

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

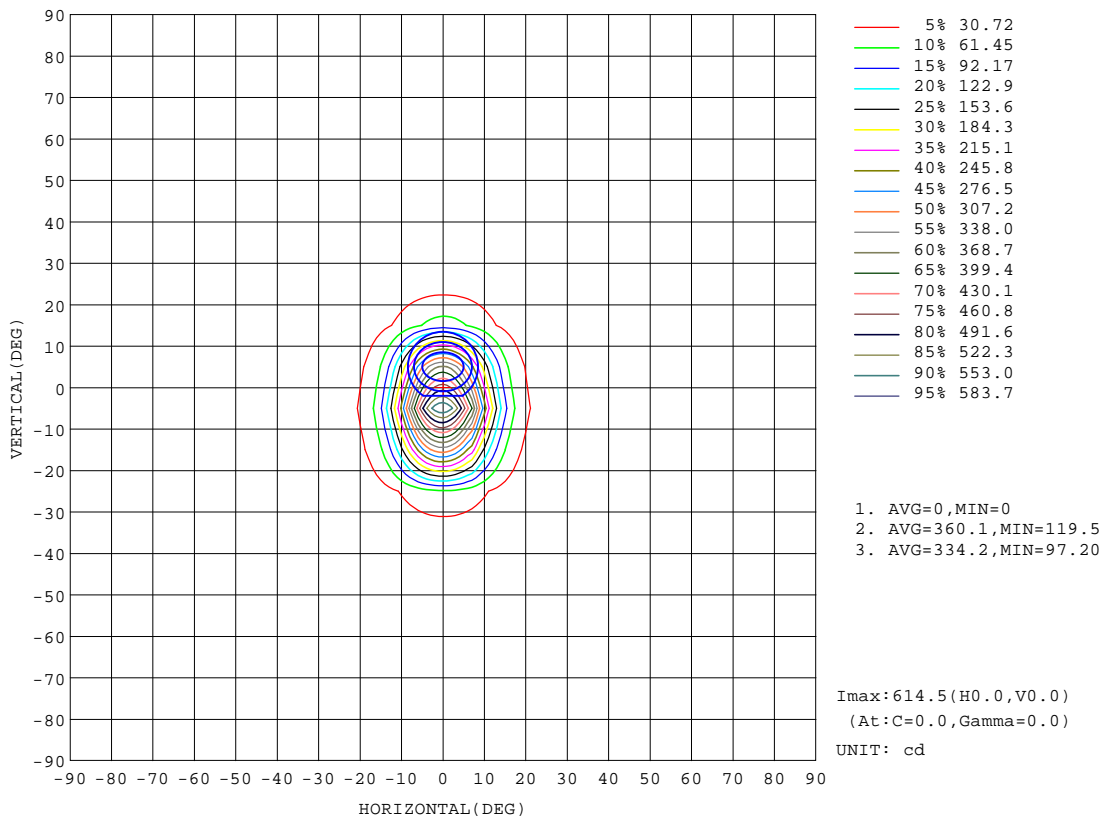
Maximum Intensity (Luminaire orientation as tested.)		5558.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	39.7V x 34.4H
	At 50% of Imax	21.4V x 18.4H
	At 90% of Imax	11.6V x 7.2H
Beam Flux	Total	990.7 lumens per klm.
	To 10% of Imax	696.9 lumens per klm.
	To 50% 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(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:

ISOCANDELA DIAGRAM

Test:U:220.16V I:0.0485A P:5.0494W PF:0.4730 Freq:50.00Hz Lamp Flux:110.553x1 lm		
NAME: 6451 15°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: Φ7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:15°

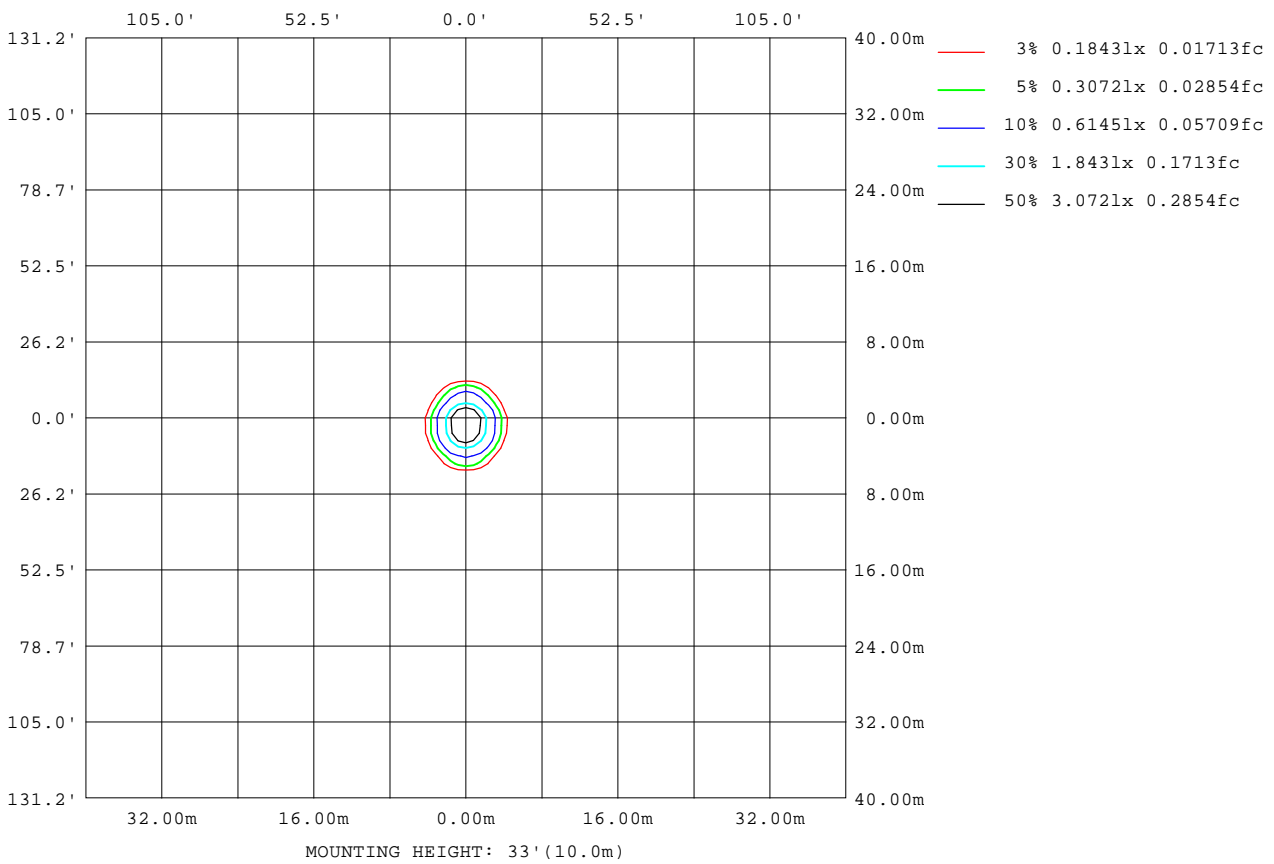


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-11-12

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:

ISOLUX DIAGRAM

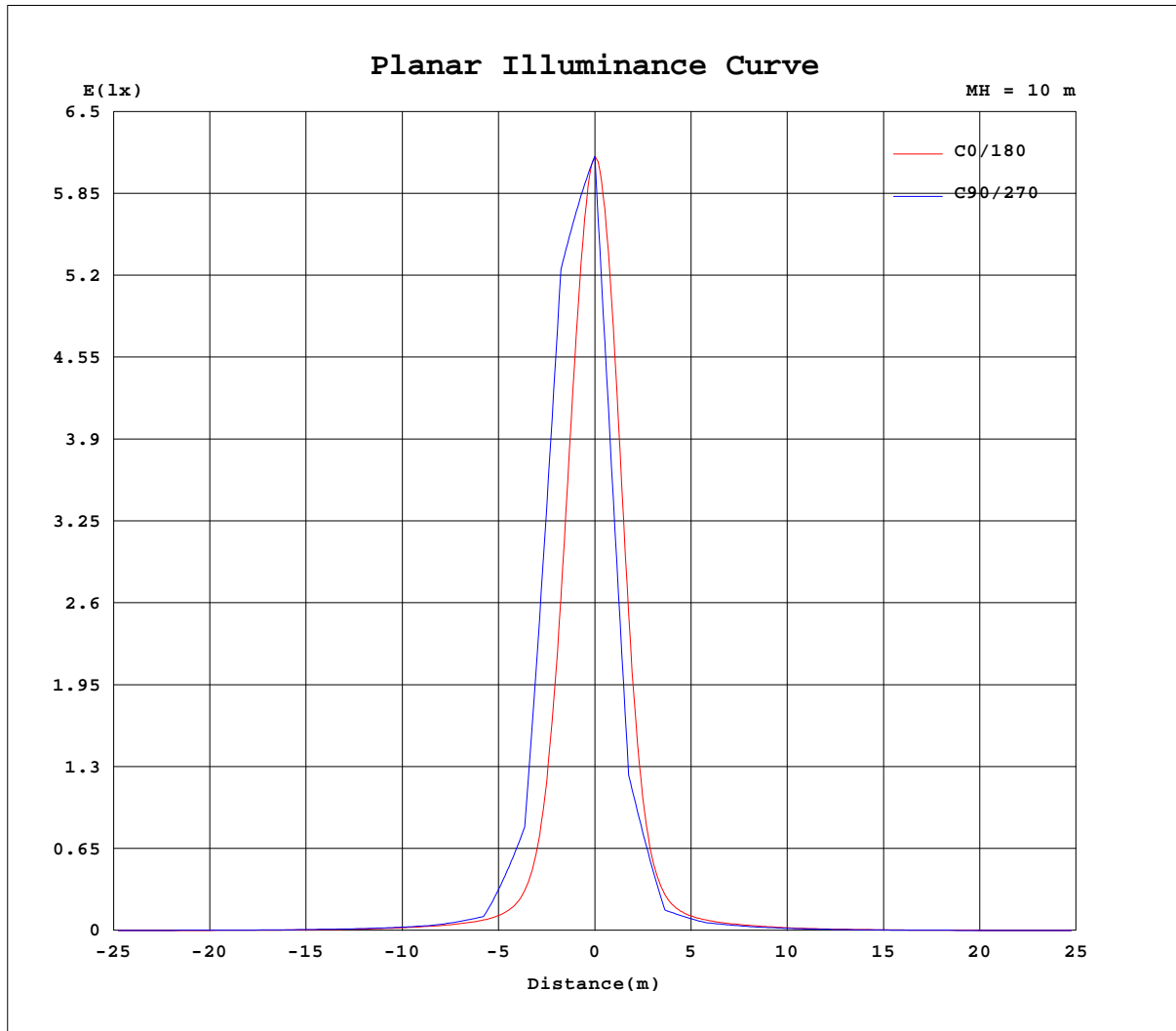
Test:U:220.16V I:0.0485A P:5.0494W PF:0.4730 Freq:50.00Hz Lamp Flux:110.553x1 lm		
NAME: 6451 15°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: ϕ 7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:15°



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:

Planar Illuminance Curve



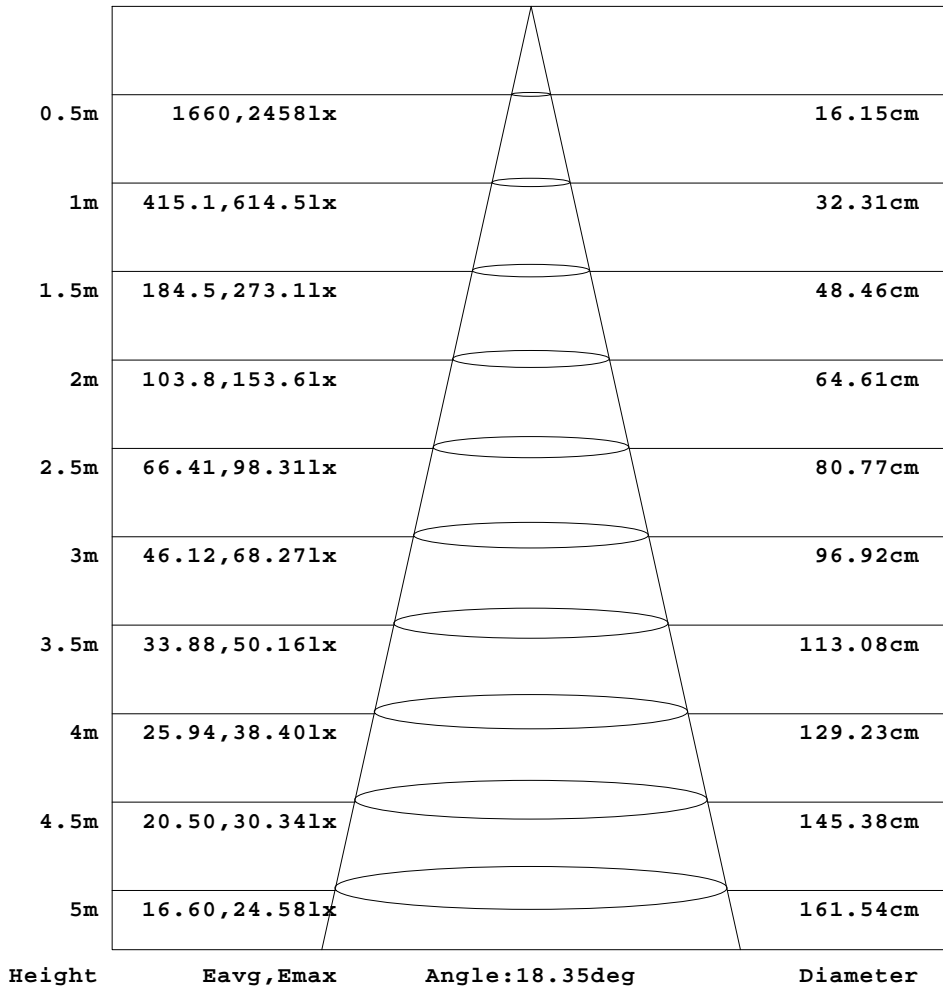
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-11-12

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:

AAI Figure

Test:U:220.16V I:0.0485A P:5.0494W PF:0.4730 Freq:50.00Hz Lamp Flux:110.553x1 lm		
NAME: 6451 15°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: ϕ 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(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:

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: 6451 15°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: ϕ 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: 6451 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: