

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		2278.7 cd per klm. 0.0 degrees vertical 1.0 degrees horizontal
Beam Spread	At 10% of Imax	65.0V x 62.7H
	At 50% of Imax	36.3V x 35.6H
	At 90% of Imax	15.5V x 14.8H
Beam Flux	Total	999.8 lumens per klm.
	To 10% of Imax	876.1 lumens per klm.
	To 50% of Imax	497.4 lumens per klm.
	To 90% of Imax	104.6 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

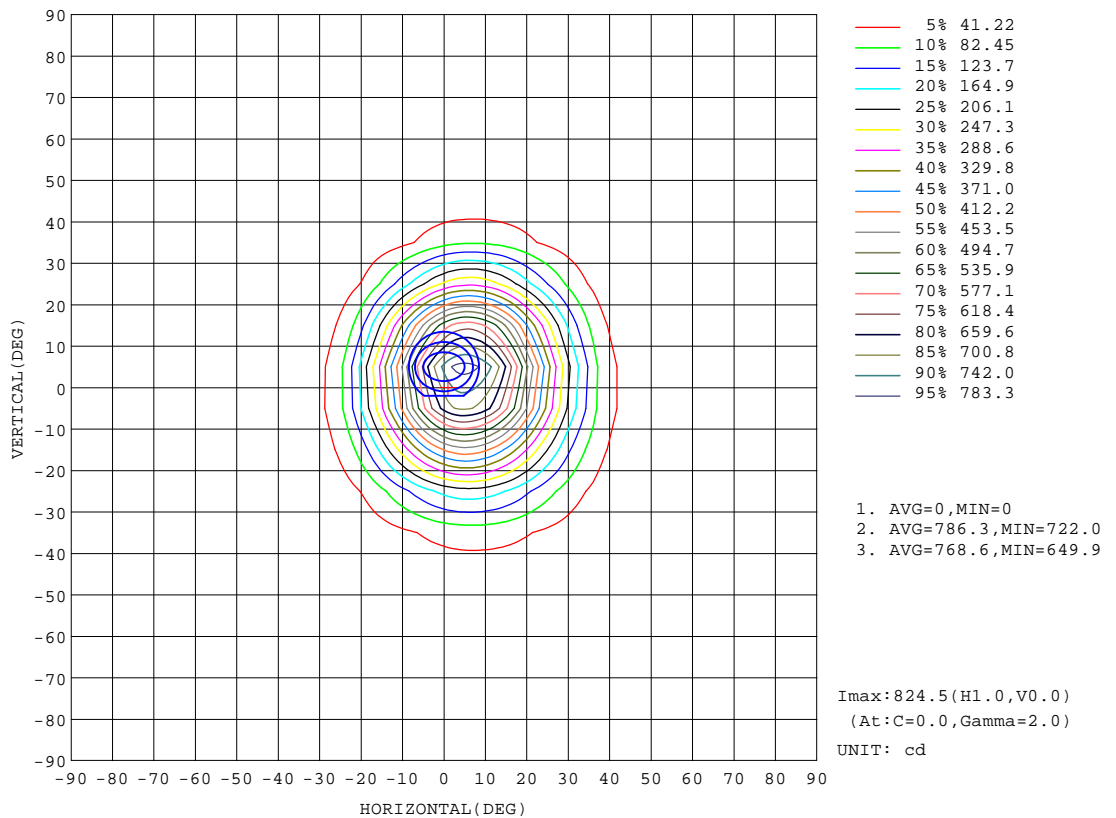
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:NORDECOR  
Test Date:2024-11-10

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:220.20V I:0.0633A P:6.5207W PF:0.4675 Freq:50.00Hz Lamp Flux:361.828x1 lm		
NAME: 6855	TYPE:	WEIGHT:176g
SPEC.:6W	DIM.: 8.4*3.6*7.1cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

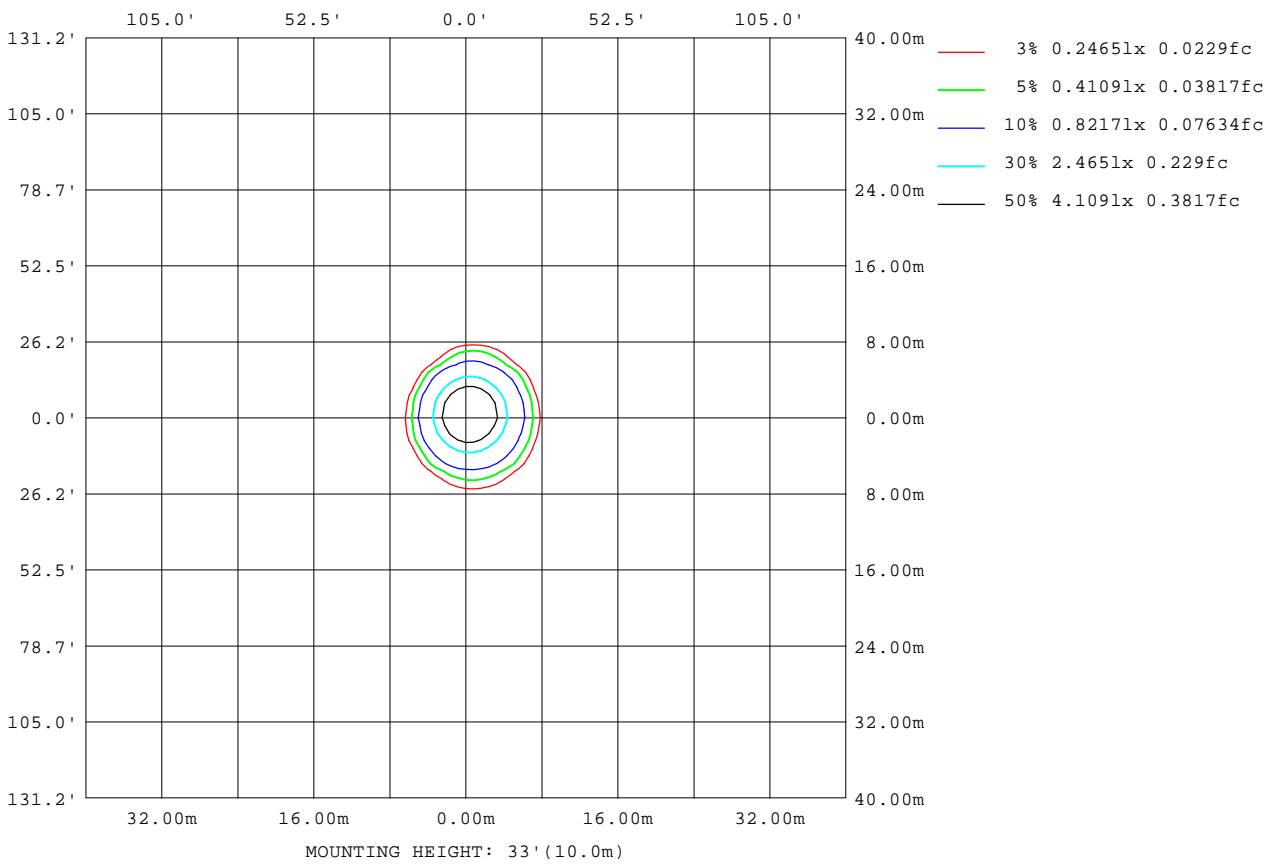


H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:NORDECOR  
Test Date:2024-11-10

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

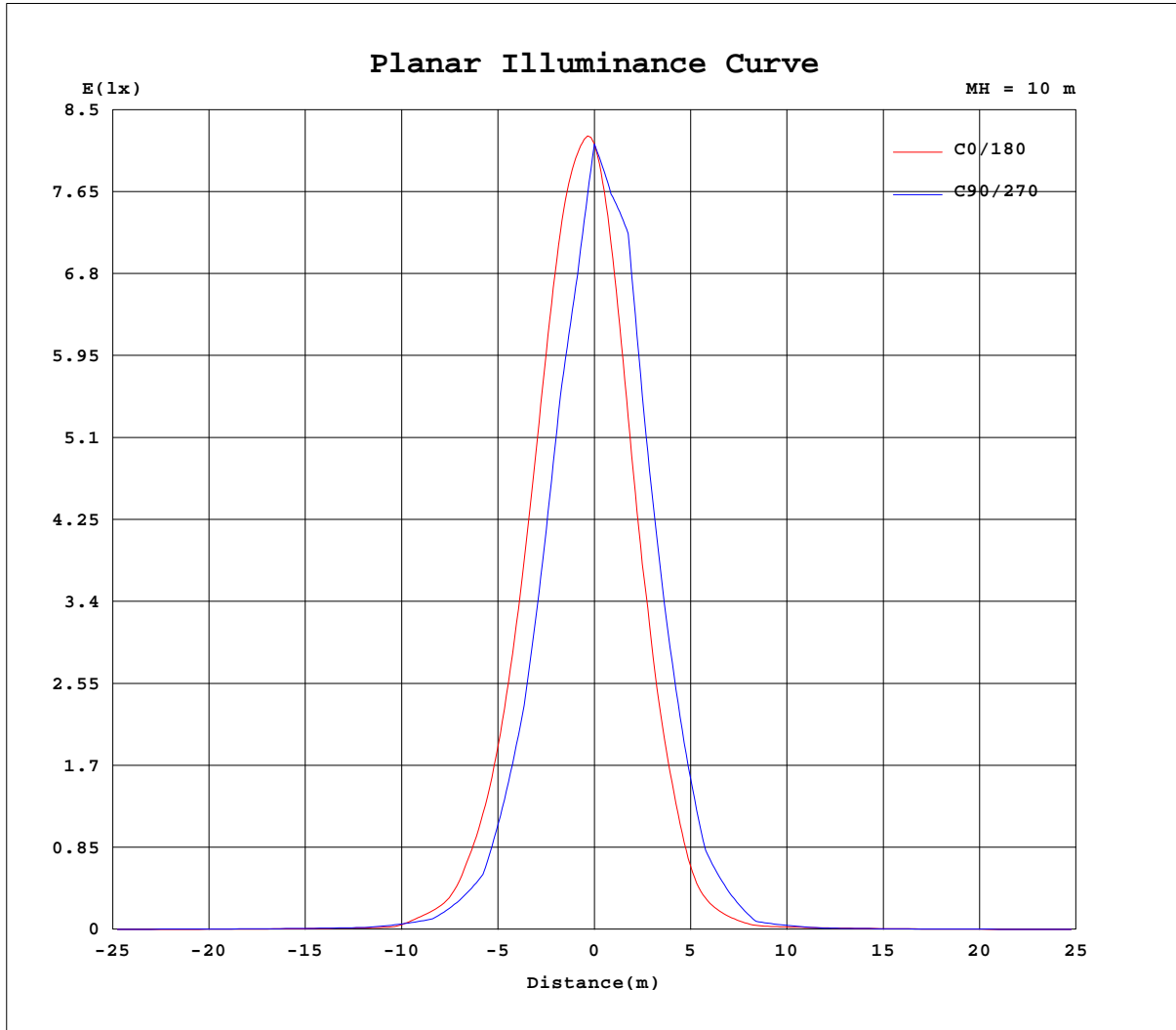
Test:U:220.20V I:0.0633A P:6.5207W PF:0.4675 Freq:50.00Hz Lamp Flux:361.828x1 lm		
NAME: 6855	TYPE:	WEIGHT:176g
SPEC.:6W	DIM.: 8.4*3.6*7.1cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:NORDECOR  
 Test Date:2024-11-10

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



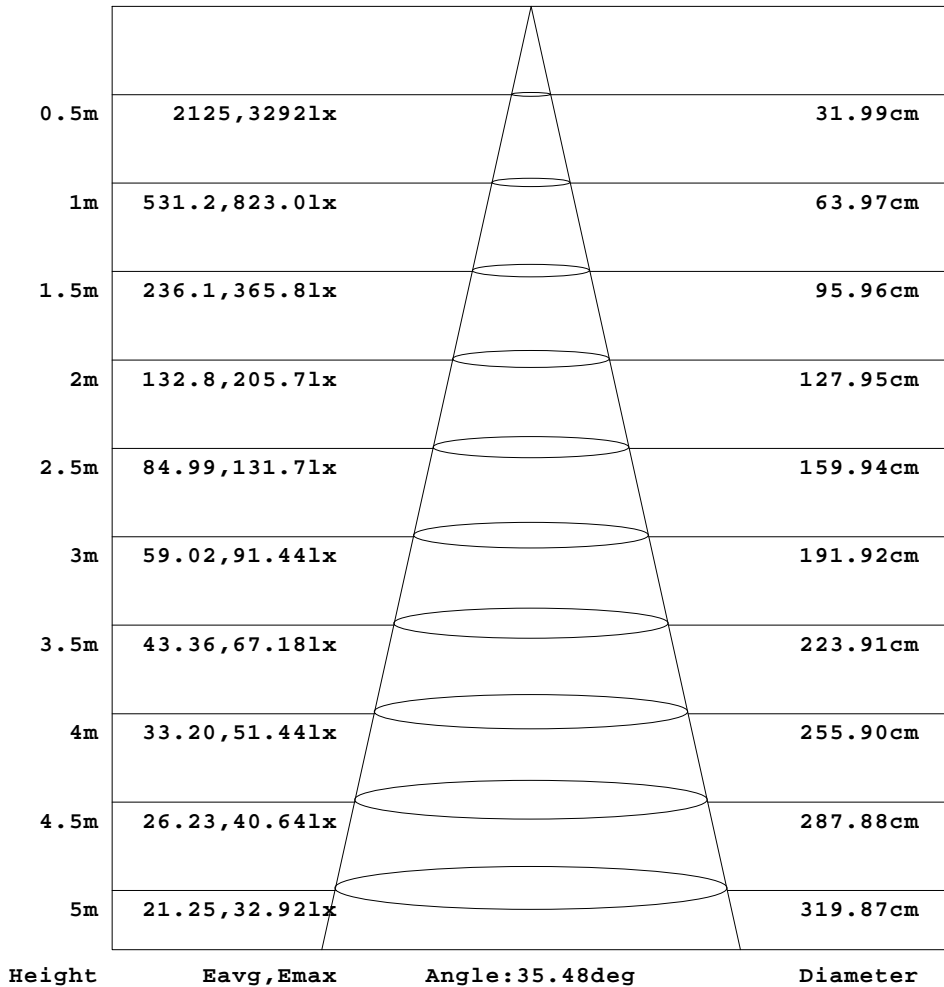
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:NORDECOR  
 Test Date:2024-11-10

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:220.20V I:0.0633A P:6.5207W PF:0.4675 Freq:50.00Hz Lamp Flux:361.828x1 lm		
NAME: 6855	TYPE:	WEIGHT:176g
SPEC.:6W	DIM.: 8.4*3.6*7.1cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

Flux out:176.2 lm



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: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:NORDECOR  
Test Date:2024-11-10

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:220.20V I:0.0633A P:6.5207W PF:0.4675 Freq:50.00Hz Lamp Flux:361.828x1 lm		
NAME: 6855	TYPE:	WEIGHT:176g
SPEC.:6W	DIM.: 8.4*3.6*7.1cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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	0.90	0.92	0.94	0.96	0.97	0.94	0.99	1.01	1.01	1.00	1.01	1.02	1.16	1.39	1.71	1.82	1.91	2.00	2.08
-75	0.95	0.96	0.98	1.02	1.01	1.04	1.06	1.06	1.10	1.22	1.42	1.63	1.85	2.10	2.39	2.61	2.78	2.93	3.06
-70	1.00	1.04	1.07	1.10	1.10	1.12	1.14	1.16	1.32	1.66	2.08	2.52	2.82	3.11	3.38	3.62	3.83	4.02	4.17
-65	1.00	1.05	1.09	1.11	1.13	1.14	1.18	1.37	1.65	2.08	2.59	3.03	3.45	3.80	4.15	4.45	4.75	4.98	5.18
-60	1.08	1.10	1.14	1.16	1.17	1.20	1.41	1.87	2.45	3.12	3.62	4.05	4.49	4.90	5.30	5.65	5.95	6.19	6.37
-55	1.10	1.07	1.12	1.13	1.16	1.21	1.45	1.98	2.66	3.28	3.87	4.37	4.86	5.34	5.80	6.20	6.57	6.87	7.10
-50	1.04	1.10	1.12	1.15	1.18	1.49	2.09	2.84	3.61	4.16	4.72	5.26	5.81	6.31	6.79	7.21	7.57	7.85	8.03
-45	1.08	1.07	1.13	1.14	1.17	1.41	1.99	2.76	3.60	4.19	4.77	5.33	5.89	6.43	6.93	7.39	7.78	8.11	8.31
-40	1.08	1.12	1.14	1.17	1.35	1.98	2.88	3.76	4.31	4.91	5.49	6.06	6.63	7.14	7.61	8.04	8.43	8.77	9.06
-35	1.04	1.11	1.14	1.18	1.25	1.79	2.67	3.58	4.31	4.93	5.55	6.09	6.75	7.32	7.85	8.34	8.78	9.18	9.54
-30	1.12	1.16	1.18	1.21	1.63	2.61	3.65	4.39	5.06	5.64	6.24	6.73	7.30	7.83	8.32	8.77	9.18	9.55	9.89
-25	1.11	1.14	1.20	1.25	1.46	2.25	3.38	4.34	5.04	5.73	6.36	7.40	8.14	8.83	9.47	10.07	10.63	11.15	11.64
-20	1.16	1.22	1.27	1.39	2.10	3.25	4.32	5.13	5.87	6.54	7.07	7.85	8.58	9.26	9.90	10.50	11.07	11.61	12.12
-15	1.07	1.17	1.26	1.34	1.70	2.72	3.98	4.94	5.77	6.55	7.19	7.97	8.70	9.38	10.02	10.63	11.21	11.76	12.29
-10	1.17	1.25	1.32	1.50	2.41	3.75	4.85	5.76	6.63	7.36	8.06	8.81	9.51	10.17	10.80	11.40	11.97	12.52	13.05
-5	1.10	1.19	1.29	1.38	1.83	2.97	4.29	5.29	6.20	7.05	7.76	8.51	9.21	9.87	10.50	11.11	11.69	12.25	12.79
0	1.19	1.28	1.36	1.55	2.48	3.83	4.99	5.93	6.83	7.63	8.34	9.09	9.79	10.45	11.08	11.69	12.28	12.85	13.40
5	1.17	1.20	1.29	1.37	1.82	2.95	4.27	5.26	6.17	7.01	7.73	8.48	9.18	9.84	10.47	11.08	11.67	12.24	12.79
10	1.17	1.26	1.33	1.49	2.38	3.69	4.80	5.70	6.55	7.30	8.02	8.76	9.45	10.10	10.72	11.32	11.90	12.47	13.02
15	1.17	1.18	1.26	1.34	1.68	2.66	3.90	4.85	5.67	6.42	7.07	7.75	8.38	8.97	9.53	10.08	10.62	11.15	11.67
20	1.15	1.22	1.30	1.39	2.06	3.15	4.22	5.00	5.72	6.37	6.86	7.30	7.70	8.07	8.42	8.77	9.11	9.44	9.76
25	1.13	1.14	1.21	1.27	1.44	2.20	3.24	4.15	4.84	5.46	6.02	6.64	7.21	7.74	8.23	8.69	9.13	9.55	9.96
30	1.11	1.16	1.21	1.27	1.65	2.46	3.44	4.15	4.72	5.25	5.71	6.09	6.47	6.84	7.19	7.54	7.88	8.21	8.53
35	1.08	1.10	1.16	1.19	1.24	1.70	2.47	3.29	3.92	4.43	4.89	5.32	5.70	6.08	6.44	6.79	7.13	7.46	7.78
40	1.07	1.10	1.14	1.17	1.27	1.81	2.51	3.24	3.74	4.18	4.60	4.98	5.35	5.67	6.01	6.38	6.73	7.07	7.40
45	1.05	1.07	1.11	1.13	1.15	1.30	1.79	2.41	3.02	3.51	3.91	4.30	4.66	5.00	5.30	5.67	6.02	6.36	6.69
50	1.05	1.07	1.10	1.12	1.13	1.31	1.79	2.36	2.91	3.32	3.69	4.05	4.39	4.71	5.01	5.27	5.50	5.67	5.81
55	1.03	1.06	1.08	1.11	1.13	1.14	1.32	1.69	2.16	2.63	3.03	3.38	3.70	4.01	4.31	4.56	4.80	4.98	5.13
60	1.06	1.08	1.10	1.13	1.14	1.14	1.25	1.59	2.00	2.44	2.80	3.10	3.40	3.68	3.92	4.15	4.33	4.49	4.60
65	1.05	1.08	1.09	1.11	1.14	1.15	1.16	1.28	1.47	1.76	2.10	2.40	2.68	2.91	3.12	3.32	3.50	3.65	3.78
70	1.09	1.09	1.12	1.15	1.16	1.16	1.19	1.20	1.26	1.49	1.75	2.04	2.25	2.41	2.57	2.71	2.85	2.99	3.09
75	1.09	1.10	1.11	1.12	1.14	1.15	1.14	1.16	1.19	1.26	1.39	1.53	1.68	1.82	1.94	2.07	2.16	2.27	2.35
80	1.10	1.11	1.12	1.13	1.14	1.12	1.11	1.13	1.10	1.18	1.20	1.21	1.23	1.37	1.49	1.58	1.59	1.64	1.71
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:NORDECOR  
Test Date:2024-11-10

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:220.20V I:0.0633A P:6.5207W PF:0.4675 Freq:50.00Hz Lamp Flux:361.828x1 lm		
NAME: 6855	TYPE:	WEIGHT:176g
SPEC.:6W	DIM.: 8.4*3.6*7.1cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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	2.14	2.08	1.89	1.66	1.43	1.22	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	0.99	0.98	0.96	0.96
-75	3.16	3.22	3.18	2.99	2.70	2.34	1.97	1.68	1.46	1.27	1.15	1.09	1.07	1.05	1.03	1.01	0.99	0.97
-70	4.28	4.34	4.26	3.98	3.54	3.00	2.46	1.99	1.61	1.32	1.16	1.12	1.10	1.06	1.04	1.02	1.00	0.98
-65	5.31	5.39	5.41	5.31	5.04	4.51	3.90	3.23	2.63	2.03	1.59	1.31	1.14	1.08	1.04	1.01	1.01	0.99
-60	6.47	6.51	6.45	6.38	5.88	5.27	4.60	3.74	2.93	2.20	1.64	1.26	1.09	1.02	1.00	1.01	1.01	0.99
-55	7.25	7.30	7.26	7.17	6.95	6.43	5.80	4.99	4.15	3.22	2.40	1.77	1.33	1.10	1.03	1.01	1.02	1.00
-50	8.11	8.09	7.96	7.76	7.42	6.83	6.12	5.25	4.27	3.26	2.36	1.70	1.24	1.06	1.03	1.03	1.01	1.00
-45	17.0	17.2	16.5	15.1	13.0	10.0	7.28	6.25	5.37	4.39	3.35	2.41	1.70	1.22	1.04	1.03	1.02	1.02
-40	26.3	25.6	23.5	20.0	15.2	9.55	7.00	6.24	5.30	4.25	3.17	2.21	1.54	1.11	1.02	1.03	1.01	0.98
-35	59.0	58.5	53.0	44.0	34.0	24.4	16.6	10.7	6.23	5.30	4.25	3.15	2.19	1.51	1.10	1.05	1.05	1.04
-30	92.3	85.8	72.3	55.9	41.0	29.2	19.3	7.79	6.09	5.10	4.01	2.87	1.96	1.33	1.08	1.08	1.06	0.93
-25	190	185	163	131	96.1	63.6	38.2	22.4	8.81	6.10	5.09	3.96	2.81	1.89	1.28	1.13	1.11	1.09
-20	286	261	217	163	112	64.5	37.2	19.3	6.83	5.92	4.84	3.65	2.47	1.64	1.19	1.16	1.13	1.12
-15	440	419	364	288	206	131	73.5	38.1	15.9	6.74	5.80	4.65	3.41	2.28	1.51	1.24	1.21	1.18
-10	579	517	423	313	209	124	60.0	31.5	7.89	6.51	5.42	4.19	2.91	1.91	1.36	1.27	1.23	1.19
-5	707	674	583	453	318	201	112	50.9	24.0	7.14	6.22	5.08	3.82	2.56	1.69	1.33	1.28	1.24
0	808	735	593	429	280	165	76.7	38.2	9.34	6.77	5.71	4.48	3.18	2.06	1.42	1.32	1.27	1.06
5	801	765	656	501	346	216	119	51.3	24.4	7.12	6.20	5.09	3.84	2.60	1.71	1.35	1.30	1.25
10	766	681	538	385	247	145	63.2	32.0	7.71	6.44	5.43	4.24	2.97	1.97	1.38	1.31	1.27	1.23
15	600	574	489	373	259	159	82.2	38.1	16.4	6.57	5.70	4.64	3.46	2.34	1.58	1.28	1.24	1.20
20	419	377	303	223	146	75.3	37.2	19.7	6.46	5.70	4.77	3.65	2.53	1.70	1.24	1.20	1.17	1.05
25	278	269	231	177	123	75.1	39.2	21.1	8.52	5.67	4.84	3.87	2.81	1.93	1.33	1.16	1.13	1.11
30	134	122	94.7	64.5	41.1	27.1	16.7	6.88	5.42	4.68	3.78	2.81	1.97	1.36	1.10	1.08	1.07	1.08
35	76.9	75.9	65.5	49.4	33.5	22.0	14.4	9.05	5.30	4.63	3.84	2.95	2.14	1.49	1.08	1.04	1.04	1.03
40	20.4	19.7	17.7	14.5	10.7	6.96	5.54	5.03	4.41	3.66	2.82	2.09	1.53	1.04	0.95	0.99	0.99	0.96
45	12.9	13.1	12.4	11.1	9.33	7.22	5.49	4.88	4.28	3.62	2.88	2.15	1.60	1.15	0.96	0.96	0.96	0.96
50	5.88	5.89	5.83	5.71	5.45	5.08	4.61	4.04	3.44	2.66	2.06	1.55	1.13	0.96	0.95	0.95	0.94	0.90
55	5.24	5.29	5.28	5.22	5.07	4.75	4.31	3.81	3.22	2.64	2.09	1.58	1.22	1.03	0.98	0.96	0.96	0.94
60	4.67	4.71	4.70	4.63	4.29	3.90	3.43	2.97	2.39	1.90	1.48	1.18	1.01	1.01	0.97	0.99	0.93	1.05
65	3.88	3.95	3.97	3.89	3.71	3.39	3.03	2.63	2.21	1.82	1.49	1.27	1.12	1.07	1.05	1.04	1.03	1.00
70	3.19	3.24	3.18	3.00	2.74	2.45	2.15	1.86	1.57	1.33	1.18	1.15	1.13	1.12	1.09	1.07	1.07	1.02
75	2.43	2.48	2.46	2.36	2.20	2.00	1.82	1.64	1.48	1.34	1.22	1.18	1.17	1.15	1.14	1.13	1.12	1.09
80	1.76	1.72	1.64	1.53	1.41	1.35	1.25	1.24	1.23	1.22	1.21	1.19	1.18	1.16	1.16	1.14	1.14	1.17
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<sub>(h)</sub> Range:-90 - 90DEG  
H<sub>(h)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:NORDECOR  
Test Date:2024-11-10

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: