

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

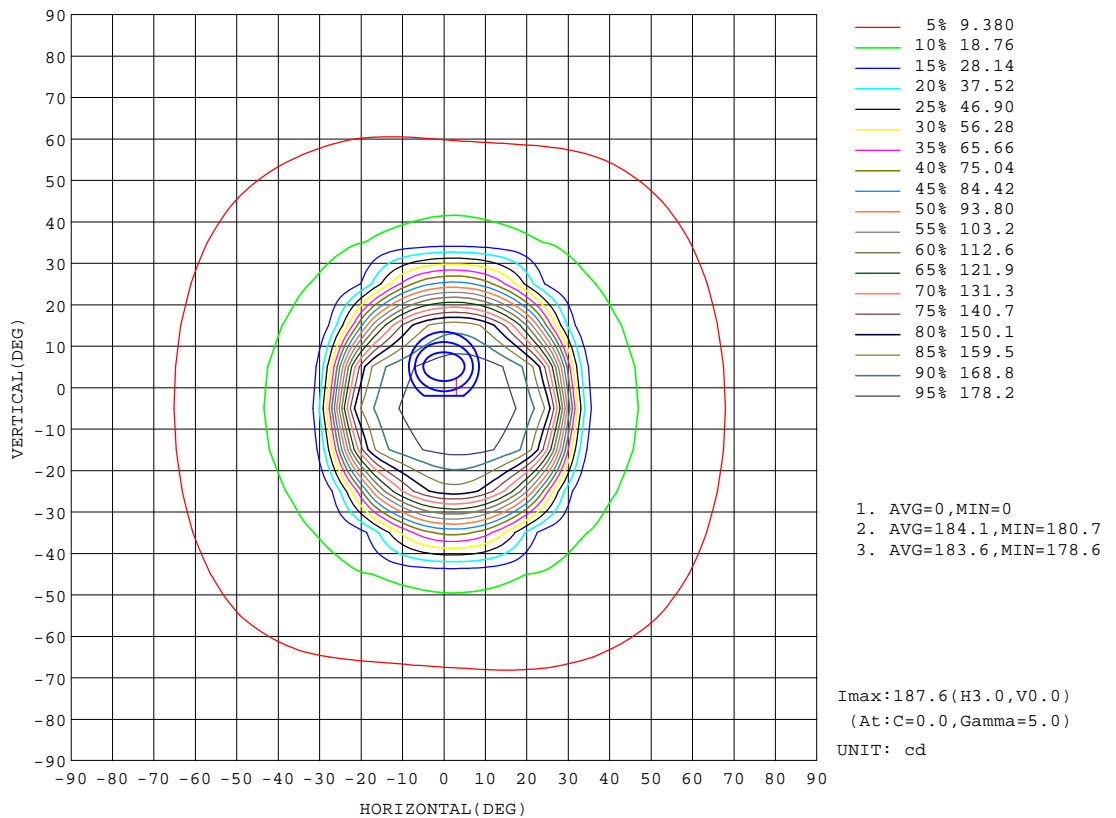
Maximum Intensity (Luminaire orientation as tested.)		988.9 cd per klm. 0.0 degrees vertical 3.0 degrees horizontal
Beam Spread	At 10% of I _{max}	89.7V x 90.6H
	At 50% of I _{max}	58.3V x 55.9H
	At 90% of I _{max}	36.2V x 39.0H
Beam Flux	Total	996.4 lumens per klm.
	To 10% of I _{max}	805.1 lumens per klm.
	To 50% of I _{max}	618.9 lumens per klm.
	To 90% of I _{max}	318.4 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.6 %
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:220.25V I:0.0485A P:5.0430W PF:0.4725 Freq:50.00Hz Lamp Flux:189.713x1 lm		
NAME: 6450 60°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: ϕ 7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:60°

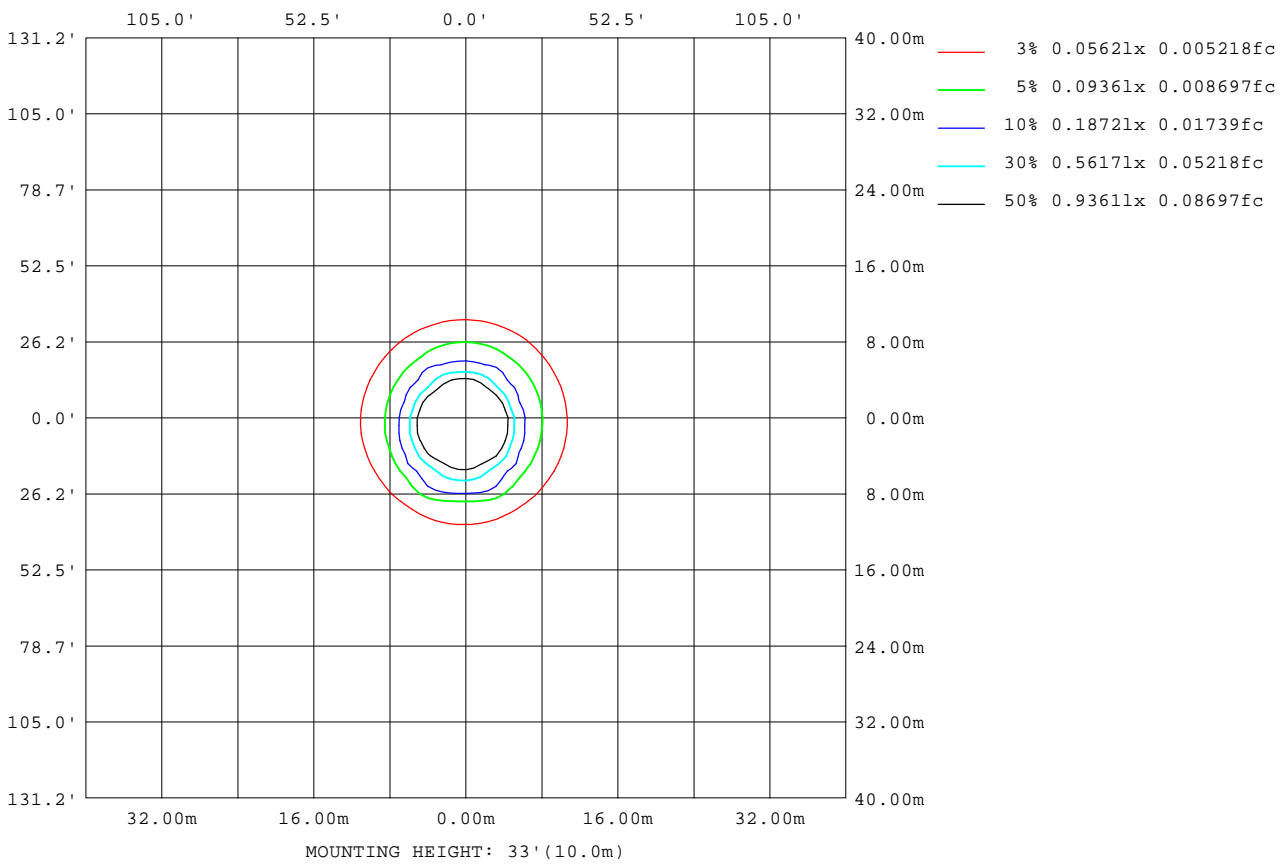


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-11-12

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

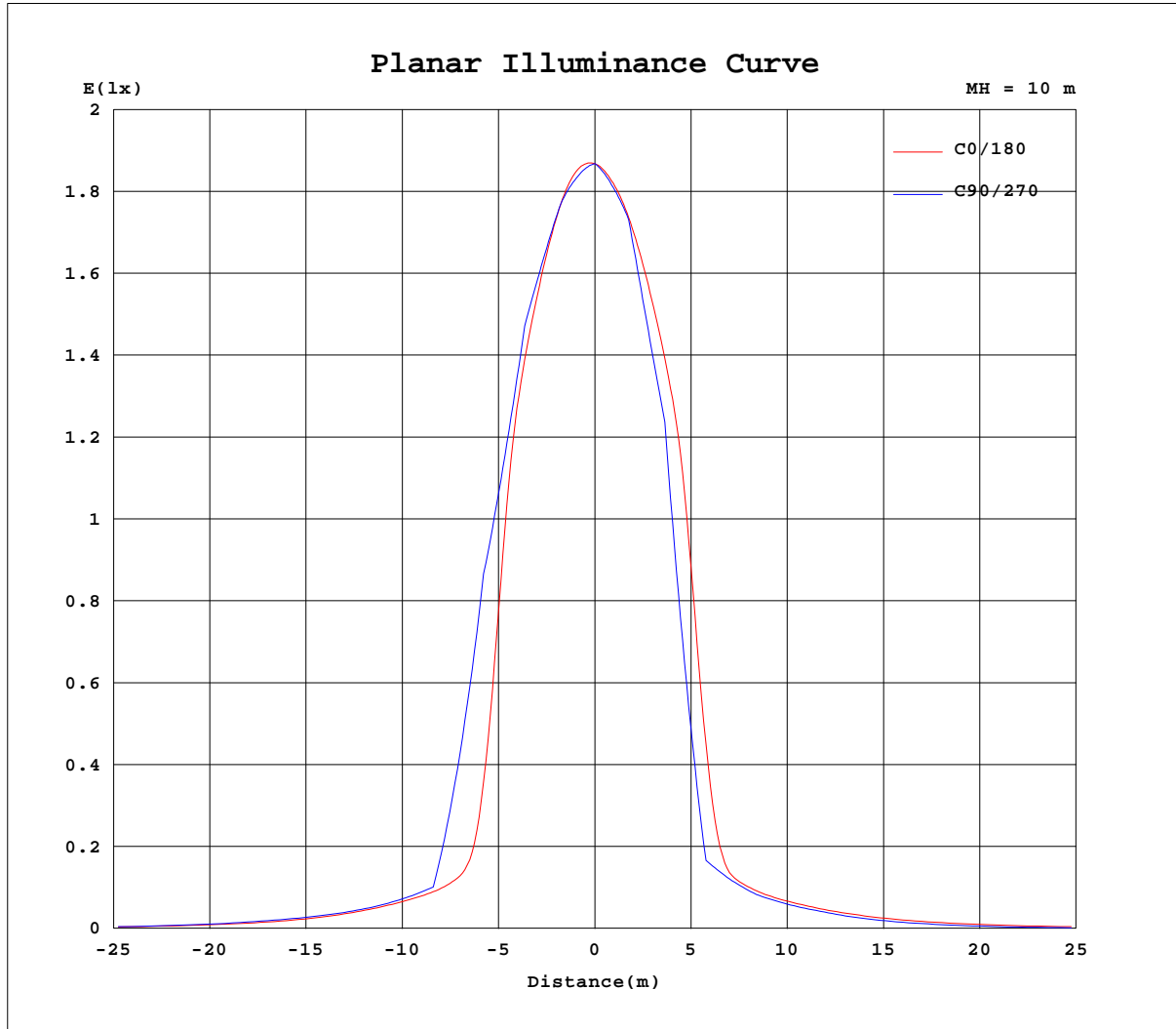
Test:U:220.25V I:0.0485A P:5.0430W PF:0.4725 Freq:50.00Hz Lamp Flux:189.713x1 lm		
NAME: 6450 60°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: ϕ 7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:60°



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



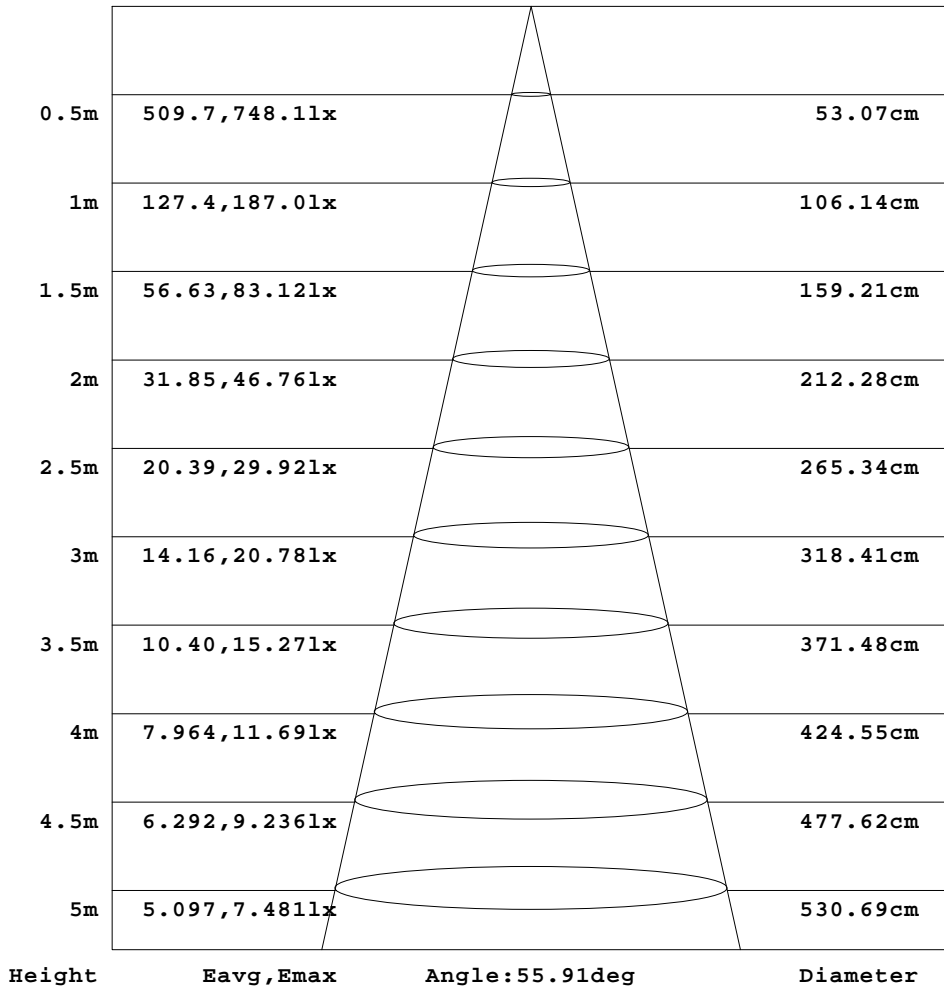
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-11-12

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:220.25V I:0.0485A P:5.0430W PF:0.4725 Freq:50.00Hz Lamp Flux:189.713x1 lm		
NAME: 6450 60°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: ϕ 7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:60°

Flux out:113.2 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:2024-11-12

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:220.25V I:0.0485A P:5.0430W PF:0.4725 Freq:50.00Hz Lamp Flux:189.713x1 lm		
NAME: 6450 60°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: ϕ 7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:60°

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	0.78	0.82	0.84	0.94	1.17	1.42	1.65	1.81	1.89	1.90	1.86	1.77	1.63	1.48	1.31	1.16	1.07	1.11	1.24
-75	0.78	0.79	0.84	1.05	1.44	1.93	2.42	2.85	3.24	3.58	3.86	4.04	4.06	4.04	4.00	3.92	3.94	4.02	4.19
-70	0.79	0.85	1.16	1.77	2.49	3.25	3.89	4.52	5.13	5.71	6.18	6.36	6.46	6.54	6.55	6.69	6.92	7.19	7.50
-65	0.81	0.81	0.97	1.63	2.60	3.53	4.48	5.39	6.29	7.15	7.99	8.70	9.19	9.60	9.94	10.2	10.5	10.8	11.1
-60	0.82	0.95	1.78	3.04	4.20	5.35	6.51	7.70	8.83	9.93	11.0	11.8	12.6	13.2	13.8	14.2	14.6	14.9	14.9
-55	0.84	0.82	1.24	2.47	3.85	5.13	6.46	7.81	9.17	10.5	11.8	12.9	13.9	14.7	15.3	15.8	16.2	16.5	16.7
-50	0.82	1.19	2.57	4.12	5.55	7.04	8.56	10.1	11.6	13.1	14.4	15.6	16.5	17.2	17.7	18.1	18.3	18.4	18.4
-45	0.82	0.83	1.59	3.28	4.85	6.45	8.13	9.84	11.6	13.2	14.7	16.0	16.9	17.8	18.4	19.1	19.7	20.2	20.5
-40	0.84	1.47	3.28	4.95	6.71	8.54	10.4	12.3	14.1	15.7	17.0	18.0	18.7	19.4	20.2	21.1	21.9	22.5	22.6
-35	0.80	0.85	1.94	3.91	5.71	7.62	9.62	11.7	13.7	15.5	16.9	18.0	19.1	20.5	25.0	40.3	58.1	71.1	77.4
-30	0.85	1.74	3.82	5.72	7.75	9.89	12.1	14.2	16.1	17.6	18.7	19.7	21.6	27.3	53.2	88.6	116	131	133
-25	0.84	0.87	2.25	4.38	6.40	8.56	10.8	13.2	15.3	17.1	18.4	19.6	21.9	37.7	73.5	109	132	147	155
-20	0.87	1.95	4.16	6.25	8.48	10.9	13.3	15.6	17.4	18.7	20.0	22.6	43.3	104	153	167	173	176	177
-15	0.89	0.88	2.47	4.68	6.87	9.21	11.7	14.2	16.4	18.0	19.3	21.2	30.9	80.3	138	165	174	178	181
-10	0.87	2.07	4.38	6.59	8.97	11.5	14.0	16.3	18.1	19.4	21.4	30.8	91.4	154	171	178	182	184	186
-5	0.83	0.88	2.54	4.79	7.04	9.45	12.0	14.5	16.7	18.4	19.6	22.0	38.4	108	160	173	179	183	185
0	0.84	2.06	4.35	6.57	8.94	11.5	14.1	16.4	18.1	19.4	21.4	31.2	93.1	155	171	178	183	185	187
5	0.81	0.88	2.50	4.71	6.92	9.28	11.8	14.3	16.5	18.1	19.3	21.4	32.0	86.2	144	167	175	180	183
10	0.86	2.02	4.24	6.36	8.65	11.1	13.5	15.8	17.6	18.9	20.3	23.6	51.5	116	158	169	176	180	181
15	0.84	0.87	2.32	4.44	6.50	8.70	11.0	13.4	15.6	17.3	18.6	19.9	22.8	43.1	82.7	118	142	157	164
20	0.86	1.78	3.85	5.78	7.84	10.0	12.3	14.5	16.4	17.8	18.8	20.0	22.4	32.2	66.0	106	134	147	148
25	0.82	0.85	2.01	3.98	5.81	7.77	9.83	11.9	14.0	15.8	17.2	18.3	19.3	21.0	28.5	47.7	67.5	80.8	86.7
30	0.83	1.53	3.39	5.09	6.89	8.78	10.7	12.7	14.5	16.1	17.4	18.2	18.8	19.5	20.8	22.2	23.7	25.3	25.5
35	0.84	0.83	1.66	3.38	4.97	6.63	8.36	10.1	11.9	13.6	15.1	16.3	17.2	18.0	18.6	19.5	20.3	21.2	22.0
40	0.84	1.24	2.68	4.22	5.70	7.22	8.81	10.4	12.0	13.4	14.8	15.9	16.8	17.4	17.9	18.2	18.4	18.5	18.6
45	0.85	0.83	1.30	2.61	4.01	5.33	6.68	8.08	9.47	10.8	12.1	13.3	14.3	15.1	15.8	16.3	16.6	16.8	17.0
50	0.82	0.99	1.94	3.29	4.43	5.59	6.78	7.98	9.14	10.3	11.3	12.3	13.2	13.9	14.5	14.9	15.2	15.4	15.4
55	0.85	0.83	1.01	1.79	2.87	3.95	4.94	5.93	6.93	7.88	8.80	9.67	10.5	11.2	11.7	12.1	12.3	12.4	12.3
60	0.82	0.87	1.27	2.04	3.04	3.89	4.69	5.48	6.24	6.97	7.67	8.31	8.88	9.37	9.58	9.67	9.60	9.37	9.09
65	0.84	0.83	0.88	1.15	1.69	2.38	3.01	3.65	4.30	4.89	5.46	6.00	6.50	6.94	7.17	7.10	6.90	6.54	6.12
70	0.83	0.87	0.90	1.09	1.45	1.89	2.35	2.85	3.34	3.67	4.13	4.50	4.83	4.92	4.68	4.24	3.64	3.01	2.68
75	0.83	0.83	0.86	0.88	1.02	1.21	1.43	1.67	1.92	2.14	2.36	2.57	2.76	2.91	2.92	2.77	2.51	2.19	1.91
80	0.82	0.84	0.86	0.87	0.88	0.88	0.89	0.90	0.90	0.91	0.94	0.94	0.94	0.93	0.94	0.88	0.88	0.90	0.89
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:220.25V I:0.0485A P:5.0430W PF:0.4725 Freq:50.00Hz Lamp Flux:189.713x1 lm		
NAME: 6450 60°	TYPE:	WEIGHT:150g
SPEC.:5W	DIM.: Φ7.5*7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:60°

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	1.42	1.61	1.77	1.89	1.97	1.98	1.91	1.78	1.59	1.38	1.16	0.93	0.83	0.80	0.80	0.79	0.77	0.74
-75	4.43	4.75	5.00	5.13	5.13	4.94	4.65	4.30	3.89	3.40	2.81	2.16	1.57	1.16	0.87	0.81	0.79	0.76
-70	7.96	8.31	8.45	8.40	8.00	7.45	6.83	6.16	5.42	4.48	3.44	2.42	1.63	1.03	0.82	0.81	0.77	0.76
-65	11.3	11.4	11.4	11.2	10.9	10.3	9.55	8.73	7.84	6.89	5.81	4.69	3.46	2.26	1.31	0.86	0.80	0.76
-60	14.8	14.6	14.1	13.5	12.8	11.9	11.0	9.89	8.76	7.59	6.40	5.01	3.36	1.91	1.02	0.81	0.78	0.78
-55	16.7	16.5	16.3	15.9	15.3	14.6	13.6	12.5	11.2	9.91	8.53	7.15	5.63	3.91	2.21	1.09	0.81	0.77
-50	18.3	18.1	17.8	17.3	16.6	15.7	14.5	13.1	11.6	10.0	8.45	6.88	5.21	3.13	1.50	0.81	0.79	0.77
-45	20.4	20.1	19.5	18.8	18.2	17.5	16.7	15.6	14.2	12.6	10.8	9.08	7.34	5.52	3.33	1.52	0.81	0.78
-40	22.1	21.2	20.0	19.3	18.7	18.1	17.2	15.9	14.2	12.3	10.4	8.48	6.61	4.43	2.10	0.87	0.79	0.78
-35	76.9	69.6	54.9	35.9	23.1	20.0	18.7	17.8	16.5	14.9	12.9	10.8	8.71	6.71	4.41	2.01	0.85	0.80
-30	121	95.6	59.3	30.1	21.9	19.7	18.7	17.7	16.2	14.2	12.0	9.77	7.60	5.41	2.71	1.02	0.83	0.80
-25	154	146	129	104	66.7	32.5	21.1	19.2	18.0	16.5	14.5	12.2	9.85	7.59	5.26	2.48	0.93	0.82
-20	176	171	160	119	54.0	23.9	20.1	18.9	17.5	15.6	13.3	10.9	8.44	6.15	3.28	1.15	0.82	0.86
-15	181	180	175	164	130	66.1	26.2	20.4	18.9	17.5	15.5	13.1	10.6	8.16	5.77	2.80	0.98	0.82
-10	185	182	175	160	105	36.2	21.7	19.5	18.1	16.3	13.9	11.4	8.83	6.42	3.50	1.22	0.84	0.80
-5	187	186	181	173	155	90.9	30.6	21.2	19.3	17.8	15.9	13.4	10.9	8.35	5.93	2.95	0.98	0.82
0	187	184	176	162	109	38.8	22.0	19.6	18.2	16.4	14.0	11.4	8.88	6.46	3.55	1.18	0.82	0.85
5	184	183	177	165	134	70.8	27.5	20.7	19.1	17.6	15.6	13.1	10.6	8.15	5.75	2.81	0.96	0.83
10	179	173	161	124	59.6	25.0	20.5	19.0	17.6	15.7	13.3	10.8	8.39	6.08	3.21	1.14	0.83	0.83
15	164	156	139	112	72.6	35.6	21.8	19.5	18.2	16.7	14.6	12.2	9.87	7.58	5.26	2.45	0.92	0.82
20	138	113	75.9	38.0	23.4	20.5	19.1	17.9	16.4	14.4	12.2	9.88	7.66	5.48	2.74	1.00	0.81	0.82
25	86.4	79.1	64.5	44.2	26.3	20.8	19.1	18.0	16.7	15.0	13.0	10.9	8.78	6.74	4.46	2.01	0.85	0.80
30	24.2	22.6	21.2	19.9	19.2	18.3	17.4	16.1	14.4	12.5	10.5	8.51	6.61	4.46	2.09	0.86	0.78	0.77
35	22.0	21.1	20.3	19.4	18.6	17.9	17.0	15.8	14.4	12.8	11.0	9.18	7.40	5.60	3.39	1.52	0.81	0.78
40	18.5	18.3	18.0	17.6	16.9	16.0	14.7	13.3	11.8	10.2	8.60	7.00	5.37	3.25	1.53	0.81	0.77	0.79
45	16.9	16.8	16.5	16.1	15.6	14.8	13.8	12.7	11.4	10.1	8.67	7.26	5.78	4.07	2.28	1.10	0.79	0.77
50	15.2	14.9	14.4	13.8	13.0	12.2	11.1	10.0	8.89	7.70	6.48	5.19	3.52	1.97	1.02	0.80	0.78	0.79
55	12.2	12.0	11.7	11.4	11.0	10.5	9.86	9.13	8.21	7.24	6.19	5.01	3.71	2.40	1.37	0.86	0.80	0.78
60	8.84	8.63	8.47	8.31	8.10	7.83	7.45	6.76	6.00	5.14	4.01	2.78	1.79	1.10	0.82	0.81	0.78	0.77
65	5.83	5.67	5.62	5.67	5.77	5.81	5.68	5.34	4.70	4.03	3.32	2.54	1.77	1.24	0.92	0.83	0.81	0.80
70	2.55	2.64	2.83	3.20	3.52	3.61	3.42	2.91	2.32	1.81	1.38	1.05	0.86	0.85	0.84	0.82	0.81	0.83
75	1.76	1.70	1.76	1.87	2.07	2.20	2.22	2.09	1.83	1.52	1.26	1.06	0.90	0.83	0.82	0.81	0.79	0.81
80	0.86	0.87	0.86	0.86	0.83	0.84	0.83	0.88	0.81	0.81	0.80	0.80	0.80	0.80	0.80	0.80	0.78	0.79
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: