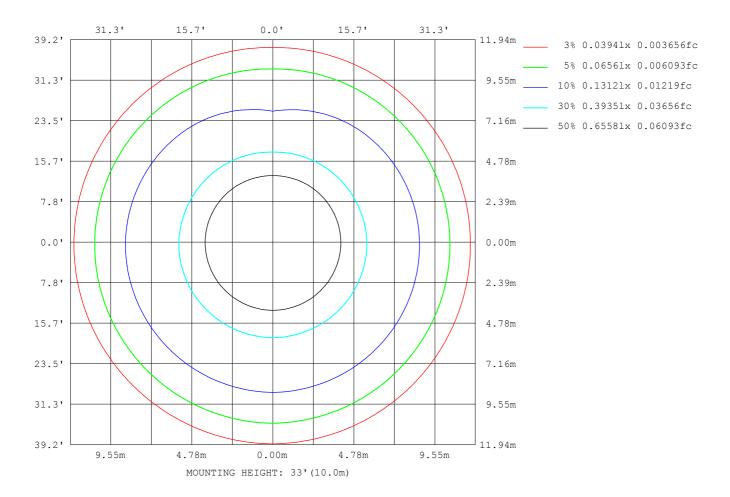
Humidity:65.0%

Test Distance:13.563m [K=1.0000]



## ISOLUX DIAGRAM

Test:U:12.16V I:0.9267A P:7.910W PF:0.7017 Freq	:59.98Hz Lamp Flux:123.202x1	lm
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:8W 3000K Min beam angle	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



Operators:ADMIN
Test Date:2022-10-16

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

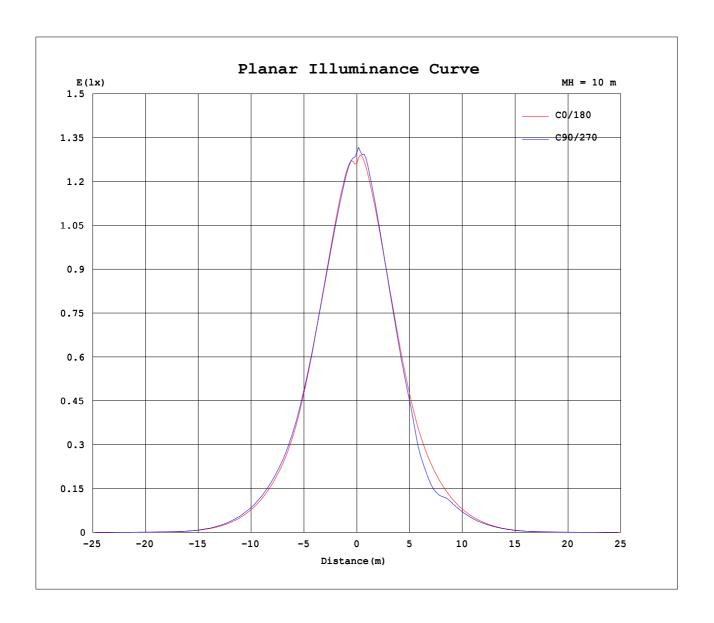
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.352

Humidity:65.0%

Test Distance:13.563m [K=1.0000]



## Planar Illuminance Curve



Temperature: 25.3DEG Operators:ADMIN Test Date:2022-10-16 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.352

Humidity:65.0%

Test Distance:13.563m [K=1.0000]

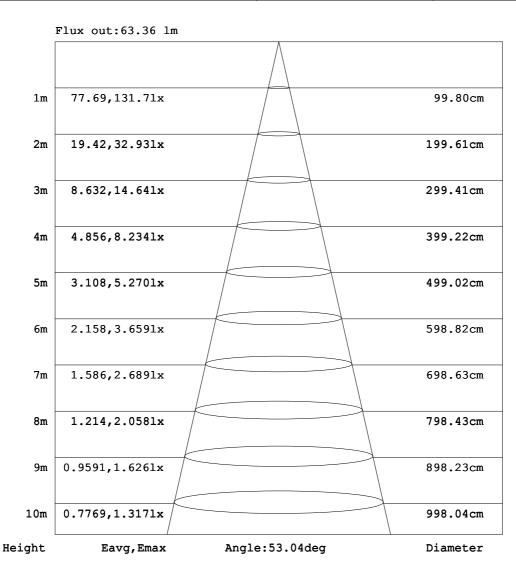
H( $\beta$ ) Range:-90 - 90DEG H( $\beta$ ) Interval: 0.5DEG Test Speed: HIGH

V(B) Interval: 0.5DEG



# AAI Figure

Test:U:12.16V I:0.9267A P:7.910W PF:0.7017 Freq	:59.98Hz Lamp Flux:123.202x1	l 1m
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:8W 3000K Min beam angle	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



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

Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-10-16

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]

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG

V(B) Range:-180 - 180DEG



# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.16V I:0.9267A P:7.910W PF:0.7017 Freq	:59.98Hz Lamp Flux:123.202x1	. lm
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:8W 3000K Min beam angle	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table1																UNI	T: 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	0.00	0.00	0.00	0.10	0.21	0.31	0.42	0.53	0.61	0.70	0.77	0.78
-170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.20	0.31	0.42	0.52	0.61	0.69	0.74	0.78
-160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.15	0.25	0.35	0.43	0.52	0.59	0.64	0.67
-150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.14	0.22	0.30	0.36	0.42	0.46	0.48
-140	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	0.06	0.11	0.15	0.20	0.22	0.24
-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	0.01	0.02
-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
-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	0.00	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
-70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.11	0.18	0.28	0.32	0.37	0.42	0.44	0.45
-60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.30	0.52	0.78	1.05	1.32	1.57	1.79	1.99	2.17	2.28	2.32
-50	0.00	0.00	0.00	0.00	0.00	0.05	0.29	0.64	1.08	1.56	2.12	3.24	5.11	7.38	9.65	11.7	13.3	14.3	14.7
-40	0.00	0.00	0.00	0.00	0.01	0.30	0.77	1.37	2.10	4.02	7.66	12.2	17.0	21.6	25.8	29.3	32.1	33.8	34.5
-30	0.00	0.00	0.00	0.00	0.15	0.61	1.29	2.17	5.00	10.3	16.8	23.6	30.5	37.1	43.3	48.8	53.4	56.6	57.9
-20	0.00	0.00	0.00	0.00	0.28	0.90	1.73	3.82	9.26	16.7	25.1	33.8	42.7	52.2	62.8	72.8	80.8	86.0	87.8
-10	0.00	0.00	0.00	0.00	0.39	1.09	2.07	5.57	12.5	21.2	30.7	40.8	52.1	66.0	80.5	93.8	105	112	115
0	0.00	0.00	0.00	0.00	0.44	1.16	2.21	6.23	13.6	22.6	32.5	43.2	55.8	71.4	87.5	103	116	126	126
10	0.00	0.00	0.00	0.00	0.39	1.08	2.05	5.50	12.3	20.7	29.9	38.5	49.7	64.8	79.6	93.5	105	114	118
20	0.00	0.00	0.00	0.00	0.28	0.89	1.70	3.73	8.98	16.1	23.9	31.2	37.6	47.0	59.5	70.4	78.7	84.2	86.0
30	0.00	0.00	0.00	0.00	0.15	0.59	1.26	2.11	4.80	9.75	15.7	21.9	27.8	30.9	34.3	39.2	43.2	46.0	46.5
40	0.00	0.00	0.00	0.00	0.01	0.29	0.74	1.32	2.01	3.80	7.13	11.2	15.4	19.3	22.7	25.2	26.9	26.9	26.6
50	0.00	0.00	0.00	0.00	0.00	0.04	0.28	0.61	1.02	1.47	1.98	2.99	4.64	6.60	8.50	10.2	11.4	12.1	12.2
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.28	0.49	0.73	0.97	1.21	1.42	1.61	1.77	1.91	1.99	2.01
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.16	0.23	0.28	0.33	0.37	0.39	0.39
80	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
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	0.00	0.00	0.00	0.00	0.01	0.03	0.06	0.10	0.11
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.13	0.17	0.24	0.28	0.30	0.31
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.11	0.18	0.28	0.34	0.43	0.45	0.49	0.50
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.17	0.28	0.37	0.47	0.56	0.62	0.66	0.71
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.21	0.31	0.42	0.53	0.61	0.70	0.77	0.78

H(β) Range:-90 - 90DEG H(β) Interval: 0.5DEG Test Speed: HIGH Temperature:25.3DEG

Operators:ADMIN
Test Date:2022-10-16

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]



# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.16V I:0.9267A P:7.910W PF:0.7017 Freq	:59.98Hz Lamp Flux:123.202x1	. lm
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:8W 3000K Min beam angle	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table2																UNI	T: cd		
H (DEG)																			
V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	0.77	0.75	0.74	0.63	0.60	0.45	0.33	0.27	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-170	0.76	0.74	0.69	0.61	0.51	0.45	0.32	0.19	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-160	0.66	0.63	0.60	0.49	0.45	0.33	0.26	0.14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-150	0.47	0.45	0.41	0.35	0.29	0.19	0.14	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-140	0.24	0.21	0.18	0.14	0.11	0.04	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	0.01	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	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	
-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	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	
-70	0.44	0.42	0.38	0.34	0.29	0.19	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-60	2.27	2.16	1.98	1.78	1.56	1.31	1.04	0.79	0.53	0.33	0.15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
-50	14.3	13.2	11.6	9.51	7.23	4.97	3.16	2.08	1.55	1.07	0.65	0.33	0.09	0.00	0.00	0.00	0.00	0.00	
-40	33.8	32.0	29.2	25.7	21.4	16.7	11.9	7.39	3.87	2.05	1.34	0.77	0.34	0.05	0.00	0.00	0.00	0.00	
-30	56.6	53.3	48.7	43.1	36.9	30.3	23.3	16.4	9.92	4.75	2.10	1.26	0.62	0.19	0.00	0.00	0.00	0.00	
-20	86.1	80.9	72.9	62.8	52.1	42.5	33.5	24.7	16.3	8.86	3.63	1.69	0.90	0.33	0.00	0.00	0.00	0.00	
-10	112	105	94.1	80.7	66.1	52.0	40.5	30.3	20.7	12.1	5.23	2.00	1.08	0.42	0.04	0.00	0.00	0.00	
0	126	116	103	87.9	71.6	55.7	42.9	32.1	22.1	13.1	5.83	2.11	1.14	0.45	0.05	0.00	0.00	0.00	
10	114	106	93.8	79.9	64.9	49.5	38.2	29.5	20.3	11.9	5.15	1.98	1.07	0.42	0.04	0.00	0.00	0.00	
20	84.2	78.8	70.5	59.6	46.8	37.4	30.9	23.5	15.7	8.58	3.54	1.66	0.88	0.33	0.00	0.00	0.00	0.00	
30	46.0	43.2	39.1	34.1	30.7	27.6	21.6	15.4	9.40	4.55	2.03	1.23	0.61	0.19	0.00	0.00	0.00	0.00	
40	26.9	26.8	25.1	22.5	19.1	15.1	10.9	6.86	3.65	1.96	1.29	0.75	0.34	0.05	0.00	0.00	0.00	0.00	
50	12.0	11.3	10.0	8.36	6.45	4.50	2.90	1.94	1.45	1.01	0.62	0.32	0.08	0.00	0.00	0.00	0.00	0.00	
60	1.99	1.90	1.76	1.60	1.41	1.20	0.96	0.73	0.50	0.31	0.14	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
70	0.39	0.37	0.34	0.30	0.24	0.17	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
80	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	
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	0.00	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	0.11	0.08	0.05	0.04	0.05	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	
150	0.32	0.32	0.29	0.22	0.20	0.12	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
160	0.51	0.49	0.50	0.40	0.38	0.26	0.23	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
170	0.68	0.67	0.64	0.56	0.47	0.41	0.29	0.17	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
180	0.77	0.75	0.74	0.63	0.60	0.45	0.33	0.27	0.14	0.00	0.00	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:2022-10-16

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]