

# Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	675.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	360.0V x 180.0H
	At 50% of Imax	360.0V x 180.0H
	At 90% of Imax	360.0V x 180.0H

Beam Flux	Total	998.2 lumens per klm.
	To 10% of Imax	946.3 lumens per klm.
	To 50% of Imax	722.4 lumens per klm.
	To 90% of Imax	185.5 lumens per klm.

Upward LOR	3.5 %
Downward LOR	96.3 %

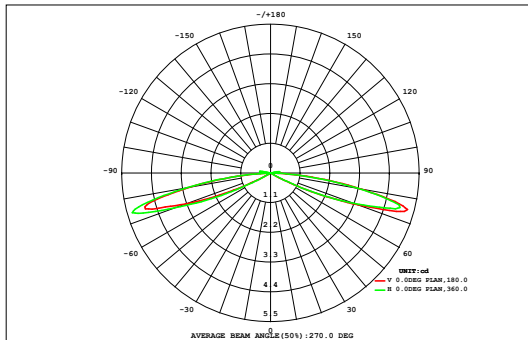
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2020-03-13

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:11.94V I:0.4538A P:3.660W PF:0.6753 Freq:59.99Hz Lamp Flux:7.88246x1 lm		
NAME: LED	TYPE:M4B1-3.5W-30K-A+LAB-020 WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:2.15lm/W	
M4B1-3.5W-30K-A+LAB-020		Imax (cd)	5.328
NOMINAL POWER (W)	3.5	AVAILABILITY (%)	94.5
RATED VOLTAGE (V)	12	Avai. FLUX (lm)	7.453
NOMINAL FLUX (lm)	7.88246	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	7.882
TEST VOLTAGE (V)	12	θ @50% (H,V)	180,360DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.04	0.04	0.04	0.03	0.02	0.02	0.01	0.00	0.00	0.00	0.30	0.27
90	0.00	0.00	0.02	0.04	0.07	0.10	0.12	0.13	0.13	0.13	0.13	0.12	0.10	0.08	0.05	0.02	0.01	0.00	1.24	1.24
80	0.00	0.01	0.04	0.08	0.09	0.08	0.07	0.05	0.05	0.05	0.05	0.07	0.08	0.09	0.08	0.05	0.01	0.00	0.96	0.95
70	0.00	0.02	0.06	0.06	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.06	0.06	0.02	0.00	0.42	0.41
60	0.00	0.03	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.06	0.03	0.00	0.25	0.24
50	0.00	0.03	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.03	0.00	0.18	0.18
40	0.00	0.03	0.03	0.00	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	0.00	0.14	0.14
30	0.00	0.03	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	0.02	0.04	0.00	0.13	0.12
20	0.00	0.03	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	0.02	0.04	0.01	0.12	0.12
10	0.00	0.03	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	0.02	0.04	0.00	0.13	0.12
0	0.00	0.03	0.03	0.00	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	0.00	0.15	0.14
-10	0.00	0.03	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.03	0.00	0.18	0.18
-20	0.00	0.03	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.06	0.03	0.00	0.26	0.25
-30	0.00	0.02	0.06	0.07	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.07	0.06	0.02	0.00	0.45	0.43
-40	0.00	0.01	0.04	0.08	0.09	0.09	0.07	0.06	0.06	0.06	0.06	0.07	0.09	0.10	0.08	0.04	0.01	0.00	1.04	1.03
-50	0.00	0.00	0.02	0.04	0.07	0.10	0.12	0.13	0.14	0.14	0.13	0.12	0.10	0.07	0.05	0.02	0.01	0.00	1.26	1.26
-60	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.27	0.25
-70	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.27	0.25
-80	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.27	0.25
-90	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.27	0.25
HORIZONTAL (DEG)																				
Φ t	0.04	0.39	0.58	0.49	0.46	0.45	0.44	0.44	0.44	0.45	0.45	0.45	0.46	0.47	0.51	0.61	0.43	0.05	8	---
Φ a	0.04	0.38	0.57	0.47	0.45	0.44	0.43	0.43	0.44	0.44	0.44	0.44	0.45	0.46	0.49	0.60	0.42	0.05	---	7

one-half-peak spread: U:82.0,D:79.0 , L:16.0,R:15.0

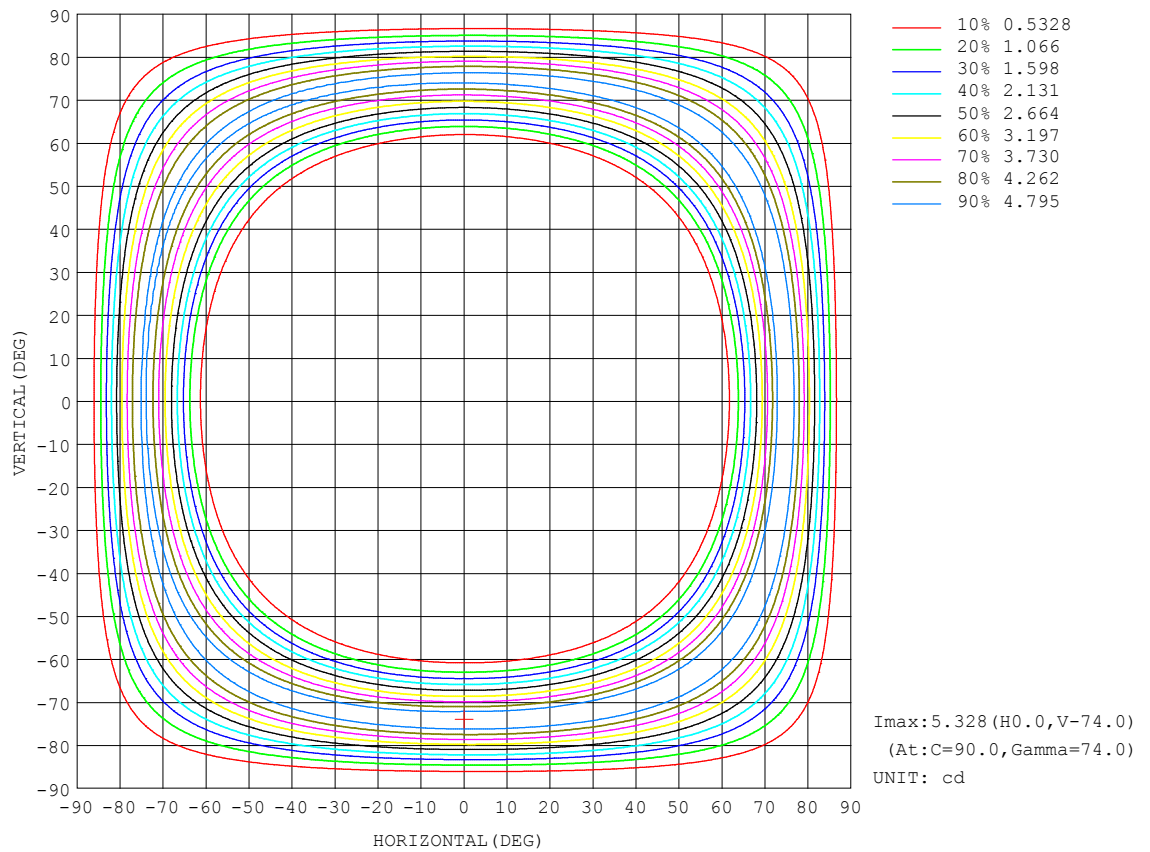
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2020-03-13

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:11.94V I:0.4538A P:3.660W PF:0.6753 Freq:59.99Hz Lamp Flux:7.88246x1 lm		
NAME: LED	TYPE:M4B1-3.5W-30K-A+LAB-020 WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

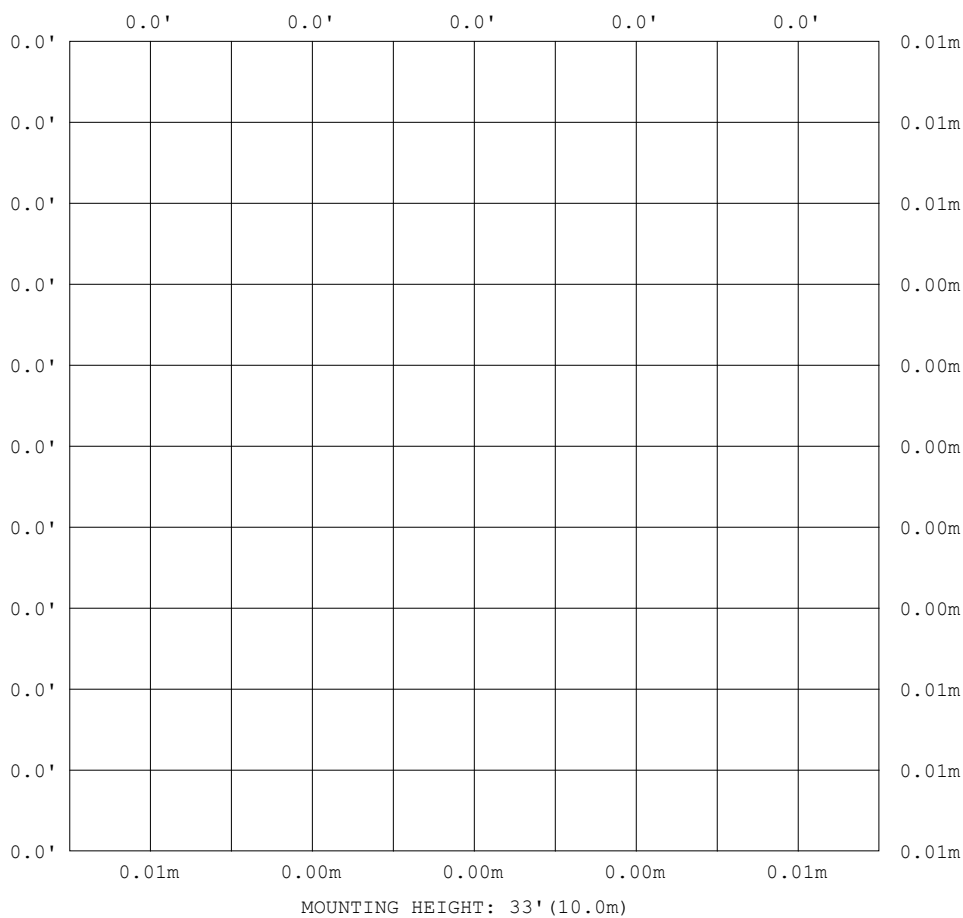


**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:ADMIN**  
**Test Date:2020-03-13**

**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

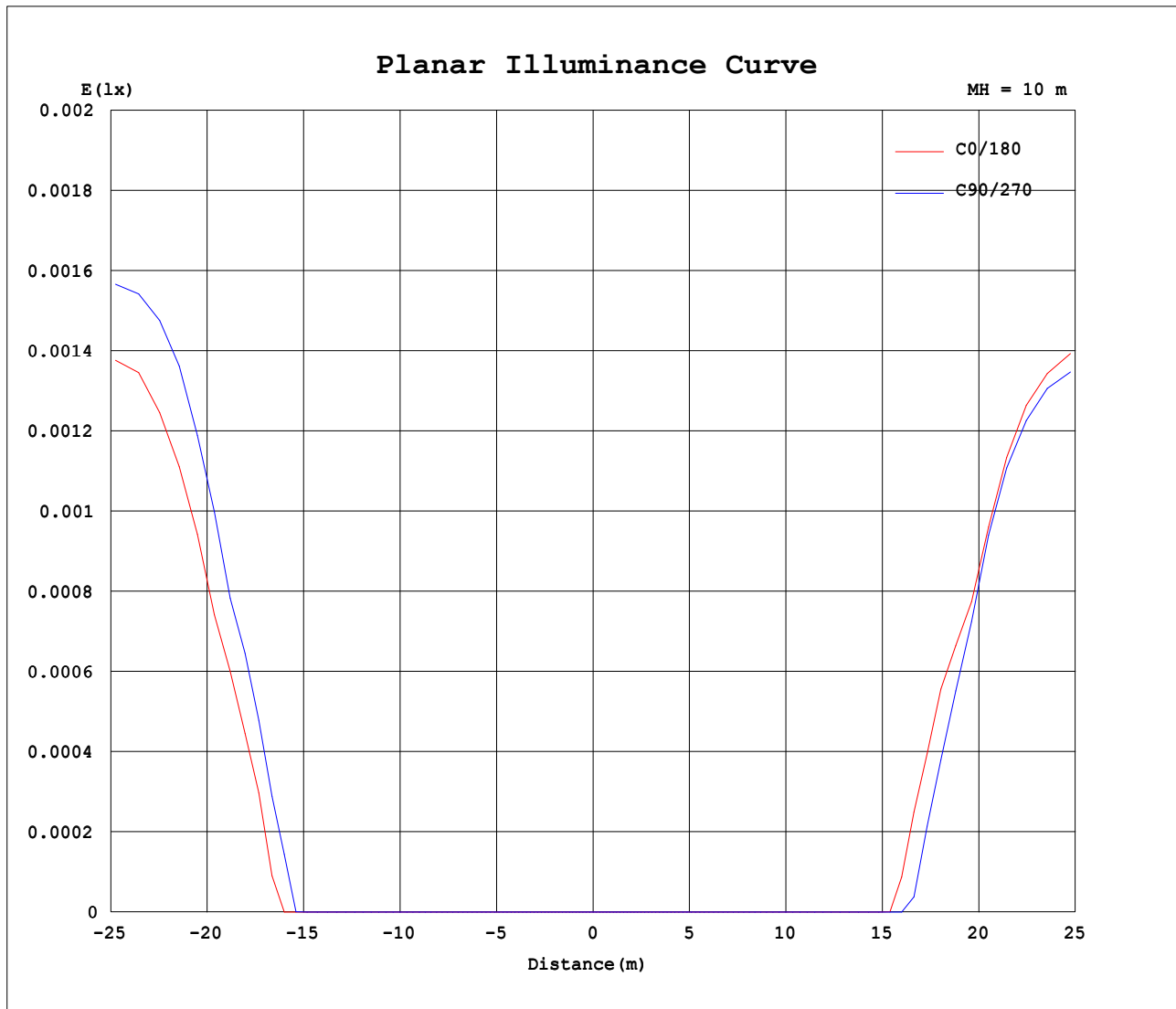
Test:U:11.94V I:0.4538A P:3.660W PF:0.6753 Freq:59.99Hz Lamp Flux:7.88246x1 lm		
NAME: LED	TYPE:M4B1-3.5W-30K-A+LAB-020	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2020-03-13

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

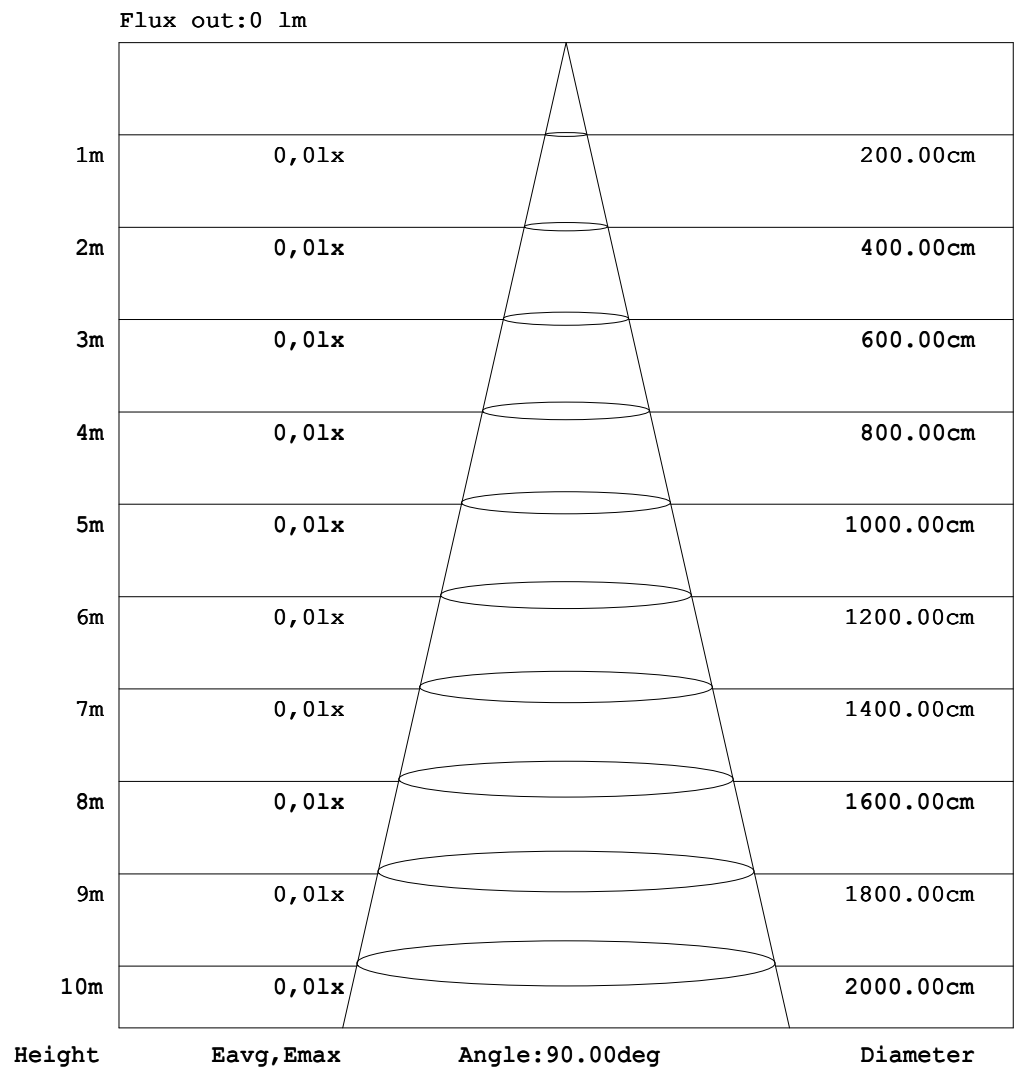


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2020-03-13

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:11.94V I:0.4538A P:3.660W PF:0.6753 Freq:59.99Hz Lamp Flux:7.88246x1 lm		
NAME: LED	TYPE:M4B1-3.5W-30K-A+LAB-020	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( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 0.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ADMIN  
 Test Date:2020-03-13

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:11.94V I:0.4538A P:3.660W PF:0.6753 Freq:59.99Hz Lamp Flux:7.88246x1 lm		
NAME: LED	TYPE:M4B1-3.5W-30K-A+LAB-020 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	0.16	0.33	0.06	0.00	0.00	0.00	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	0.00	0.16	0.34	0.07	0.00	0.00	0.00	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	0.14	0.34	0.12	0.00	0.00	0.00	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	0.10	0.35	0.19	0.00	0.00	0.00	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	0.06	0.34	0.29	0.05	0.00	0.00	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	0.02	0.29	0.35	0.21	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
-120	0.00	0.00	0.17	0.34	0.34	0.25	0.10	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	0.03	0.18	0.31	0.36	0.35	0.30	0.21	0.12	0.06	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	0.03	0.10	0.18	0.25	0.31	0.35	0.37	0.38	0.39	0.39	0.38	0.38	0.37	0.37	0.37
-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	0.01	0.14	0.36	0.62	0.88	1.16	1.45	1.73	2.02	2.27	2.47	2.65	2.81	2.94	3.03	3.08	3.11
-70	0.00	0.01	0.36	0.91	1.56	2.29	2.98	3.62	4.25	4.76	5.03	5.06	4.84	4.53	4.25	4.03	3.88	3.80	3.79
-60	0.00	0.12	0.87	1.88	2.97	4.00	4.81	4.85	4.04	3.28	2.61	1.99	1.44	1.01	0.72	0.57	0.47	0.40	0.38
-50	0.00	0.30	1.42	2.84	4.21	4.92	3.97	2.89	1.84	0.92	0.44	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-40	0.00	0.49	1.97	3.64	4.87	3.87	2.52	1.19	0.43	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-30	0.00	0.65	2.41	4.31	4.54	2.89	1.31	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-20	0.00	0.78	2.75	4.67	3.86	2.14	0.65	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-10	0.00	0.85	2.95	4.78	3.49	1.67	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.88	3.02	4.81	3.36	1.50	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.85	2.95	4.78	3.47	1.65	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.78	2.75	4.67	3.81	2.10	0.63	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.66	2.42	4.32	4.46	2.83	1.26	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.50	1.98	3.65	4.83	3.75	2.43	1.11	0.36	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.31	1.44	2.86	4.23	4.82	3.80	2.76	1.71	0.80	0.33	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.13	0.89	1.90	3.00	4.04	4.79	4.63	3.79	3.08	2.40	1.78	1.25	0.81	0.56	0.39	0.27	0.20	0.17
70	0.00	0.01	0.38	0.94	1.60	2.32	3.02	3.68	4.30	4.77	4.87	4.73	4.39	4.04	3.77	3.56	3.42	3.34	3.31
80	0.00	0.00	0.02	0.17	0.40	0.66	0.93	1.22	1.52	1.81	2.09	2.35	2.57	2.77	2.93	3.06	3.16	3.23	3.26
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	0.02	0.06	0.12	0.18	0.23	0.26	0.29	0.31	0.31	0.32	0.31	0.31	0.31	0.31	0.31
110	0.00	0.00	0.02	0.15	0.27	0.33	0.33	0.29	0.21	0.13	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.15	0.31	0.33	0.25	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
130	0.00	0.01	0.27	0.33	0.21	0.03	0.00	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	0.05	0.33	0.28	0.05	0.00	0.00	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	0.10	0.34	0.19	0.00	0.00	0.00	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	0.13	0.34	0.12	0.00	0.00	0.00	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	0.00	0.15	0.34	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.16	0.33	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H( $\beta$ ) Range:-90 - 90DEG

H( $\beta$ ) Interval: 0.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:ADMIN

Test Date:2020-03-13

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:11.94V I:0.4538A P:3.660W PF:0.6753 Freq:59.99Hz Lamp Flux:7.88246x1 lm		
NAME: LED	TYPE:M4B1-3.5W-30K-A+LAB-020	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.32	0.08	0.00	
-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	0.00	0.00	0.10	0.32	0.07	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	0.14	0.32	0.06	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	0.20	0.31	0.03	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	0.07	0.30	0.28	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	0.04	0.22	0.32	0.22	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	0.01	0.11	0.26	0.33	0.28	0.09	0.00	0.00	
-110	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.13	0.22	0.31	0.34	0.32	0.26	0.11	0.01	0.00	0.00	
-100	0.37	0.37	0.37	0.38	0.38	0.37	0.36	0.34	0.32	0.26	0.20	0.12	0.05	0.01	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	3.10	3.06	2.99	2.89	2.75	2.59	2.40	2.17	1.91	1.63	1.34	1.06	0.78	0.51	0.27	0.09	0.00	0.00	
-70	3.81	3.90	4.06	4.30	4.61	4.94	5.19	5.22	4.97	4.49	3.86	3.20	2.54	1.83	1.14	0.53	0.09	0.00	
-60	0.40	0.45	0.56	0.71	1.00	1.43	1.98	2.61	3.31	4.17	5.04	5.11	4.30	3.23	2.18	1.11	0.27	0.00	
-50	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.39	0.90	1.82	2.88	4.12	5.20	4.55	3.13	1.72	0.48	0.00	
-40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.37	1.18	2.51	4.02	5.23	3.97	2.29	0.69	0.00	
-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.29	2.89	4.78	4.69	2.74	0.88	0.00	
-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.60	2.13	4.05	5.06	3.07	1.02	0.00	
-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	1.64	3.60	5.20	3.27	1.11	0.00	
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	1.47	3.44	5.25	3.34	1.14	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	1.62	3.58	5.20	3.28	1.11	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	2.09	4.00	5.06	3.08	1.03	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	1.24	2.83	4.70	4.69	2.75	0.88	0.00	
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.10	2.42	3.91	5.19	3.99	2.30	0.70	0.00	
50	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.29	0.78	1.69	2.75	3.95	5.10	4.57	3.15	1.73	0.49	0.00	
60	0.20	0.26	0.37	0.54	0.80	1.24	1.77	2.40	3.11	3.91	4.82	5.08	4.33	3.26	2.20	1.13	0.27	0.00	
70	3.34	3.44	3.59	3.81	4.11	4.48	4.86	5.07	4.98	4.54	3.92	3.25	2.58	1.86	1.16	0.55	0.10	0.00	
80	3.24	3.20	3.12	3.01	2.86	2.69	2.49	2.25	1.99	1.70	1.41	1.11	0.83	0.55	0.30	0.10	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	0.31	0.31	0.31	0.31	0.31	0.30	0.28	0.26	0.23	0.18	0.13	0.06	0.01	0.00	0.00	0.00	0.00	0.00	
110	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.14	0.22	0.30	0.31	0.29	0.22	0.08	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	0.01	0.12	0.26	0.31	0.26	0.07	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	0.04	0.22	0.31	0.20	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	0.08	0.30	0.27	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	0.20	0.30	0.02	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	0.14	0.31	0.05	0.00	
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	0.00	0.00	0.10	0.32	0.07	0.00	
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	0.00	0.00	0.09	0.32	0.08	0.00	

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2020-03-13

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: