

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		1042.9 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of I <sub>max</sub>	101.4V x 101.2H
	At 50% of I <sub>max</sub>	52.8V x 54.3H
	At 90% of I <sub>max</sub>	17.2V x 18.7H
Beam Flux	Total	1000.1 lumens per klm.
	To 10% of I <sub>max</sub>	937.8 lumens per klm.
	To 50% of I <sub>max</sub>	496.1 lumens per klm.
	To 90% of I <sub>max</sub>	72.5 lumens per klm.
	Upward LOR	0.2 %
	Downward LOR	99.8 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

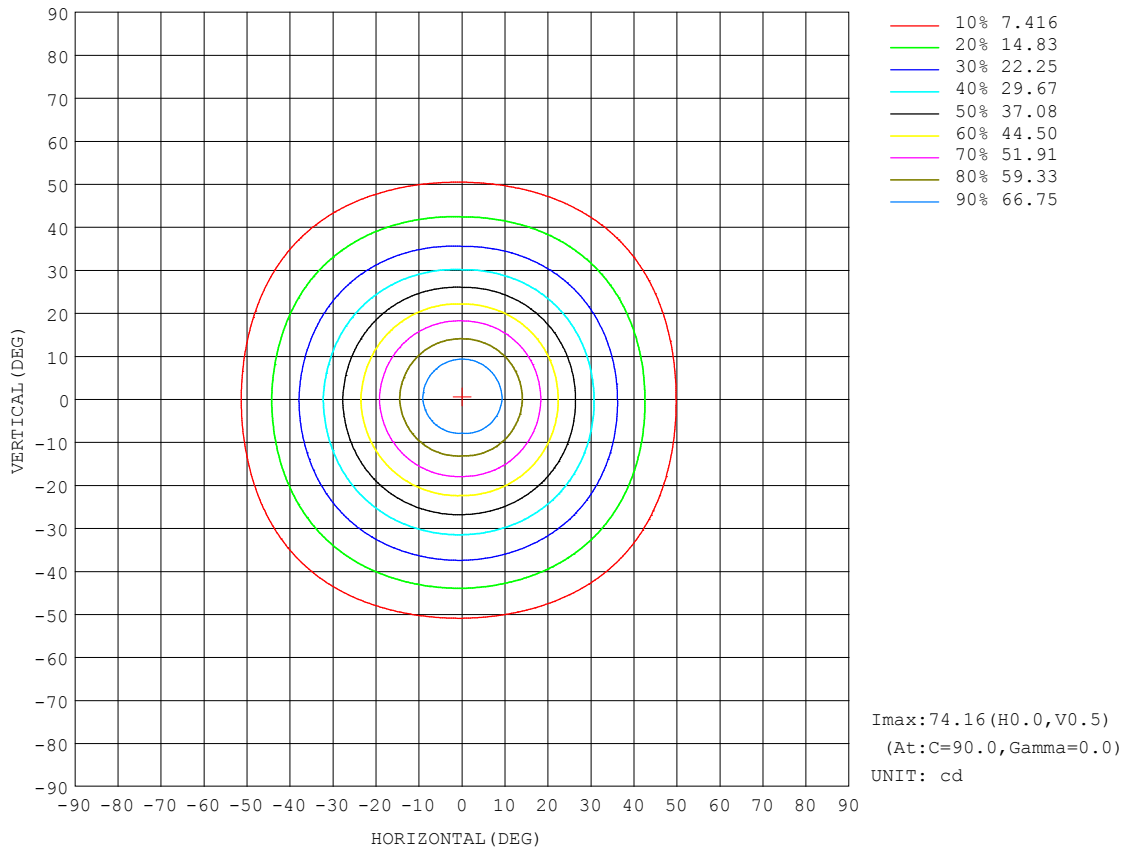
H(β) Range:-90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2022-10-14

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:12.01V I:0.4743A P:3.786W PF:0.6645 Freq:59.98Hz Lamp Flux:71.1107x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:4W 3000K Min beam angle	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:LAB-041

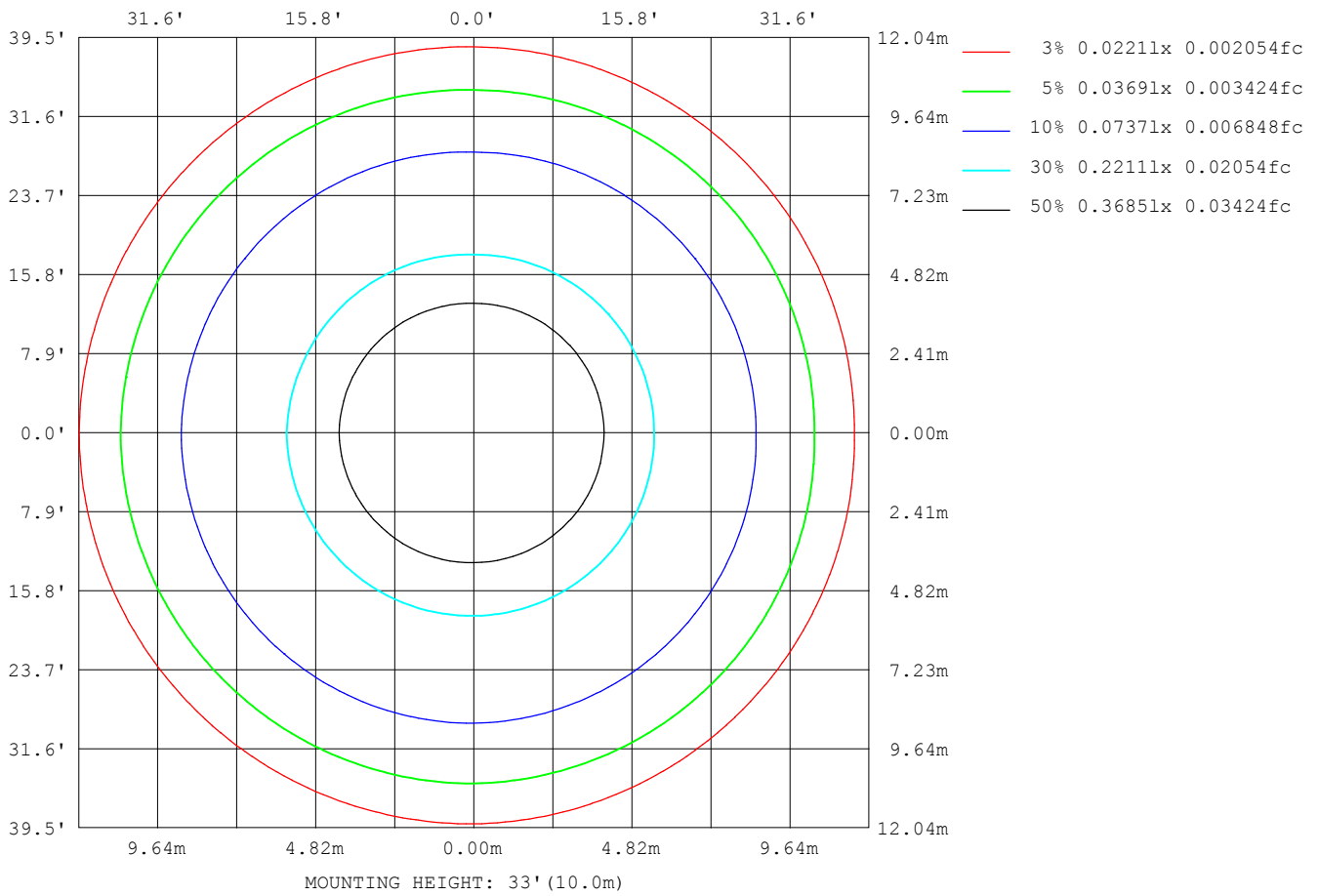


H(β) Range:-90 - 90DEG  
 H(β) Interval: 0.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ADMIN  
 Test Date:2022-10-14

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**

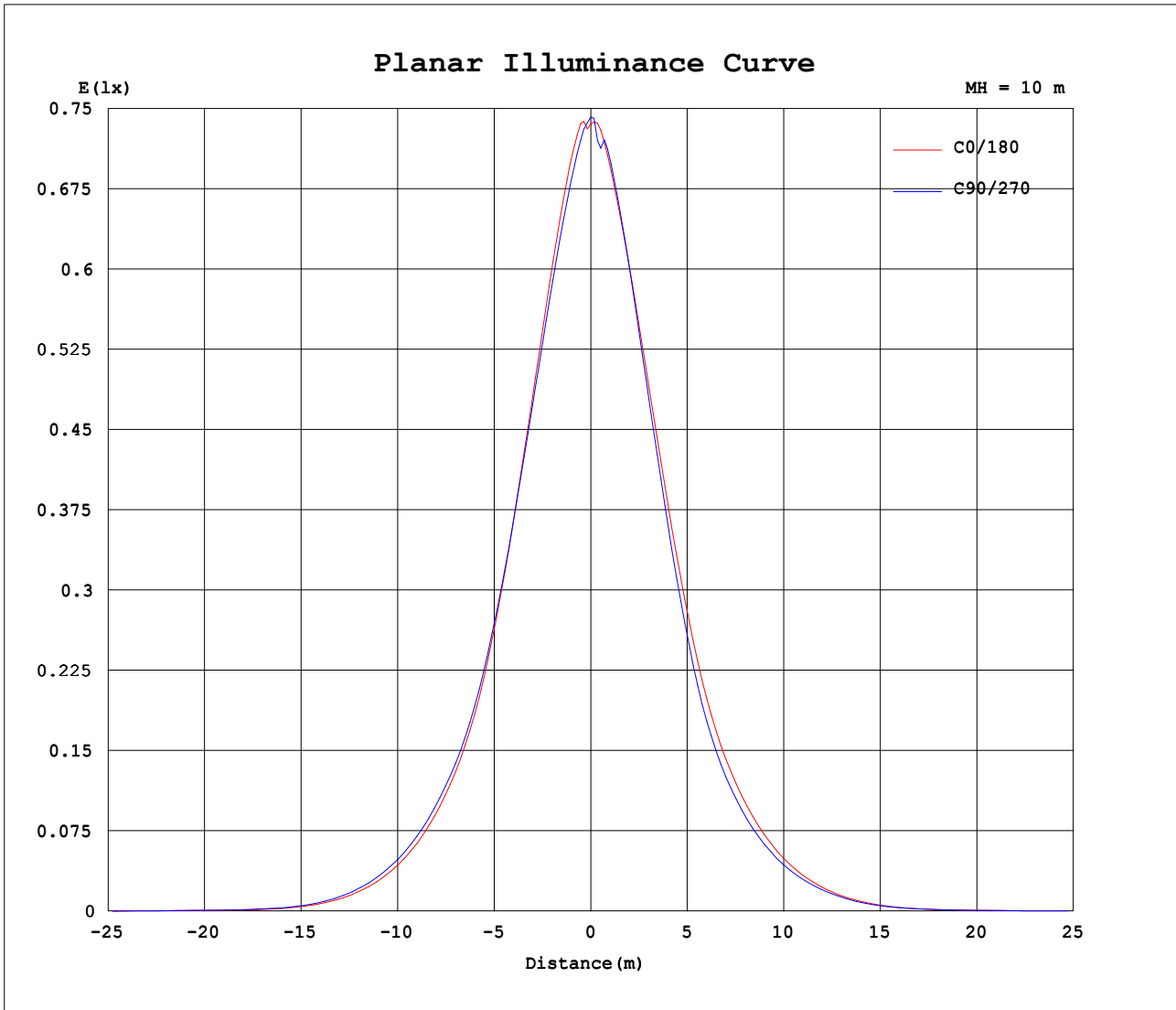
Test:U:12.01V I:0.4743A P:3.786W PF:0.6645 Freq:59.98Hz Lamp Flux:71.1107x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:4W 3000K Min beam angle	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:LAB-041



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2022-10-14

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

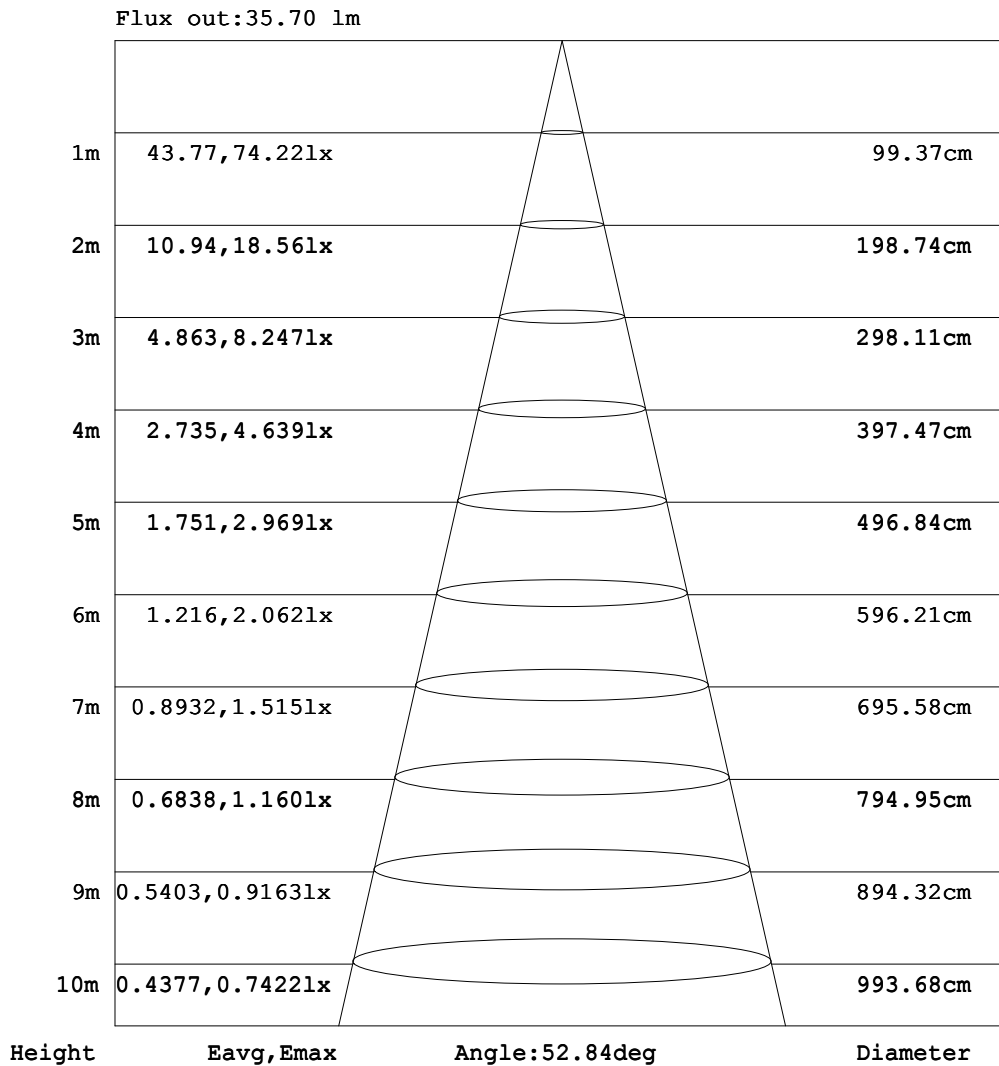


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2022-10-14

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:12.01V I:0.4743A P:3.786W PF:0.6645 Freq:59.98Hz Lamp Flux:71.1107x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:4W 3000K Min beam angle	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:LAB-041



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:2022-10-14

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:12.01V I:0.4743A P:3.786W PF:0.6645 Freq:59.98Hz Lamp Flux:71.1107x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:4W 3000K Min beam angle	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:LAB-041

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	0.00	0.00	0.00	0.00	0.00	0.03	0.10	0.15	0.20	0.24	0.30	0.31
-170	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	0.09	0.15	0.20	0.26	0.28	0.30
-160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.10	0.15	0.19	0.23	0.25
-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	0.00	0.02	0.04	0.06	0.10	0.12	0.13
-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	0.00	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
-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	0.01	0.09	0.14	0.19	0.26	0.30	0.32	0.33	0.33
-60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.27	0.40	0.59	0.77	0.97	1.12	1.27	1.39	1.49	1.54	1.56
-50	0.00	0.00	0.00	0.00	0.00	0.06	0.27	0.51	0.80	1.13	1.50	2.19	3.25	4.51	5.76	6.86	7.68	8.20	8.36
-40	0.00	0.00	0.00	0.00	0.01	0.29	0.60	1.02	1.50	2.71	4.83	7.43	10.1	12.7	15.0	16.8	18.2	19.1	19.3
-30	0.00	0.00	0.00	0.00	0.14	0.49	0.97	1.56	3.34	6.46	10.2	14.1	17.9	21.5	24.8	27.6	30.0	31.5	32.0
-20	0.00	0.00	0.00	0.00	0.28	0.68	1.27	2.67	5.96	10.3	15.1	20.0	25.0	30.2	35.9	41.2	45.3	47.9	48.6
-10	0.00	0.00	0.00	0.00	0.34	0.84	1.51	3.78	7.98	13.0	18.5	24.2	30.6	38.3	46.1	53.2	58.9	62.8	63.9
0	0.00	0.00	0.00	0.00	0.35	0.91	1.62	4.24	8.72	14.0	19.7	25.9	33.2	41.9	50.6	58.6	65.6	71.5	73.6
10	0.00	0.00	0.00	0.00	0.34	0.84	1.51	3.77	7.93	12.9	18.2	23.9	30.2	38.0	46.0	53.4	59.6	64.0	65.8
20	0.00	0.00	0.00	0.00	0.28	0.68	1.26	2.67	5.92	10.1	14.7	19.4	24.2	29.3	35.1	40.6	45.0	47.8	48.5
30	0.00	0.00	0.00	0.00	0.15	0.49	0.97	1.56	3.34	6.38	9.90	13.5	17.1	20.4	23.4	26.1	28.3	29.6	29.8
40	0.00	0.00	0.00	0.00	0.02	0.29	0.60	1.01	1.49	2.72	4.79	7.24	9.68	11.9	13.9	15.5	16.6	17.2	17.3
50	0.00	0.00	0.00	0.00	0.00	0.07	0.28	0.52	0.80	1.11	1.48	2.20	3.25	4.45	5.61	6.59	7.29	7.69	7.78
60	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.28	0.42	0.60	0.77	0.95	1.09	1.22	1.34	1.45	1.52	1.54	1.54
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.17	0.23	0.28	0.32	0.35	0.37	0.37
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	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.12	0.14	0.13
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.12	0.16	0.20	0.24	0.27
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.10	0.15	0.20	0.24	0.30	0.32

H(β) Range:-90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2022-10-14

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:12.01V I:0.4743A P:3.786W PF:0.6645 Freq:59.98Hz Lamp Flux:71.1107x1 lm		
NAME: LED LANDSCAPE LIGHT	TYPE:Copper Path Light	WEIGHT:
SPEC.:4W 3000K Min beam angle	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:LAB-041

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	0.31	0.29	0.29	0.22	0.14	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-170	0.30	0.30	0.27	0.19	0.14	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-160	0.24	0.21	0.18	0.15	0.12	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
-150	0.13	0.12	0.08	0.05	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
-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	0.00	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
-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	0.33	0.32	0.29	0.25	0.19	0.14	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-60	1.52	1.45	1.34	1.21	1.06	0.90	0.71	0.54	0.38	0.24	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00
-50	8.09	7.48	6.57	5.42	4.15	2.93	1.94	1.36	1.03	0.72	0.45	0.23	0.06	0.00	0.00	0.00	0.00	0.00
-40	18.9	17.9	16.3	14.3	12.0	9.37	6.70	4.21	2.29	1.32	0.89	0.52	0.24	0.03	0.00	0.00	0.00	0.00
-30	31.3	29.5	27.0	23.9	20.6	16.9	13.0	9.12	5.57	2.76	1.33	0.83	0.42	0.13	0.00	0.00	0.00	0.00
-20	47.6	44.7	40.3	34.7	28.8	23.5	18.6	13.7	9.03	4.97	2.13	1.08	0.59	0.23	0.00	0.00	0.00	0.00
-10	62.7	58.6	52.3	44.7	36.6	28.7	22.4	16.8	11.4	6.68	2.99	1.26	0.70	0.29	0.02	0.00	0.00	0.00
0	72.1	65.7	57.7	48.9	39.7	30.8	23.7	17.7	12.2	7.23	3.29	1.31	0.73	0.32	0.03	0.00	0.00	0.00
10	64.0	59.2	52.5	44.6	36.2	28.3	22.1	16.5	11.3	6.64	2.99	1.26	0.69	0.29	0.02	0.00	0.00	0.00
20	47.5	44.4	39.6	33.8	27.9	22.8	18.0	13.3	8.86	4.93	2.13	1.07	0.59	0.23	0.00	0.00	0.00	0.00
30	29.3	27.8	25.4	22.6	19.4	16.0	12.4	8.85	5.49	2.76	1.33	0.82	0.43	0.14	0.00	0.00	0.00	0.00
40	17.0	16.3	15.0	13.3	11.2	8.94	6.51	4.16	2.30	1.31	0.88	0.53	0.24	0.04	0.00	0.00	0.00	0.00
50	7.59	7.08	6.30	5.27	4.10	2.93	1.95	1.34	1.01	0.71	0.46	0.24	0.07	0.00	0.00	0.00	0.00	0.00
60	1.50	1.42	1.29	1.17	1.03	0.88	0.72	0.55	0.39	0.25	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00
70	0.36	0.34	0.31	0.27	0.23	0.17	0.11	0.05	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	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	0.03	0.02	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
160	0.15	0.14	0.10	0.08	0.07	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
170	0.25	0.24	0.22	0.16	0.11	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.31	0.29	0.29	0.22	0.14	0.13	0.04	0.00	0.00	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:2022-10-14

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: