

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		5558.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	39.7V x 34.4H
	At 50% of Imax	21.4V x 18.4H
	At 90% of Imax	11.6V x 7.2H
Beam Flux	Total	990.7 lumens per klm.
	To 10% of Imax	696.9 lumens per klm.
	To 50% of Imax	403.9 lumens per klm.
	To 90% of Imax	81.6 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.1 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

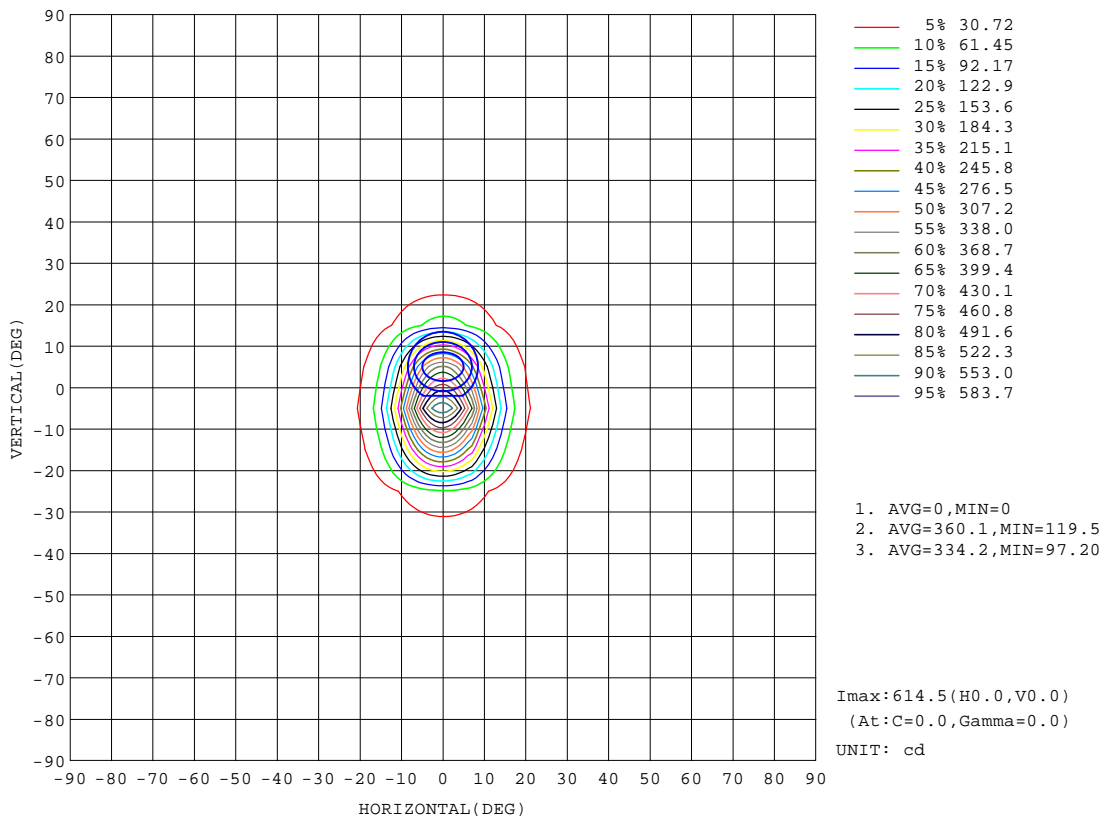
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:NORDECOR  
Test Date:2024-11-12

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:220.16V I:0.0485A P:5.0494W PF:0.4730 Freq:50.00Hz Lamp Flux:110.553x1 lm		
NAME: 6450 15°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: $\phi$ 7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:15°

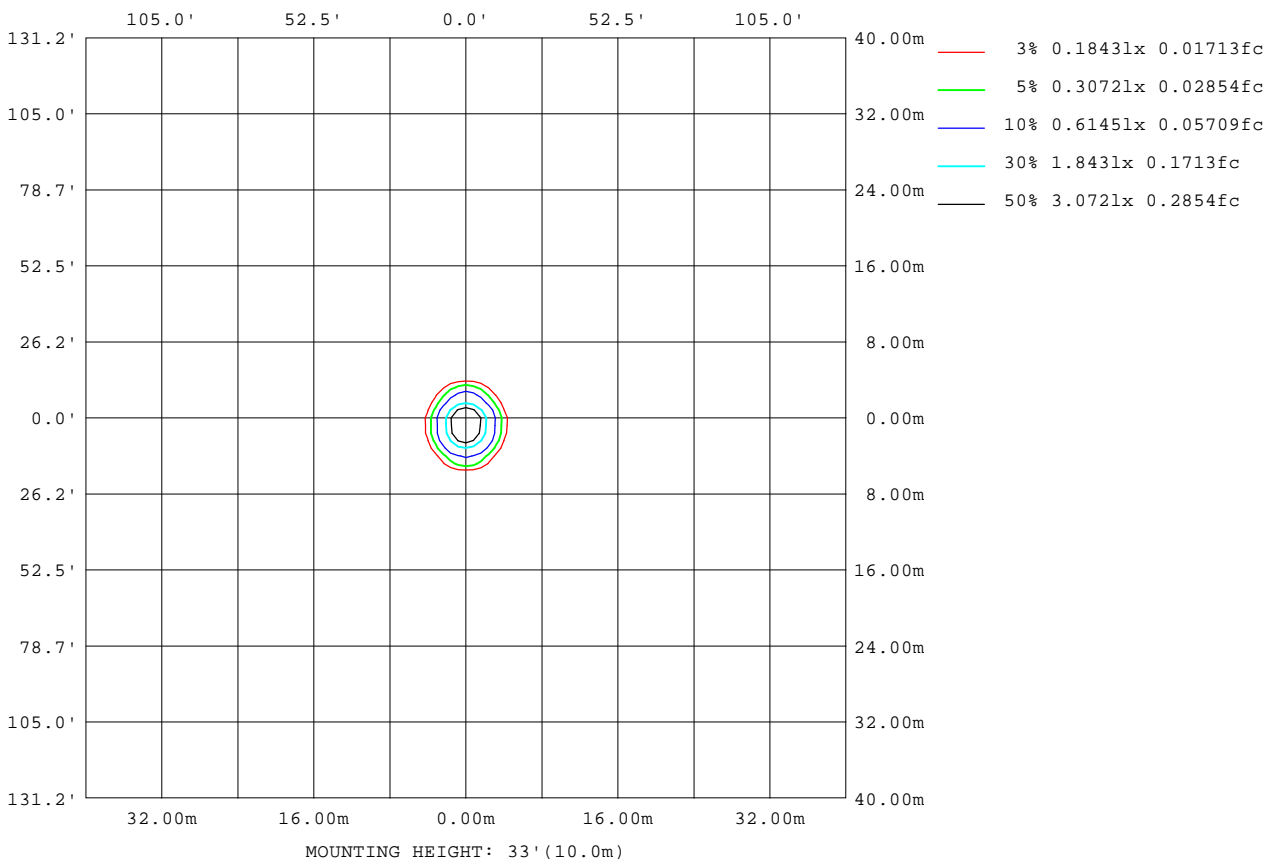


H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:NORDECOR  
 Test Date:2024-11-12

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

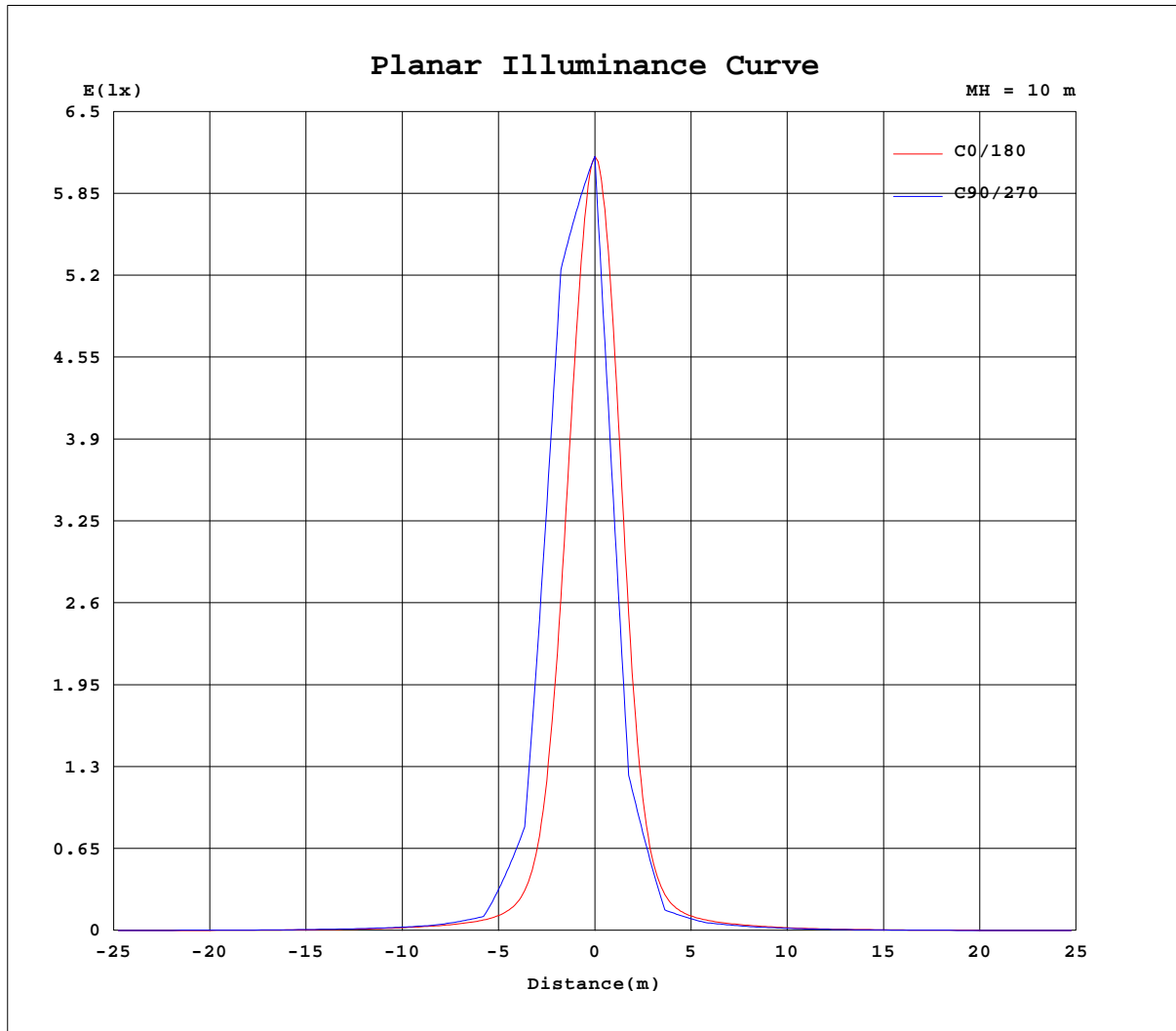
Test:U:220.16V I:0.0485A P:5.0494W PF:0.4730 Freq:50.00Hz Lamp Flux:110.553x1 lm		
NAME: 6450 15°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: $\phi$ 7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:15°



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:NORDECOR  
Test Date:2024-11-12

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



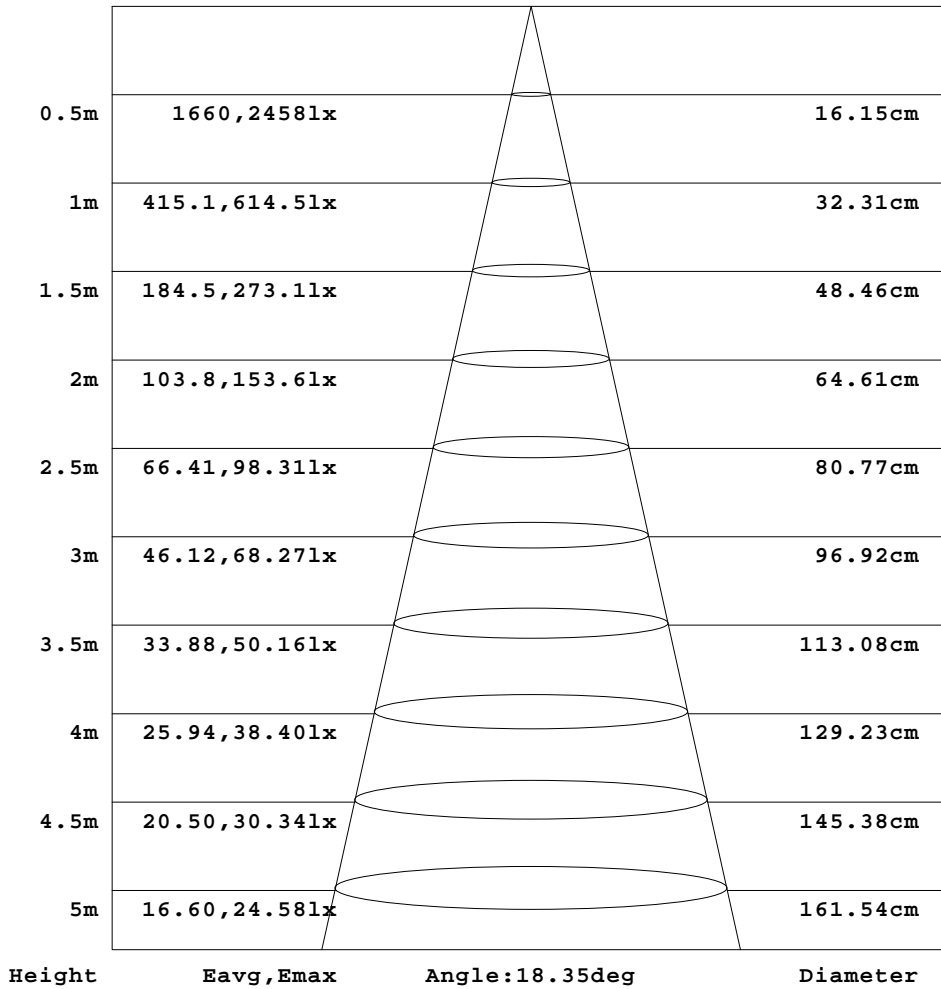
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:NORDECOR  
 Test Date:2024-11-12

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:220.16V I:0.0485A P:5.0494W PF:0.4730 Freq:50.00Hz Lamp Flux:110.553x1 lm		
NAME: 6450 15°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: $\phi$ 7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:15°

Flux out:36.52 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:NORDECOR  
 Test Date:2024-11-12

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:220.16V I:0.0485A P:5.0494W PF:0.4730 Freq:50.00Hz Lamp Flux:110.553x1 lm		
NAME: 6450 15°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: $\phi$ 7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:15°

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	0.77	0.77	0.82	0.86	0.91	0.95	0.99	1.05	1.10	1.14	1.20	1.25	1.30	1.33	1.38	1.40	1.43	1.45	1.46
-75	0.78	0.79	0.86	0.92	0.98	1.05	1.12	1.22	1.29	1.37	1.47	1.55	1.64	1.72	1.79	1.85	1.90	1.93	1.95
-70	0.79	0.82	0.90	0.98	1.05	1.15	1.26	1.39	1.49	1.60	1.73	1.85	1.98	2.10	2.20	2.29	2.37	2.41	2.44
-65	0.78	0.81	0.90	1.01	1.11	1.25	1.37	1.53	1.69	1.87	2.06	2.26	2.47	2.68	2.86	3.03	3.17	3.25	3.29
-60	0.76	0.80	0.90	1.04	1.17	1.34	1.48	1.67	1.89	2.14	2.39	2.66	2.96	3.25	3.53	3.76	3.96	4.09	4.14
-55	0.77	0.82	0.94	1.09	1.25	1.44	1.63	1.87	2.14	2.45	2.81	3.17	3.56	3.96	4.34	4.68	4.98	5.18	5.26
-50	0.77	0.84	0.99	1.14	1.33	1.55	1.79	2.07	2.39	2.77	3.22	3.69	4.16	4.66	5.15	5.60	6.00	6.27	6.38
-45	0.78	0.86	1.03	1.21	1.42	1.67	1.96	2.31	2.72	3.18	3.70	4.28	4.95	5.67	6.32	6.93	7.44	7.79	7.92
-40	0.80	0.89	1.07	1.28	1.52	1.80	2.14	2.54	3.05	3.59	4.18	4.88	5.74	6.68	7.49	8.25	8.88	9.30	9.47
-35	0.80	0.90	1.09	1.34	1.61	1.94	2.33	2.87	3.46	4.10	4.89	5.85	6.85	7.87	9.05	10.5	11.9	12.9	13.4
-30	0.79	0.91	1.12	1.39	1.70	2.08	2.52	3.19	3.88	4.62	5.60	6.83	7.96	9.07	10.6	12.7	15.0	16.6	17.4
-25	0.80	0.93	1.15	1.43	1.77	2.19	2.73	3.45	4.22	5.15	6.43	7.79	9.19	11.0	14.3	20.8	33.0	49.4	58.4
-20	0.80	0.95	1.18	1.47	1.84	2.30	2.94	3.72	4.57	5.68	7.26	8.74	10.4	13.0	17.9	28.8	51.1	82.2	99.4
-15	0.81	0.94	1.18	1.49	1.88	2.36	3.06	3.88	4.81	6.12	7.80	9.48	11.7	15.6	25.8	58.2	148	272	324
-10	0.81	0.94	1.19	1.50	1.91	2.43	3.17	4.05	5.05	6.57	8.34	10.2	12.9	18.2	33.7	87.5	245	461	549
-5	0.81	0.94	1.19	1.50	1.91	2.43	3.17	4.03	5.04	6.55	8.35	10.3	13.0	18.4	34.1	90.1	254	484	582
0	0.81	0.94	1.19	1.51	1.90	2.43	3.16	4.01	5.03	6.54	8.36	10.3	13.1	18.5	34.6	92.6	264	507	614
5	0.81	0.93	1.16	1.49	1.87	2.38	3.07	3.89	4.84	6.19	7.91	9.69	12.0	16.1	27.1	62.9	163	306	372
10	0.80	0.92	1.14	1.47	1.84	2.32	2.98	3.77	4.65	5.85	7.46	9.06	10.9	13.7	19.6	33.3	62.9	105	129
15	0.80	0.92	1.14	1.44	1.78	2.22	2.80	3.51	4.30	5.28	6.64	8.09	9.65	11.7	15.5	23.5	39.6	62.1	74.5
20	0.79	0.92	1.14	1.40	1.71	2.12	2.62	3.26	3.95	4.72	5.82	7.13	8.42	9.75	11.4	13.6	16.3	18.8	19.8
25	0.79	0.91	1.11	1.35	1.63	1.98	2.41	2.94	3.55	4.22	5.07	6.10	7.26	8.42	9.68	11.2	12.8	14.3	14.8
30	0.79	0.89	1.07	1.30	1.54	1.85	2.20	2.62	3.14	3.71	4.33	5.07	6.11	7.09	7.99	8.79	9.37	9.73	9.82
35	0.78	0.88	1.04	1.24	1.45	1.72	2.01	2.38	2.80	3.27	3.82	4.41	5.16	5.88	6.59	7.27	7.78	8.08	8.17
40	0.78	0.86	1.00	1.18	1.36	1.59	1.83	2.13	2.46	2.83	3.32	3.75	4.21	4.68	5.18	5.75	6.18	6.43	6.51
45	0.77	0.85	0.97	1.13	1.30	1.49	1.69	1.94	2.21	2.51	2.88	3.23	3.60	3.97	4.34	4.72	5.02	5.18	5.24
50	0.76	0.83	0.94	1.08	1.24	1.39	1.55	1.75	1.97	2.19	2.44	2.70	2.98	3.25	3.50	3.69	3.85	3.93	3.98
55	0.78	0.82	0.92	1.03	1.16	1.29	1.43	1.59	1.75	1.93	2.11	2.30	2.50	2.69	2.86	3.01	3.12	3.19	3.21
60	0.79	0.81	0.90	0.98	1.09	1.18	1.31	1.43	1.53	1.66	1.78	1.90	2.02	2.13	2.23	2.33	2.40	2.45	2.45
65	0.79	0.80	0.88	0.94	1.01	1.10	1.19	1.27	1.36	1.43	1.53	1.62	1.71	1.78	1.85	1.91	1.95	1.99	2.00
70	0.80	0.79	0.86	0.90	0.94	1.01	1.07	1.12	1.18	1.20	1.27	1.33	1.39	1.43	1.47	1.49	1.51	1.53	1.55
75	0.80	0.79	0.84	0.86	0.89	0.92	0.96	0.99	1.03	1.05	1.09	1.13	1.16	1.19	1.21	1.21	1.22	1.24	1.24
80	0.80	0.79	0.82	0.82	0.84	0.83	0.84	0.86	0.87	0.90	0.91	0.92	0.93	0.95	0.95	0.94	0.93	0.95	0.94
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:2024-11-12

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:220.16V I:0.0485A P:5.0494W PF:0.4730 Freq:50.00Hz Lamp Flux:110.553x1 lm		
NAME: 6450 15°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: Φ7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:15°

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	1.47	1.44	1.44	1.41	1.37	1.34	1.28	1.24	1.21	1.15	1.10	1.04	1.00	0.96	0.90	0.85	0.78	0.75
-75	1.95	1.91	1.88	1.83	1.75	1.69	1.59	1.51	1.43	1.35	1.26	1.17	1.10	1.02	0.95	0.89	0.78	0.75
-70	2.43	2.38	2.32	2.25	2.13	2.03	1.90	1.77	1.66	1.55	1.42	1.30	1.19	1.08	1.00	0.92	0.79	0.76
-65	3.26	3.18	3.06	2.91	2.72	2.53	2.32	2.11	1.93	1.76	1.59	1.43	1.30	1.16	1.04	0.94	0.80	0.75
-60	4.09	3.98	3.80	3.58	3.32	3.03	2.73	2.45	2.20	1.97	1.76	1.57	1.41	1.24	1.08	0.96	0.82	0.75
-55	5.20	5.01	4.74	4.39	4.03	3.64	3.26	2.88	2.53	2.22	1.94	1.70	1.50	1.30	1.12	0.98	0.82	0.74
-50	6.30	6.05	5.67	5.21	4.73	4.24	3.78	3.30	2.86	2.46	2.12	1.84	1.59	1.37	1.17	1.00	0.83	0.74
-45	7.82	7.50	7.00	6.40	5.78	5.12	4.44	3.83	3.28	2.80	2.36	2.01	1.71	1.45	1.24	1.04	0.86	0.75
-40	9.34	8.94	8.32	7.59	6.82	6.00	5.10	4.36	3.71	3.13	2.60	2.18	1.83	1.54	1.31	1.08	0.89	0.76
-35	12.9	11.8	10.4	9.11	8.00	6.99	6.00	5.04	4.19	3.51	2.91	2.38	1.96	1.63	1.35	1.11	0.91	0.76
-30	16.5	14.6	12.4	10.6	9.19	7.98	6.91	5.73	4.68	3.89	3.22	2.58	2.10	1.71	1.40	1.15	0.92	0.77
-25	50.5	34.0	21.0	14.3	11.0	9.15	7.72	6.44	5.22	4.25	3.48	2.78	2.22	1.79	1.45	1.17	0.94	0.78
-20	84.5	53.3	29.5	17.9	12.9	10.3	8.52	7.16	5.76	4.61	3.74	2.98	2.33	1.87	1.50	1.19	0.96	0.78
-15	265	149	62.0	26.5	15.7	11.5	9.16	7.55	6.12	4.81	3.88	3.08	2.39	1.90	1.53	1.22	1.00	0.81
-10	446	245	94.4	35.0	18.4	12.8	9.79	7.95	6.48	5.01	4.02	3.18	2.46	1.94	1.56	1.26	1.04	0.84
-5	473	261	99.9	36.6	18.9	12.9	9.88	8.05	6.51	5.03	4.03	3.19	2.46	1.94	1.55	1.26	1.03	0.84
0	500	276	105	38.3	19.3	13.1	9.98	8.14	6.54	5.04	4.05	3.21	2.46	1.95	1.55	1.26	1.03	0.85
5	304	171	70.4	29.4	16.8	12.0	9.45	7.77	6.16	4.85	3.93	3.09	2.38	1.87	1.49	1.21	0.99	0.82
10	109	66.6	35.3	20.5	14.2	11.0	8.92	7.41	5.79	4.66	3.81	2.97	2.30	1.80	1.44	1.17	0.94	0.80
15	63.9	41.7	24.7	16.1	12.1	9.79	8.15	6.69	5.26	4.30	3.53	2.79	2.21	1.77	1.42	1.15	0.93	0.78
20	19.0	16.9	14.0	11.7	9.93	8.61	7.38	5.98	4.74	3.95	3.25	2.61	2.12	1.73	1.41	1.13	0.92	0.76
25	14.4	13.2	11.4	9.89	8.63	7.49	6.31	5.18	4.25	3.56	2.94	2.41	1.99	1.65	1.36	1.11	0.91	0.76
30	9.75	9.46	8.85	8.12	7.33	6.37	5.25	4.38	3.76	3.16	2.64	2.21	1.86	1.56	1.31	1.09	0.90	0.76
35	8.10	7.85	7.35	6.71	6.03	5.32	4.53	3.87	3.34	2.84	2.40	2.04	1.73	1.47	1.25	1.05	0.87	0.75
40	6.45	6.24	5.84	5.29	4.74	4.28	3.82	3.37	2.92	2.51	2.16	1.87	1.60	1.37	1.19	1.00	0.84	0.74
45	5.20	5.05	4.77	4.41	4.01	3.65	3.27	2.91	2.57	2.25	1.97	1.73	1.51	1.31	1.14	0.98	0.83	0.74
50	3.95	3.86	3.71	3.52	3.28	3.02	2.73	2.46	2.22	1.99	1.78	1.59	1.41	1.24	1.09	0.96	0.82	0.75
55	3.20	3.13	3.03	2.89	2.73	2.54	2.34	2.14	1.96	1.78	1.61	1.47	1.31	1.17	1.05	0.93	0.81	0.76
60	2.45	2.41	2.35	2.25	2.17	2.07	1.95	1.82	1.70	1.57	1.45	1.35	1.22	1.11	1.01	0.91	0.80	0.78
65	1.99	1.97	1.93	1.87	1.81	1.73	1.66	1.57	1.49	1.39	1.30	1.22	1.13	1.04	0.97	0.89	0.81	0.78
70	1.53	1.52	1.50	1.48	1.46	1.40	1.37	1.32	1.27	1.21	1.16	1.10	1.04	0.98	0.92	0.88	0.81	0.79
75	1.23	1.23	1.22	1.21	1.20	1.18	1.16	1.13	1.10	1.06	1.03	1.00	0.96	0.92	0.89	0.86	0.81	0.80
80	0.93	0.94	0.94	0.94	0.94	0.96	0.96	0.95	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.81	0.80
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:NORDECOR  
Test Date:2024-11-12

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: