

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		4747.5 cd per klm. 0.0 degrees vertical -2.0 degrees horizontal
Beam Spread	At 10% of Imax	37.9V x 36.5H
	At 50% of Imax	14.3V x 15.4H
	At 90% of Imax	5.1V x 6.2H
Beam Flux	Total	998.5 lumens per klm.
	To 10% of Imax	443.1 lumens per klm.
	To 50% of Imax	161.1 lumens per klm.
	To 90% of Imax	14.6 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.9 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

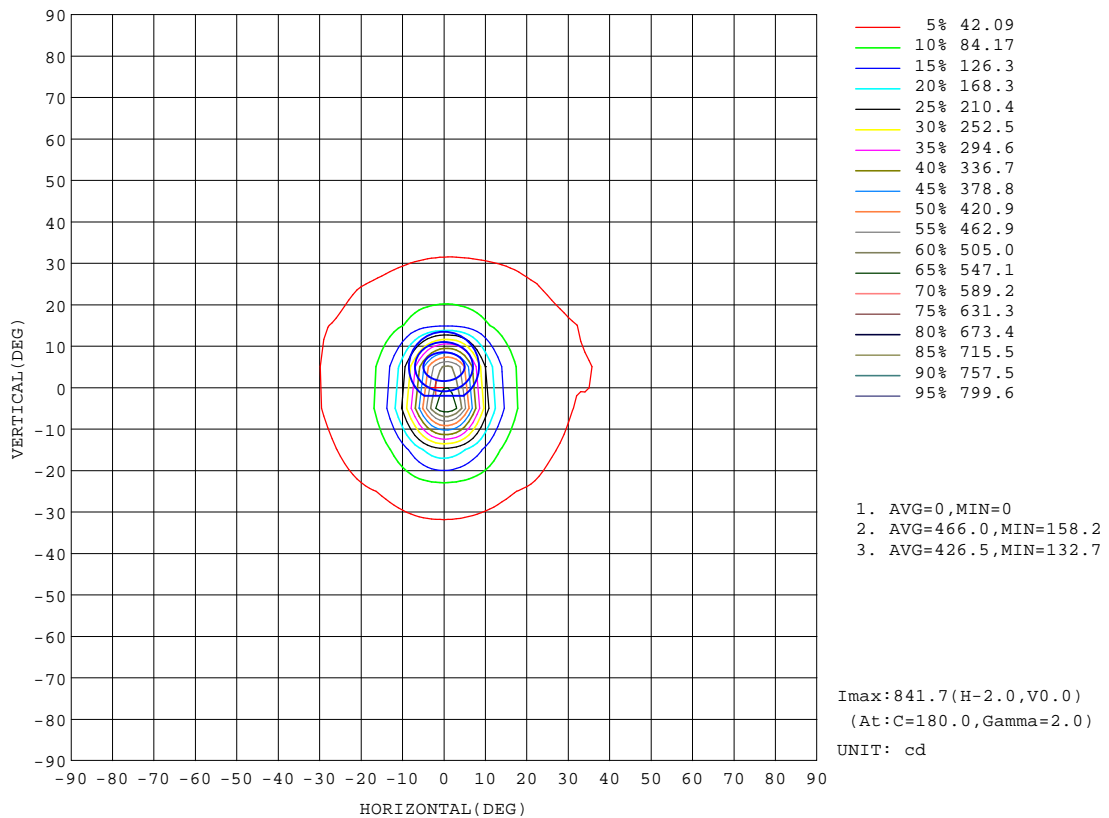
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-10-31

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:



ISOCANDELA DIAGRAM

Test:U:220.19V I:0.0482A P:4.7530W PF:0.4569 Freq:50.00Hz Lamp Flux:177.297x1 lm		
NAME: 6842	TYPE:	WEIGHT:200g
SPEC.:5W	DIM.: $\phi 65*75\text{mm}$	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:12°

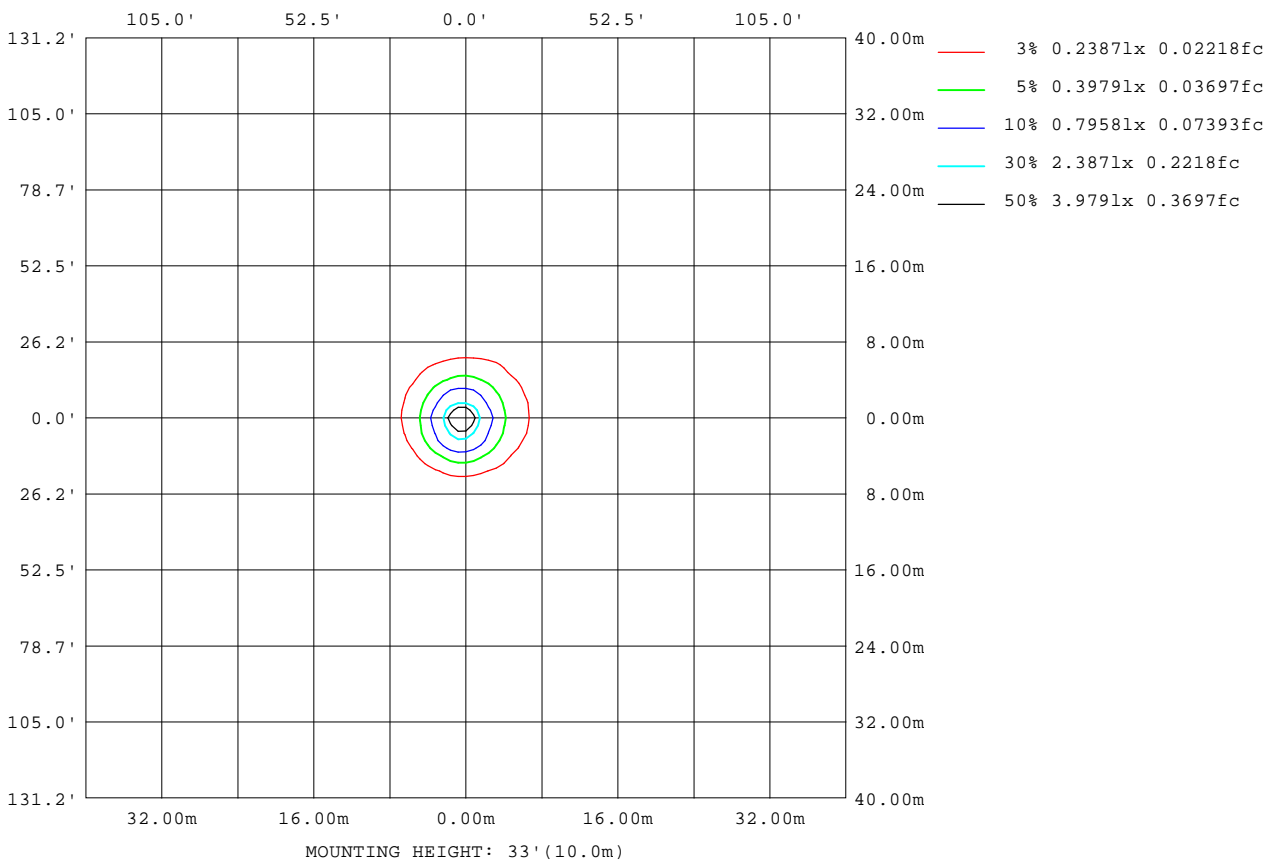


H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-10-31

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

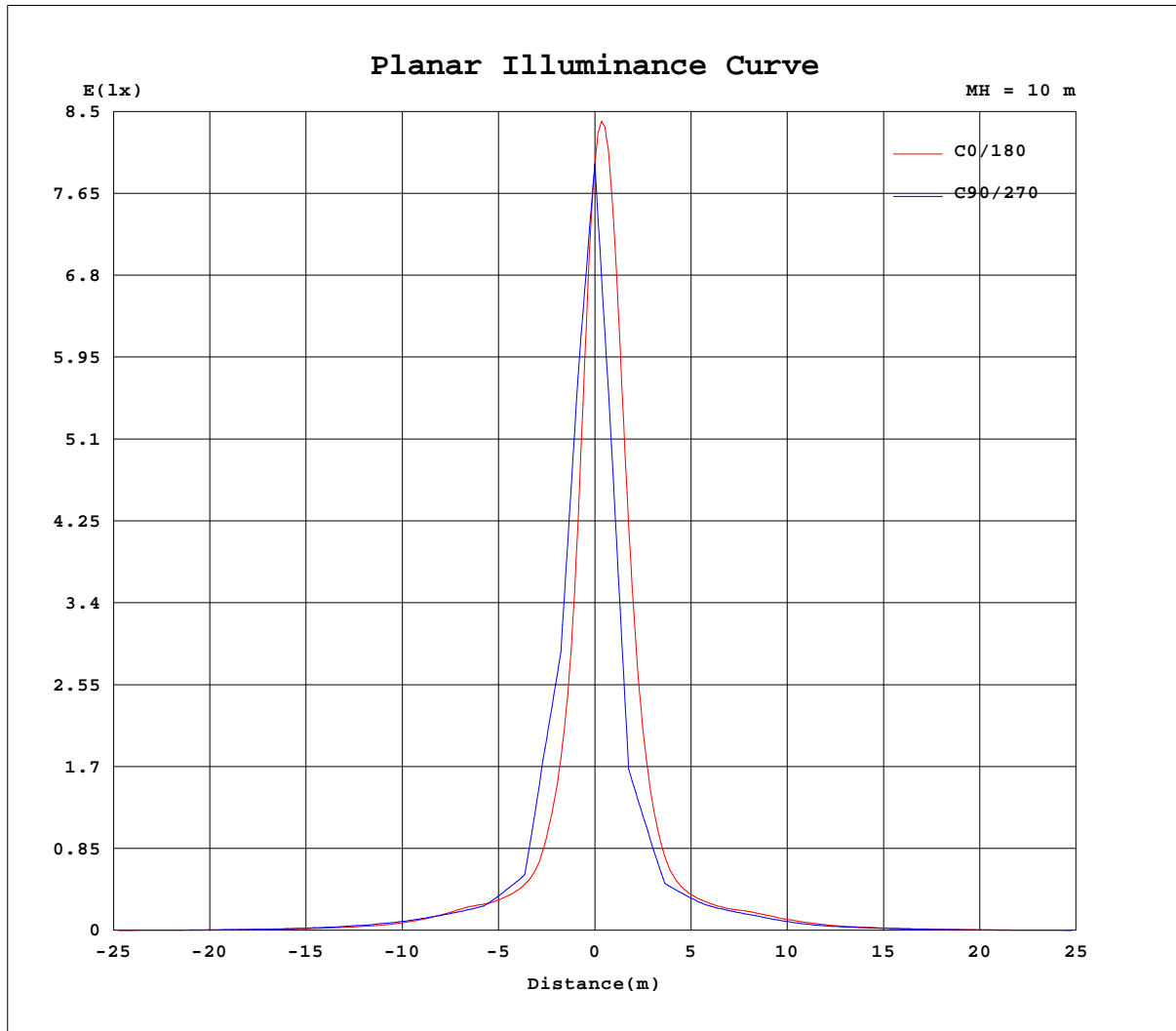
Test:U:220.19V I:0.0482A P:4.7530W PF:0.4569 Freq:50.00Hz Lamp Flux:177.297x1 lm		
NAME: 6842	TYPE:	WEIGHT:200g
SPEC.:5W	DIM.: $\phi 65 \times 75\text{mm}$	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:12°



**H(j)** Range:-90 - 90DEG  
**H(j)** Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-10-31

**V(B)** Range:-80 - 80DEG  
**V(B)** Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



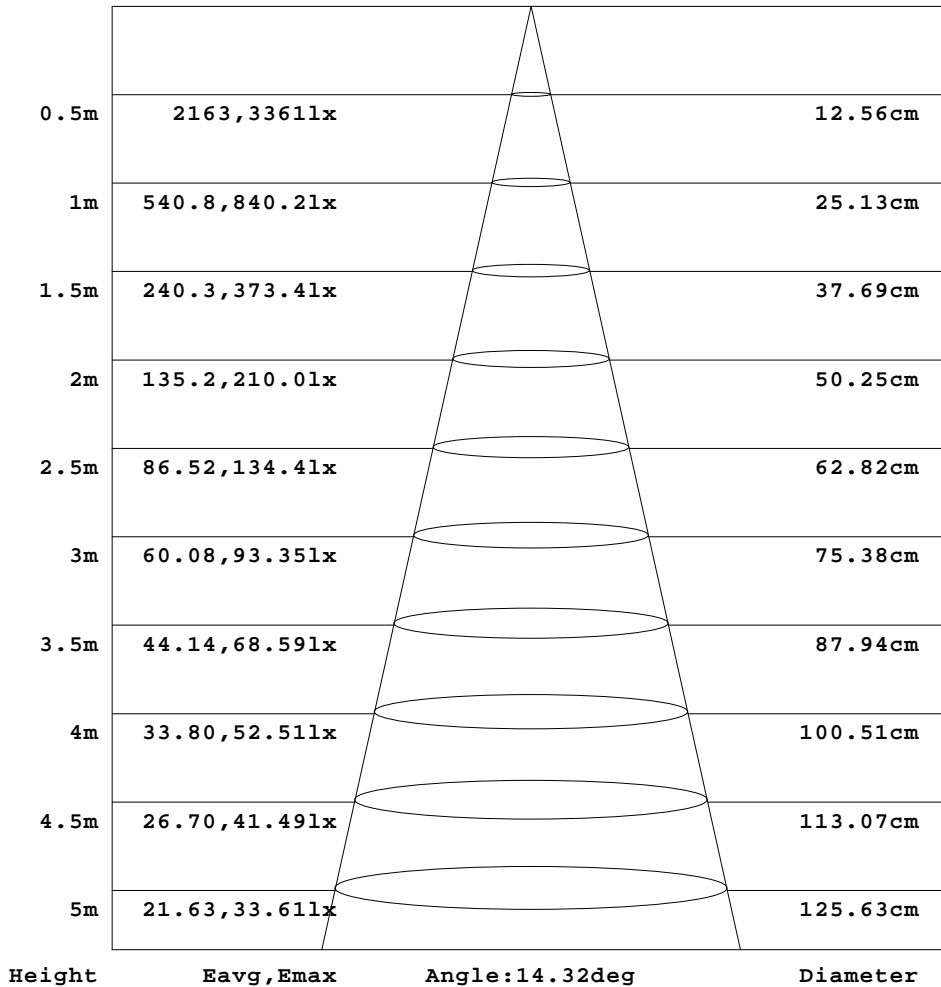
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-10-31

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:220.19V I:0.0482A P:4.7530W PF:0.4569 Freq:50.00Hz Lamp Flux:177.297x1 lm		
NAME: 6842	TYPE:	WEIGHT:200g
SPEC.:5W	DIM.: $\phi 65 \times 75\text{mm}$	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:12°

Flux out:29.44 lm



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: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-10-31

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.19V I:0.0482A P:4.7530W PF:0.4569 Freq:50.00Hz Lamp Flux:177.297x1 lm		
NAME: 6842	TYPE:	WEIGHT:200g
SPEC.:5W	DIM.: $\phi$ 65*75mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:12°

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
-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
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.85	0.86	0.88	0.91	0.94	0.97	1.00	1.04	1.10	1.16	1.20	1.25	1.30	1.35	1.39	1.42	1.46	1.48	1.49
-75	0.86	0.87	0.91	0.96	1.00	1.06	1.14	1.27	1.42	1.61	1.83	2.11	2.42	2.68	2.90	3.09	3.21	3.31	3.34
-70	0.88	0.92	0.99	1.07	1.14	1.25	1.42	1.65	1.95	2.32	2.79	3.34	3.86	4.30	4.64	4.91	5.10	5.18	5.24
-65	0.88	0.89	0.98	1.07	1.21	1.38	1.64	2.09	2.81	3.60	4.36	5.12	5.84	6.48	7.04	7.58	7.97	8.30	8.44
-60	0.90	0.96	1.08	1.25	1.47	1.79	2.32	3.35	4.62	5.80	6.86	7.77	8.58	9.35	10.1	10.7	11.3	11.6	11.6
-55	0.88	0.89	1.03	1.20	1.47	1.89	2.69	3.79	5.18	6.65	8.12	9.66	11.1	12.3	13.5	14.6	15.7	16.4	16.8
-50	0.87	0.97	1.16	1.46	1.93	2.87	4.31	5.86	7.51	9.26	11.2	13.4	15.1	16.7	18.3	19.8	21.1	21.7	21.8
-45	0.87	0.89	1.09	1.36	1.86	2.88	4.39	6.03	7.88	10.2	12.5	15.1	17.9	20.9	23.2	25.0	26.3	26.9	27.2
-40	0.90	1.04	1.30	1.80	2.86	4.63	6.41	8.37	10.9	13.8	16.8	20.1	24.5	28.0	30.3	31.8	32.5	32.5	32.4
-35	0.88	0.90	1.17	1.57	2.46	4.33	6.35	8.42	11.2	14.3	18.1	22.7	27.3	31.0	32.5	33.8	35.0	35.8	36.1
-30	0.91	1.08	1.44	2.19	4.18	6.46	8.71	11.7	14.9	19.1	24.6	30.9	35.1	36.0	36.1	37.2	38.8	39.5	39.4
-25	0.91	0.92	1.23	1.77	3.17	5.66	8.17	11.0	14.5	18.7	25.0	31.5	35.6	37.5	39.8	43.2	48.1	53.3	55.3
-20	0.92	1.15	1.57	2.60	5.12	7.88	10.8	14.6	18.7	25.7	33.2	38.5	38.3	41.6	47.2	54.7	64.0	70.4	69.9
-15	0.95	0.94	1.28	1.92	3.76	6.57	9.56	13.4	17.2	23.5	31.7	38.3	39.6	42.9	51.0	69.7	111	169	198
-10	0.92	1.15	1.64	2.97	5.72	8.80	12.6	16.5	22.3	31.3	39.1	40.3	43.9	52.6	73.3	129	227	317	303
-5	0.97	0.95	1.32	2.01	4.05	6.97	10.3	14.6	18.8	26.6	35.6	41.3	41.7	48.0	62.3	107	217	426	581
0	0.95	1.19	1.68	3.03	5.81	9.02	13.3	17.2	23.4	33.0	41.1	41.3	45.9	57.2	92.8	197	440	777	796
5	0.96	0.95	1.33	2.00	4.03	6.97	10.4	14.8	18.8	26.5	35.7	41.9	42.0	47.4	60.3	98.9	192	372	509
10	0.94	1.15	1.63	2.94	5.69	8.93	12.9	16.8	22.0	31.2	39.7	41.6	43.4	50.0	64.4	95.7	144	176	175
15	0.91	0.94	1.29	1.91	3.73	6.61	9.84	13.9	17.5	23.4	31.9	39.3	41.6	43.3	48.6	60.3	82.9	109	120
20	0.94	1.13	1.56	2.58	5.12	8.09	11.3	15.2	19.0	25.5	33.7	40.5	41.2	41.8	44.9	49.9	55.4	58.8	59.1
25	0.90	0.93	1.23	1.76	3.16	5.77	8.60	11.8	15.3	19.1	25.0	31.9	37.5	39.5	41.6	43.6	46.1	48.8	50.1
30	0.91	1.09	1.43	2.19	4.23	6.81	9.46	12.8	15.9	19.3	24.4	31.2	36.4	39.7	40.5	40.2	40.2	40.7	40.9
35	0.91	0.91	1.16	1.56	2.46	4.50	6.87	9.34	12.3	15.3	18.4	22.6	27.3	31.4	34.3	35.8	36.7	37.3	37.7
40	0.90	1.04	1.29	1.80	2.95	5.00	7.21	9.47	12.1	14.8	17.0	19.9	23.4	26.9	30.1	32.5	34.0	34.5	34.4
45	0.91	0.90	1.09	1.36	1.89	3.04	4.84	6.80	8.85	11.3	13.2	15.5	17.7	20.1	22.4	24.4	25.8	26.5	26.7
50	0.88	0.98	1.15	1.47	2.02	3.18	4.80	6.55	8.39	10.2	12.1	13.7	14.9	16.1	17.2	18.2	18.7	18.8	18.7
55	0.90	0.90	1.02	1.20	1.50	1.99	2.93	4.18	5.65	7.18	8.64	10.2	11.3	12.2	13.2	13.9	14.5	14.8	14.9
60	0.90	0.96	1.08	1.25	1.51	1.88	2.47	3.53	4.74	5.92	7.05	8.00	8.83	9.52	10.1	10.5	10.9	11.0	11.0
65	0.87	0.91	0.98	1.08	1.23	1.43	1.72	2.21	2.90	3.64	4.38	5.13	5.83	6.41	6.92	7.28	7.57	7.74	7.78
70	0.91	0.93	0.99	1.07	1.17	1.31	1.48	1.70	1.96	2.24	2.63	3.13	3.56	3.95	4.23	4.42	4.53	4.56	4.55
75	0.86	0.89	0.92	0.96	1.03	1.10	1.19	1.30	1.45	1.61	1.79	2.04	2.29	2.51	2.71	2.84	2.92	2.96	2.96
80	0.88	0.89	0.91	0.93	0.96	0.98	1.03	1.09	1.14	1.18	1.23	1.26	1.30	1.34	1.36	1.38	1.37	1.36	1.37
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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

H(h) Range:-90 - 90DEG  
H(h) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-10-31

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.19V I:0.0482A P:4.7530W PF:0.4569 Freq:50.00Hz Lamp Flux:177.297x1 lm		
NAME: 6842	TYPE:	WEIGHT:200g
SPEC.:5W	DIM.: $\phi 65 \times 75 \text{mm}$	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:12°

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
-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
-85	0.00	0.00	0.00	0.00	0.00	0.00	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	1.50	1.47	1.45	1.41	1.35	1.29	1.24	1.18	1.12	1.08	1.02	0.98	0.94	0.91	0.88	0.87	0.85	0.80
-75	3.37	3.35	3.26	3.11	2.89	2.64	2.37	2.06	1.76	1.52	1.35	1.23	1.12	1.05	0.97	0.92	0.87	0.85
-70	5.23	5.11	4.92	4.59	4.14	3.68	3.14	2.56	2.07	1.76	1.53	1.35	1.21	1.09	0.99	0.91	0.87	0.86
-65	8.42	8.30	8.00	7.54	6.96	6.31	5.61	4.83	4.00	3.24	2.57	1.97	1.57	1.33	1.15	1.02	0.91	0.87
-60	11.5	11.1	10.6	9.84	9.01	8.13	7.16	6.08	4.97	3.91	2.84	2.06	1.63	1.34	1.15	0.98	0.88	0.88
-55	16.6	16.2	15.4	14.3	12.9	11.5	10.3	8.97	7.47	6.05	4.74	3.49	2.44	1.72	1.35	1.11	0.94	0.86
-50	21.3	20.4	19.0	17.2	15.1	13.4	11.8	10.1	8.21	6.60	5.08	3.61	2.31	1.61	1.24	1.01	0.85	0.84
-45	27.0	26.3	25.2	23.6	21.4	18.8	16.0	13.6	11.3	9.35	7.38	5.53	3.84	2.41	1.59	1.20	0.96	0.85
-40	31.9	31.0	29.7	27.5	24.7	21.0	17.1	14.3	11.9	9.89	7.40	5.41	3.56	2.09	1.43	1.08	0.85	0.89
-35	35.6	34.8	33.7	32.8	31.2	27.8	23.5	19.1	15.4	12.7	10.2	7.64	5.38	3.39	1.94	1.33	1.01	0.86
-30	38.4	37.3	36.6	36.6	34.0	29.7	24.5	19.2	15.5	12.5	9.99	7.07	4.78	2.72	1.63	1.17	0.87	0.88
-25	53.4	48.8	44.1	40.8	38.2	35.7	32.1	26.0	20.0	15.7	12.6	9.72	6.76	4.36	2.38	1.46	1.07	0.87
-20	63.2	54.5	47.0	42.0	39.2	38.5	32.5	25.2	18.9	15.0	11.9	8.64	5.83	3.41	1.80	1.22	0.88	0.84
-15	170	118	74.4	53.0	44.2	40.5	38.8	32.4	24.4	18.2	14.3	11.2	7.83	5.09	2.75	1.57	1.12	0.90
-10	216	124	71.2	52.1	43.8	41.0	38.1	30.0	21.7	16.4	12.9	9.77	6.44	3.83	1.94	1.31	0.93	0.92
-5	473	237	119	67.1	50.1	43.0	41.7	36.1	27.4	19.7	15.2	11.9	8.45	5.49	2.98	1.64	1.17	0.94
0	429	187	93.3	57.9	46.6	42.2	40.4	31.8	23.0	17.1	13.3	10.3	6.73	4.03	2.02	1.32	0.97	0.96
5	420	211	111	65.6	50.2	43.6	42.5	36.1	27.2	19.7	15.2	11.9	8.48	5.50	2.98	1.63	1.16	0.93
10	142	96.6	64.6	51.4	44.5	43.3	38.6	29.7	21.6	16.4	12.9	9.88	6.49	3.82	1.94	1.27	0.91	0.90
15	112	89.2	65.2	51.7	45.6	43.1	39.8	32.1	24.1	18.2	14.3	11.3	7.94	5.13	2.74	1.55	1.10	0.88
20	56.5	52.1	47.1	43.5	43.3	40.0	32.3	24.6	18.9	14.9	12.0	8.84	5.91	3.42	1.78	1.22	0.87	0.87
25	49.7	48.1	46.0	43.4	40.8	38.0	32.3	25.4	19.7	15.7	12.7	9.96	6.93	4.41	2.35	1.44	1.05	0.87
30	41.2	41.7	41.9	40.1	35.4	29.7	23.7	18.9	15.4	12.8	10.4	7.31	4.86	2.70	1.60	1.15	0.87	0.87
35	37.6	37.3	36.8	35.1	31.8	27.2	22.9	18.7	15.5	13.0	10.6	7.95	5.53	3.40	1.92	1.31	0.99	0.85
40	33.7	32.3	30.1	26.6	22.8	19.5	16.8	14.5	12.4	10.5	7.77	5.60	3.59	2.06	1.39	1.06	0.84	0.86
45	26.4	25.6	24.4	22.6	20.2	17.8	15.7	13.8	11.8	9.83	7.83	5.76	3.91	2.41	1.58	1.19	0.95	0.84
50	18.2	17.6	16.8	15.8	14.6	13.4	12.2	10.8	8.80	7.01	5.30	3.68	2.33	1.61	1.24	1.00	0.86	0.85
55	14.7	14.4	14.0	13.3	12.4	11.5	10.4	9.27	7.93	6.35	4.93	3.57	2.45	1.72	1.34	1.09	0.92	0.86
60	10.9	10.7	10.4	9.80	9.07	8.25	7.31	6.23	5.11	3.98	2.87	2.07	1.61	1.32	1.12	0.96	0.86	0.86
65	7.74	7.68	7.52	7.21	6.73	6.17	5.52	4.77	4.01	3.28	2.60	1.99	1.58	1.32	1.14	0.99	0.90	0.87
70	4.52	4.45	4.30	4.08	3.75	3.33	2.83	2.39	2.01	1.76	1.54	1.36	1.22	1.09	0.98	0.91	0.88	0.85
75	2.95	2.94	2.89	2.80	2.65	2.45	2.21	1.94	1.71	1.52	1.38	1.25	1.15	1.06	0.98	0.92	0.89	0.88
80	1.37	1.36	1.37	1.34	1.32	1.29	1.24	1.21	1.16	1.10	1.05	1.01	0.97	0.93	0.90	0.89	0.88	0.88
85	0.00	0.00	0.00	0.00	0.00	0.00	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

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-10-31

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks: