

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

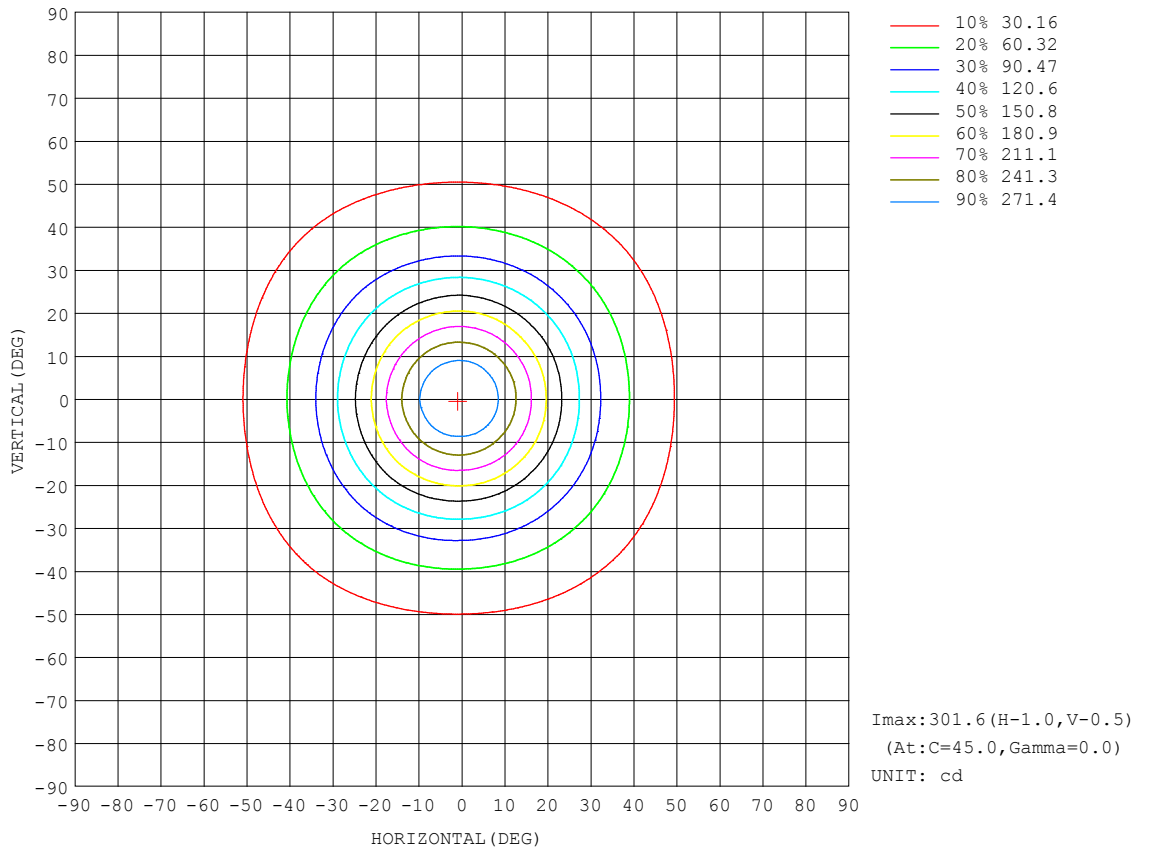
Maximum Intensity		1127.0 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of I _{max}	100.4V x 100.3H
	At 50% of I _{max}	47.8V x 48.0H
	At 90% of I _{max}	17.6V x 18.3H
Beam Flux	Total	1000.2 lumens per klm.
	To 10% of I _{max}	896.6 lumens per klm.
	To 50% of I _{max}	431.1 lumens per klm.
	To 90% of I _{max}	76.7 lumens per klm.
	Upward LOR	1.0 %
	Downward LOR	99.0 %
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:2022-03-05

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:12.23V I:0.4323A P:3.643W PF:0.6892 Freq:59.98Hz Lamp Flux:267.601x1 lm		
NAME: Micro	TYPE:LAB-027	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

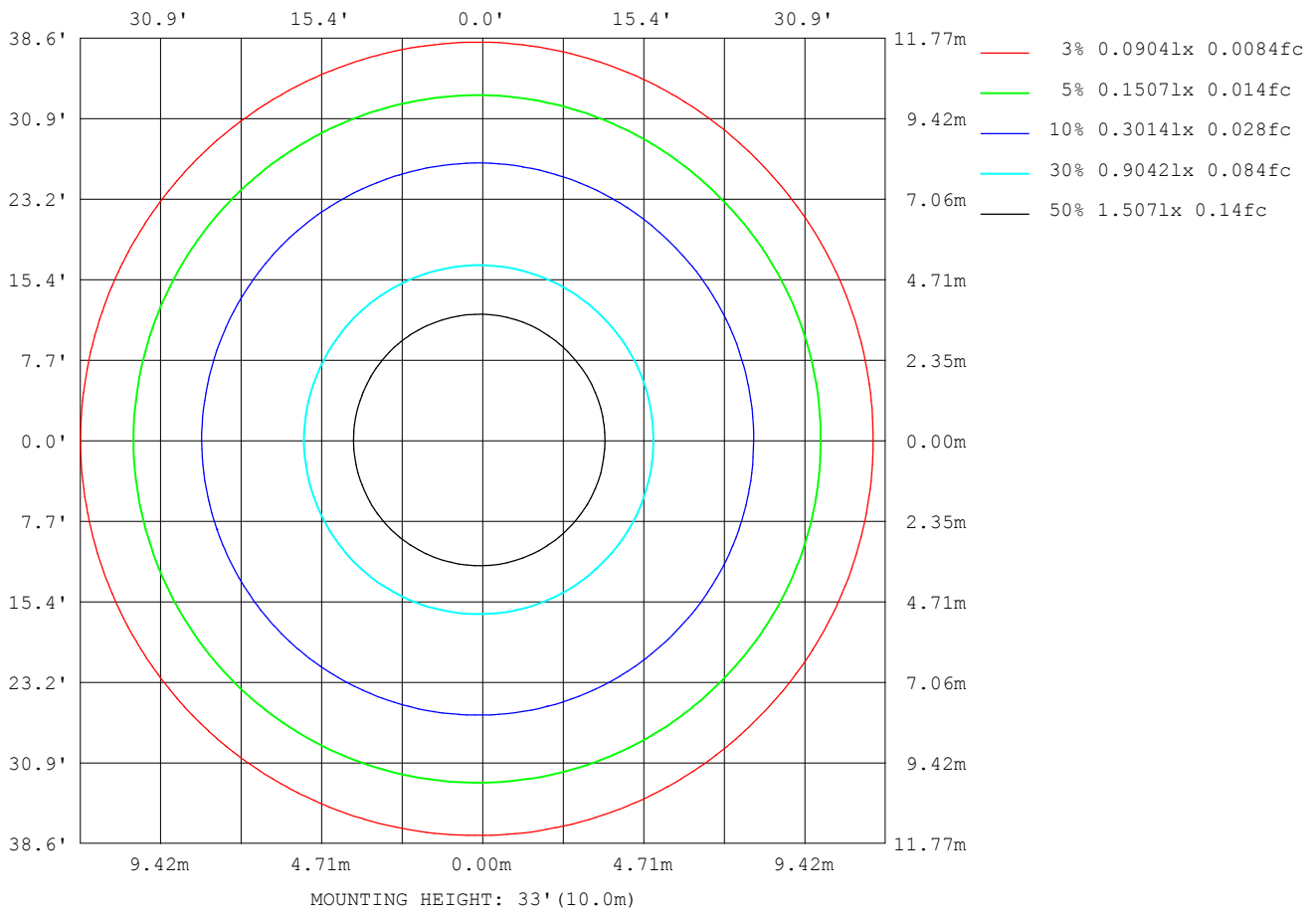


H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-05

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

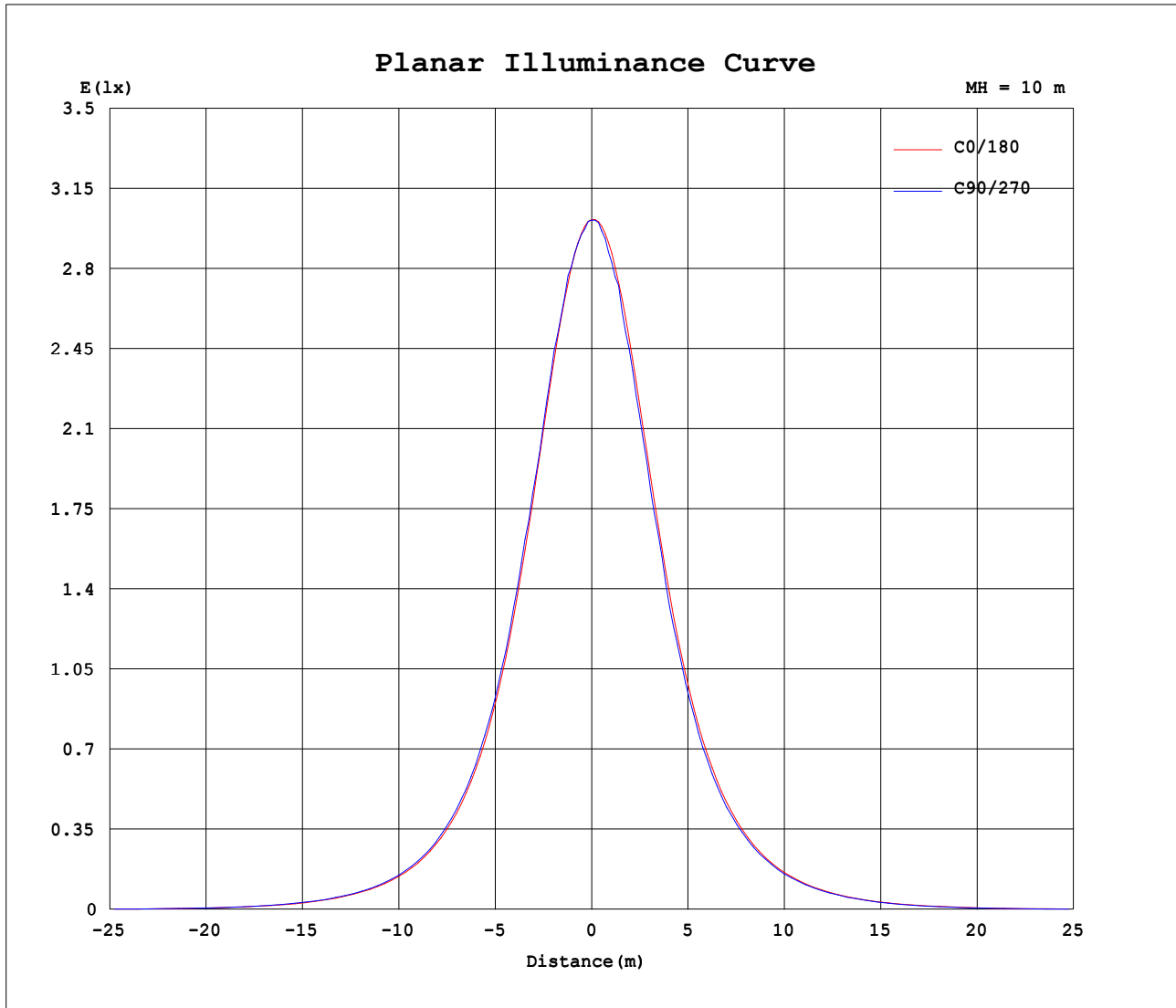
Test:U:12.23V I:0.4323A P:3.643W PF:0.6892 Freq:59.98Hz Lamp Flux:267.601x1 lm		
NAME: Micro	TYPE:LAB-027	WEIGHT:
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MFR.: EVERFINE	SUR.:	Shielding Angle:



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H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2022-03-05

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

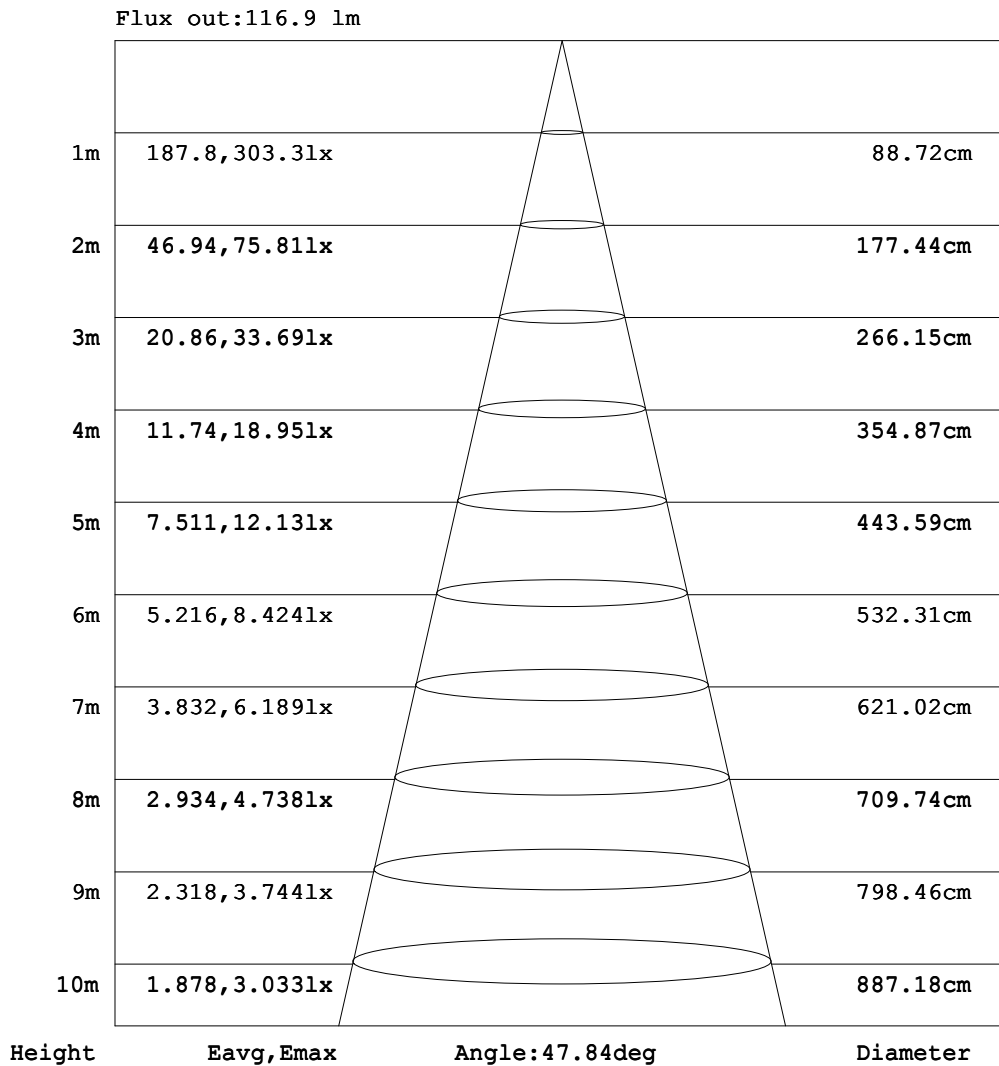


H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ADMIN
 Test Date:2022-03-05

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:12.23V I:0.4323A P:3.643W PF:0.6892 Freq:59.98Hz Lamp Flux:267.60lx1 lm		
NAME: Micro	TYPE:LAB-027	WEIGHT:
SPEC.:	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.

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-05

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:12.23V I:0.4323A P:3.643W PF:0.6892 Freq:59.98Hz Lamp Flux:267.601x1 lm		
NAME: Micro	TYPE:LAB-027	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

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	0.07	0.16	0.35	0.57	0.83	1.12	1.41	1.69	1.96	2.19	2.36	2.46
-170	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.20	0.39	0.62	0.88	1.17	1.48	1.77	2.04	2.26	2.33	2.34
-160	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.19	0.34	0.55	0.79	1.07	1.34	1.61	1.80	1.92	1.99	2.01
-150	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.12	0.26	0.41	0.61	0.81	1.02	1.19	1.31	1.41	1.47	1.49
-140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.13	0.25	0.38	0.50	0.62	0.72	0.79	0.87	0.90	0.91
-130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.15	0.21	0.27	0.32	0.37	0.40	0.42	0.42
-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	0.01	0.03	0.03	0.05	0.07	0.08	0.09
-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	0.09	0.28	0.57	0.85	1.15	1.44	1.72	1.96	2.14	2.24	2.26
-60	0.00	0.00	0.00	0.00	0.00	0.03	0.40	1.00	1.77	2.78	3.99	5.37	6.84	8.23	9.54	10.6	11.4	11.8	11.9
-50	0.00	0.00	0.00	0.00	0.08	0.72	1.80	3.42	5.68	8.55	11.8	15.3	18.8	22.0	24.9	27.2	28.8	29.9	30.1
-40	0.00	0.00	0.00	0.00	0.58	1.87	4.09	7.47	11.9	17.2	23.0	29.1	35.2	41.2	46.9	52.4	55.7	58.0	58.4
-30	0.00	0.00	0.00	0.11	1.21	3.34	7.05	12.4	19.2	26.8	35.6	45.4	56.5	68.0	80.1	91.3	100.0	106	108
-20	0.00	0.00	0.00	0.31	1.83	4.86	9.96	17.0	25.7	36.1	48.2	63.3	81.4	102	124	147	167	179	182
-10	0.00	0.00	0.00	0.48	2.30	5.99	12.1	20.3	30.5	43.0	58.7	78.8	104	134	170	205	237	258	263
0	0.00	0.00	0.00	0.53	2.46	6.40	12.9	21.6	32.3	45.8	63.0	85.3	114	149	190	233	270	295	301
10	0.00	0.00	0.00	0.48	2.30	5.98	12.1	20.3	30.6	43.1	59.0	79.0	104	135	170	206	238	259	264
20	0.00	0.00	0.00	0.31	1.83	4.85	9.93	17.1	25.8	36.3	48.7	64.0	81.8	103	125	148	167	181	186
30	0.00	0.00	0.00	0.11	1.22	3.34	7.00	12.4	19.2	27.1	35.9	45.9	57.2	69.1	81.0	92.4	102	108	109
40	0.00	0.00	0.00	0.00	0.58	1.88	4.08	7.39	11.9	17.2	23.1	29.4	35.8	42.1	48.0	53.4	57.5	60.0	60.7
50	0.00	0.00	0.00	0.00	0.09	0.73	1.81	3.42	5.62	8.45	11.8	15.2	18.9	22.3	25.3	28.0	29.7	30.9	31.2
60	0.00	0.00	0.00	0.00	0.00	0.04	0.41	1.01	1.79	2.78	3.98	5.31	6.73	8.16	9.43	10.6	11.4	11.9	12.0
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.30	0.58	0.88	1.17	1.47	1.73	1.96	2.14	2.25	2.27
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	0.01	0.03	0.09	0.14	0.17	0.18	0.19
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13	0.18	0.29	0.37	0.47	0.52	0.59	0.61
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.11	0.19	0.33	0.47	0.61	0.77	0.91	1.03	1.10	1.14
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.21	0.37	0.57	0.77	0.98	1.23	1.38	1.54	1.67	1.72
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.15	0.31	0.52	0.75	1.01	1.28	1.53	1.78	1.95	2.12	2.19
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.16	0.35	0.57	0.83	1.12	1.41	1.69	1.96	2.19	2.36	2.46

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-05

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:12.23V I:0.4323A P:3.643W PF:0.6892 Freq:59.98Hz Lamp Flux:267.601x1 lm		
NAME: Micro	TYPE:LAB-027	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

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	2.43	2.39	2.28	2.05	1.82	1.53	1.23	0.96	0.71	0.45	0.28	0.11	0.01	0.00	0.00	0.00	0.00	0.00
-170	2.34	2.30	2.16	1.97	1.73	1.47	1.20	0.90	0.64	0.45	0.25	0.09	0.01	0.00	0.00	0.00	0.00	0.00
-160	2.00	1.96	1.85	1.69	1.47	1.24	1.00	0.76	0.54	0.33	0.18	0.04	0.01	0.00	0.00	0.00	0.00	0.00
-150	1.49	1.44	1.36	1.23	1.08	0.91	0.73	0.55	0.38	0.24	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00
-140	0.91	0.89	0.83	0.76	0.66	0.55	0.44	0.32	0.20	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-130	0.43	0.42	0.39	0.34	0.30	0.24	0.18	0.11	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-120	0.09	0.08	0.07	0.05	0.04	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
-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	2.22	2.10	1.91	1.67	1.38	1.10	0.80	0.51	0.27	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-60	11.7	11.1	10.3	9.10	7.80	6.37	4.99	3.69	2.56	1.64	0.92	0.38	0.04	0.00	0.00	0.00	0.00	0.00
-50	29.5	28.1	26.2	23.7	20.7	17.5	14.1	10.9	7.79	5.14	3.08	1.64	0.67	0.10	0.00	0.00	0.00	0.00
-40	57.2	54.2	49.9	44.8	38.6	32.5	26.7	21.0	15.7	10.8	6.67	3.65	1.69	0.54	0.01	0.00	0.00	0.00
-30	104	96.9	86.8	75.2	63.4	51.6	41.6	32.4	24.4	17.3	11.2	6.27	2.97	1.10	0.13	0.00	0.00	0.00
-20	176	160	139	118	94.5	74.6	57.8	44.0	32.5	23.1	15.3	8.86	4.27	1.64	0.32	0.00	0.00	0.00
-10	255	228	197	159	124	95.0	71.4	53.0	38.6	27.4	18.1	10.8	5.25	2.04	0.46	0.00	0.00	0.00
0	290	261	221	177	137	103	76.8	56.5	40.9	28.9	19.1	11.4	5.60	2.18	0.51	0.00	0.00	0.00
10	255	230	196	159	125	95.3	71.8	53.2	38.8	27.5	18.1	10.7	5.24	2.04	0.46	0.00	0.00	0.00
20	178	162	141	118	95.2	75.3	58.4	44.2	32.8	23.2	15.3	8.84	4.24	1.64	0.32	0.00	0.00	0.00
30	106	98.6	88.4	76.5	64.2	52.6	41.9	32.8	24.5	17.3	11.1	6.24	2.95	1.11	0.14	0.00	0.00	0.00
40	59.2	55.9	51.3	45.5	39.4	33.1	27.0	21.2	15.7	10.7	6.63	3.61	1.70	0.55	0.01	0.00	0.00	0.00
50	30.6	29.0	27.0	24.1	21.0	17.5	14.2	10.7	7.69	5.05	3.04	1.65	0.69	0.11	0.00	0.00	0.00	0.00
60	11.8	11.2	10.2	9.03	7.72	6.31	4.87	3.59	2.52	1.65	0.94	0.40	0.05	0.00	0.00	0.00	0.00	0.00
70	2.23	2.10	1.91	1.67	1.40	1.11	0.83	0.55	0.30	0.09	0.01	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	0.18	0.17	0.14	0.13	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
140	0.60	0.55	0.48	0.42	0.31	0.24	0.15	0.09	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	1.11	1.05	0.94	0.80	0.66	0.56	0.43	0.33	0.22	0.11	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00
160	1.68	1.57	1.42	1.25	1.12	0.93	0.76	0.58	0.41	0.25	0.11	0.02	0.01	0.00	0.00	0.00	0.00	0.00
170	2.12	1.97	1.89	1.74	1.53	1.31	1.06	0.80	0.56	0.39	0.21	0.08	0.01	0.00	0.00	0.00	0.00	0.00
180	2.43	2.39	2.28	2.05	1.82	1.53	1.23	0.96	0.71	0.45	0.28	0.11	0.01	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:2022-03-05

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: