

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

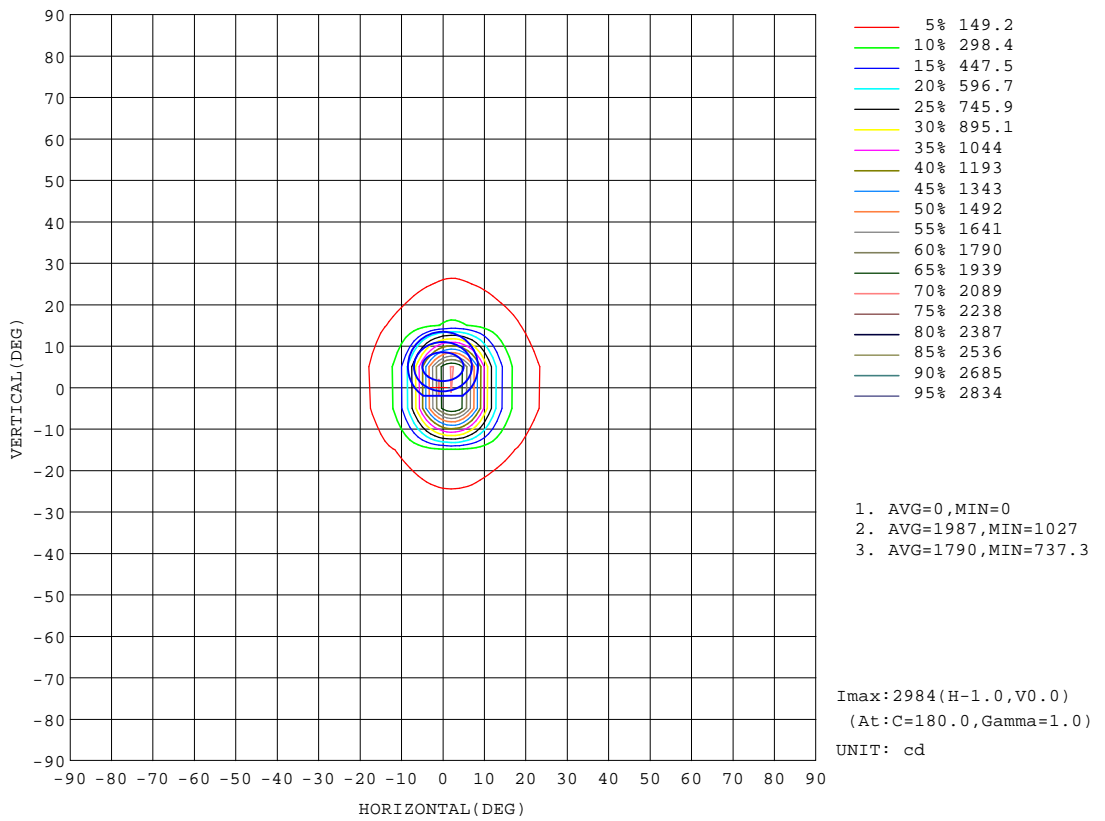
Maximum Intensity (Luminaire orientation as tested.)		7464.2 cd per klm. 0.0 degrees vertical -1.0 degrees horizontal
Beam Spread	At 10% of Imax	30.0V x 31.2H
	At 50% of Imax	16.0V x 15.3H
	At 90% of Imax	4.5V x 5.9H
Beam Flux	Total	987.9 lumens per klm.
	To 10% of Imax	606.6 lumens per klm.
	To 50% of Imax	278.0 lumens per klm.
	To 90% of Imax	24.7 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	98.8 %
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:2025-02-25

V(B) Range:-75 - 75DEG
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:220.26V I:0.0952A P:9.8401W PF:0.4691 Freq:50.00Hz Lamp Flux:399.724x1 lm		
NAME: 6844	TYPE:	WEIGHT:150g
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:

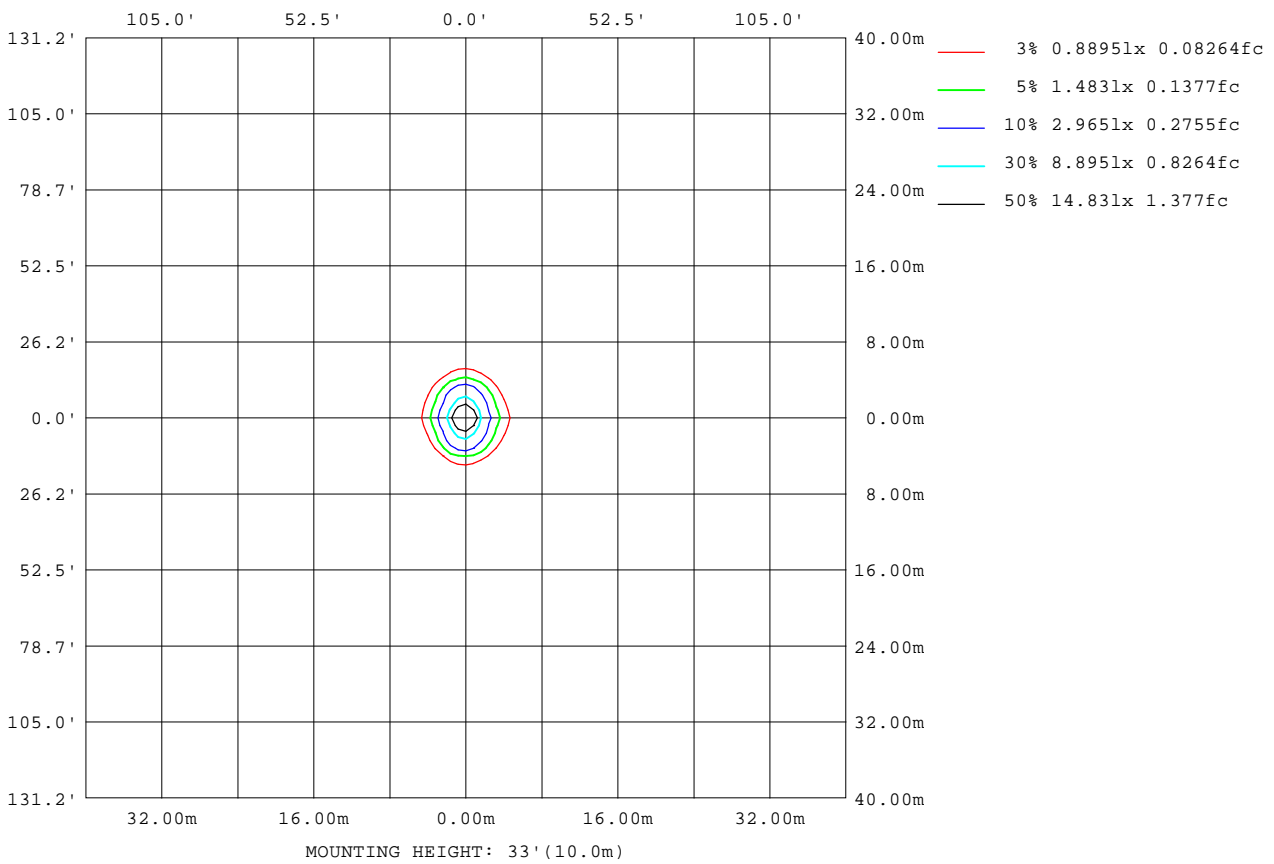


H(h) Range:-90 - 90DEG
 H(h) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-02-25

V(B) Range:-75 - 75DEG
 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

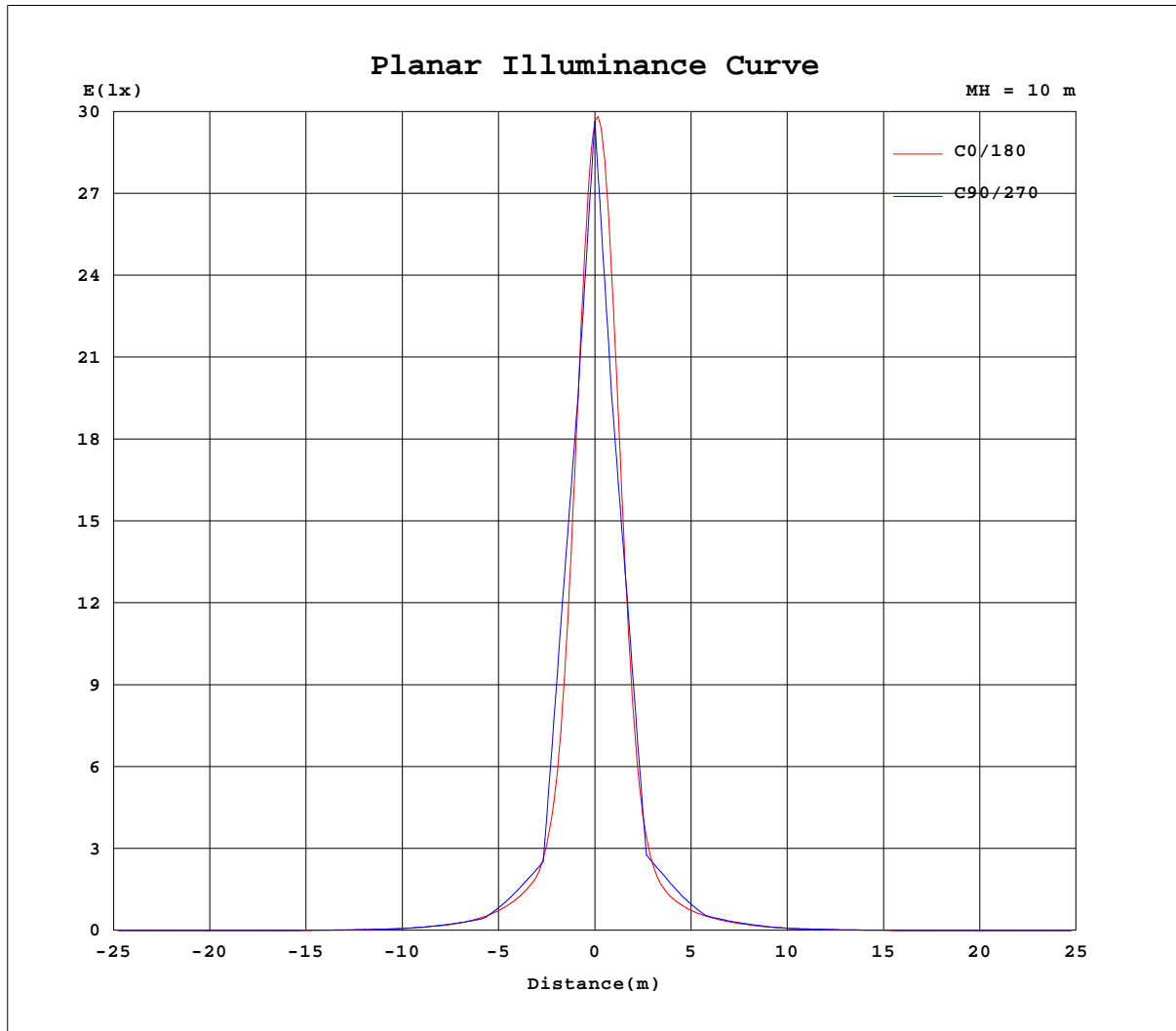
Test:U:220.26V I:0.0952A P:9.8401W PF:0.4691 Freq:50.00Hz Lamp Flux:399.724x1 lm		
NAME: 6844	TYPE:	WEIGHT:150g
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-02-25

V(B) Range:-75 - 75DEG
 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



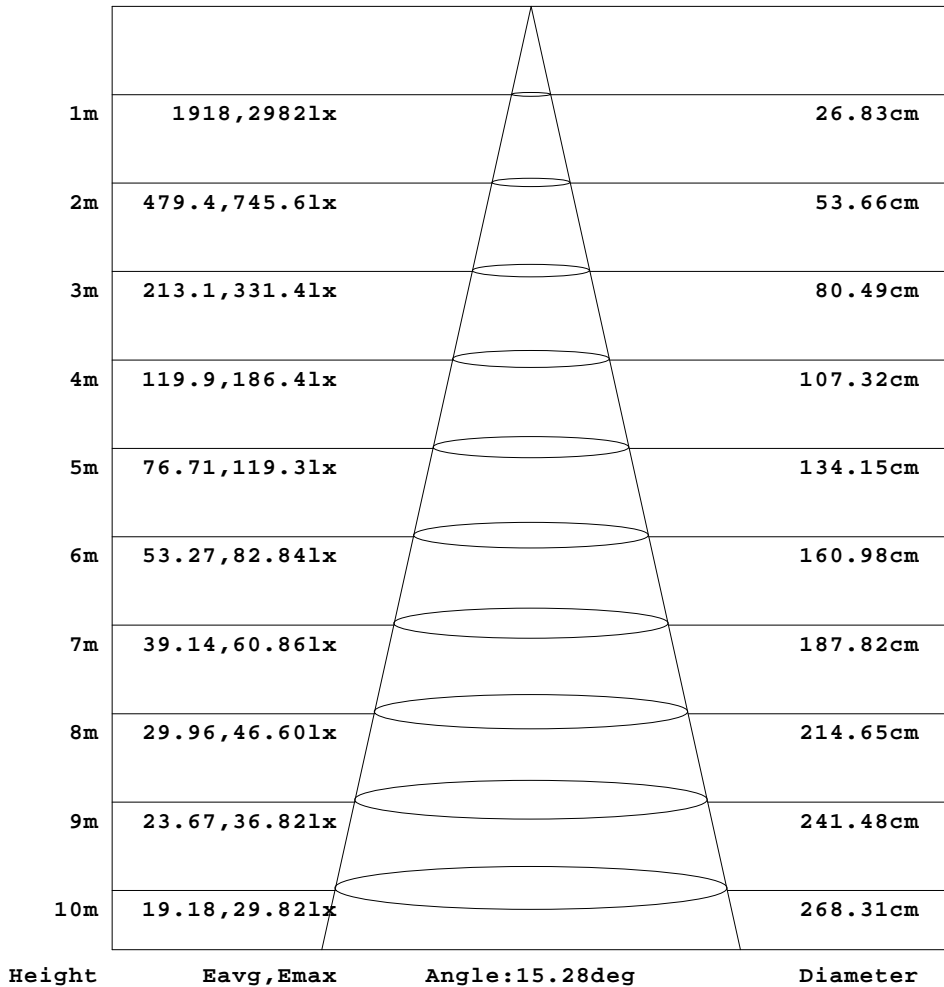
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-02-25

V(B) Range:-75 - 75DEG
 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:220.26V I:0.0952A P:9.8401W PF:0.4691 Freq:50.00Hz Lamp Flux:399.724x1 lm		
NAME: 6844	TYPE:	WEIGHT:150g
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:

Flux out:119.0 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:2025-02-25

V(B) Range:-75 - 75DEG
 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:220.26V I:0.0952A P:9.8401W PF:0.4691 Freq:50.00Hz Lamp Flux:399.724x1 lm		
NAME: 6844	TYPE:	WEIGHT:150g
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	1.03	1.04	1.08	1.09	1.11	1.11	1.14	1.15	1.18	1.20	1.22	1.25	1.28	1.31	1.33	1.36	1.39	1.41	1.43
-70	1.09	1.12	1.14	1.17	1.18	1.21	1.23	1.27	1.31	1.36	1.41	1.49	1.56	1.65	1.74	1.83	1.92	1.99	2.03
-65	1.14	1.16	1.20	1.21	1.25	1.28	1.31	1.35	1.39	1.46	1.54	1.64	1.76	1.89	2.04	2.18	2.34	2.48	2.59
-60	1.20	1.24	1.28	1.31	1.34	1.38	1.42	1.49	1.55	1.65	1.77	1.93	2.11	2.31	2.51	2.72	2.94	3.11	3.22
-55	1.16	1.18	1.22	1.24	1.29	1.33	1.37	1.44	1.53	1.69	2.11	2.72	3.45	4.50	5.81	6.99	7.92	8.62	9.06
-50	1.13	1.16	1.20	1.23	1.27	1.33	1.40	1.50	1.65	2.17	3.17	4.33	5.97	8.24	10.6	12.5	13.7	14.8	15.2
-45	1.08	1.09	1.13	1.17	1.22	1.27	1.33	1.43	1.57	1.87	2.93	4.49	6.37	9.15	12.6	15.8	18.1	19.8	20.8
-40	1.12	1.16	1.21	1.25	1.33	1.43	1.55	1.84	2.87	4.65	7.28	10.3	14.0	18.9	24.7	30.0	34.0	36.3	37.1
-35	1.13	1.15	1.21	1.27	1.36	1.47	1.61	1.80	2.80	5.11	8.30	12.5	17.0	22.2	29.9	37.9	45.3	50.5	52.8
-30	1.17	1.22	1.30	1.38	1.50	1.68	1.87	2.50	5.23	9.11	14.1	19.9	26.1	34.4	44.7	55.3	63.8	67.6	69.0
-25	1.17	1.21	1.29	1.37	1.50	1.68	1.92	2.63	5.24	9.52	15.1	22.4	31.2	41.0	55.5	73.4	93.9	118	139
-20	1.21	1.28	1.38	1.50	1.69	1.96	2.41	5.25	10.2	16.0	24.5	35.2	47.7	63.6	86.9	116	153	198	213
-15	1.19	1.26	1.35	1.46	1.65	1.90	2.27	3.94	8.88	15.1	23.2	34.5	48.9	65.6	89.2	122	164	224	280
-10	1.23	1.31	1.43	1.58	1.82	2.17	3.04	7.39	13.7	21.5	33.2	48.0	66.5	91.1	132	224	507	990	1178
-5	1.18	1.25	1.36	1.50	1.70	2.01	2.46	4.96	10.7	18.0	28.2	43.0	60.9	84.6	121	193	439	1175	1981
0	1.23	1.32	1.45	1.64	1.90	2.31	3.76	8.90	15.9	25.6	40.2	58.4	82.2	117	180	380	1128	2444	2965
5	1.17	1.24	1.35	1.50	1.69	2.00	2.48	5.04	10.6	18.2	28.8	43.8	62.5	88.3	126	198	445	1182	1990
10	1.22	1.30	1.43	1.59	1.84	2.17	3.22	7.41	13.7	22.6	34.4	50.3	71.6	101	142	236	521	1006	1200
15	1.16	1.23	1.33	1.46	1.64	1.88	2.31	4.18	8.74	15.8	25.2	36.7	53.6	76.6	105	138	182	245	308
20	1.19	1.26	1.37	1.49	1.69	1.96	2.60	5.46	10.4	17.6	26.6	39.2	55.8	77.2	100	130	169	219	239
25	1.12	1.18	1.26	1.36	1.48	1.66	1.94	2.82	5.57	10.3	16.9	25.5	37.0	51.6	67.2	84.3	106	134	159
30	1.14	1.20	1.27	1.36	1.47	1.67	1.91	3.03	5.90	10.5	16.7	25.0	34.9	45.1	53.5	63.1	74.7	82.9	84.5
35	1.11	1.13	1.19	1.25	1.33	1.44	1.59	1.88	3.16	5.71	9.82	15.5	22.3	30.1	37.7	44.7	51.9	59.7	64.2
40	1.09	1.13	1.18	1.23	1.28	1.39	1.53	1.98	3.13	5.45	9.38	14.0	18.9	24.6	29.7	34.3	39.2	43.1	44.3
45	1.13	1.08	1.12	1.14	1.17	1.21	1.27	1.38	1.52	2.05	3.90	6.87	9.47	12.1	15.8	18.8	20.6	22.1	23.7
50	1.07	1.10	1.14	1.16	1.18	1.25	1.32	1.41	1.64	2.44	4.33	6.21	7.91	10.4	12.7	14.4	15.4	16.7	17.4
55	1.12	1.10	1.13	1.15	1.18	1.21	1.26	1.33	1.42	1.65	2.33	3.36	4.33	5.37	6.96	8.24	9.06	9.75	10.4
60	1.10	1.12	1.15	1.17	1.20	1.24	1.28	1.33	1.42	1.50	1.58	1.70	1.89	2.31	2.76	3.19	3.45	3.73	3.82
65	1.12	1.12	1.14	1.16	1.19	1.20	1.24	1.28	1.33	1.39	1.45	1.51	1.62	1.78	2.15	2.44	2.67	2.87	3.02
70	1.12	1.14	1.16	1.17	1.20	1.22	1.25	1.28	1.32	1.35	1.41	1.45	1.53	1.68	1.85	2.01	2.10	2.20	2.24
75	1.12	1.13	1.15	1.17	1.20	1.19	1.22	1.23	1.26	1.27	1.29	1.32	1.33	1.36	1.39	1.40	1.43	1.44	1.45
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
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:2025-02-25

V(B) Range:-75 - 75DEG
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:220.26V I:0.0952A P:9.8401W PF:0.4691 Freq:50.00Hz Lamp Flux:399.724x1 lm		
NAME: 6844	TYPE:	WEIGHT:150g
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	1.45	1.43	1.41	1.39	1.37	1.34	1.32	1.27	1.25	1.21	1.17	1.15	1.12	1.11	1.08	1.07	1.04	1.00
-70	2.05	2.02	1.92	1.80	1.68	1.59	1.50	1.43	1.36	1.29	1.24	1.18	1.15	1.12	1.09	1.07	1.03	1.03
-65	2.64	2.64	2.55	2.36	2.13	1.96	1.81	1.67	1.56	1.46	1.36	1.29	1.22	1.17	1.13	1.10	1.07	1.04
-60	3.27	3.19	2.98	2.63	2.35	2.14	1.94	1.78	1.63	1.49	1.39	1.28	1.23	1.18	1.15	1.11	1.06	1.06
-55	9.20	8.90	8.22	7.12	6.26	5.44	4.35	3.23	2.39	1.79	1.51	1.37	1.26	1.18	1.13	1.09	1.06	1.04
-50	14.9	13.9	12.1	10.5	9.25	7.49	5.35	3.63	2.35	1.67	1.46	1.29	1.19	1.13	1.09	1.06	1.01	1.00
-45	21.1	20.2	18.4	15.7	13.8	11.8	8.93	5.93	3.75	2.20	1.61	1.41	1.25	1.14	1.08	1.04	1.02	0.99
-40	36.1	34.0	30.0	25.4	20.9	16.2	12.0	8.12	4.83	2.82	1.85	1.44	1.27	1.17	1.11	1.07	1.02	1.00
-35	52.7	50.5	46.9	40.6	33.6	26.2	20.2	14.9	9.64	5.50	3.08	1.86	1.50	1.32	1.21	1.14	1.10	1.06
-30	66.9	63.4	56.6	47.5	37.2	28.3	21.9	15.3	9.10	4.95	2.58	1.72	1.48	1.31	1.21	1.16	1.10	1.06
-25	137	116	96.8	78.2	61.3	46.1	34.5	25.2	16.4	9.53	5.28	2.76	1.78	1.51	1.34	1.23	1.17	1.12
-20	184	145	115	88.4	66.6	48.6	35.8	24.4	14.9	8.49	4.64	2.22	1.73	1.47	1.31	1.23	1.15	1.11
-15	275	216	168	129	97.0	71.7	51.8	37.1	24.0	14.3	8.24	4.12	2.09	1.71	1.46	1.31	1.24	1.17
-10	818	378	192	130	93.1	65.1	45.7	31.2	19.7	11.5	6.10	2.60	1.92	1.60	1.41	1.34	1.32	1.27
-5	1893	1016	389	191	131	90.2	61.3	42.2	28.3	17.6	9.92	4.71	2.25	1.83	1.55	1.42	1.43	1.45
0	1971	765	290	173	117	77.7	51.8	35.8	23.5	13.9	6.96	2.88	2.05	1.69	1.50	1.49	1.58	1.53
5	1904	1026	394	194	132	90.9	62.1	42.2	28.5	17.9	10.1	4.64	2.24	1.84	1.56	1.42	1.44	1.45
10	839	391	201	133	94.5	67.0	46.2	31.2	20.3	12.1	6.02	2.48	1.91	1.61	1.41	1.35	1.32	1.18
15	305	245	184	138	100	73.8	54.1	37.1	24.5	15.4	8.66	3.91	2.05	1.72	1.49	1.33	1.24	1.17
20	208	160	124	92.3	68.7	50.6	35.7	23.8	15.5	9.23	4.45	2.06	1.72	1.48	1.31	1.23	1.15	1.01
25	157	132	106	82.7	63.6	47.8	34.7	23.8	15.9	10.2	5.47	2.50	1.72	1.49	1.33	1.22	1.16	1.11
30	78.9	71.2	59.9	49.1	39.2	28.6	20.1	13.5	9.09	5.36	2.23	1.64	1.45	1.29	1.19	1.14	1.08	1.04
35	63.4	59.1	52.0	42.9	35.1	26.9	19.5	13.4	8.88	5.72	3.08	1.63	1.42	1.28	1.18	1.11	1.07	1.03
40	42.9	39.3	33.4	27.2	21.4	15.8	11.2	7.43	4.68	2.82	1.64	1.35	1.23	1.13	1.07	1.03	0.99	0.98
45	24.6	24.6	22.2	18.7	14.7	11.2	8.37	5.69	3.57	1.98	1.46	1.30	1.17	1.09	1.02	0.99	0.97	0.94
50	17.9	16.7	14.4	11.6	9.01	6.89	5.03	3.47	2.13	1.49	1.32	1.20	1.12	1.06	1.02	0.99	0.96	0.95
55	10.7	10.6	9.55	7.98	6.36	5.01	3.97	3.01	2.21	1.60	1.36	1.25	1.16	1.11	1.07	1.02	1.01	0.98
60	3.81	3.41	2.92	2.42	2.02	1.83	1.69	1.59	1.46	1.36	1.26	1.19	1.13	1.09	1.06	1.03	0.99	0.95
65	3.03	2.90	2.63	2.24	1.92	1.75	1.63	1.55	1.44	1.36	1.29	1.22	1.17	1.14	1.11	1.08	1.06	1.04
70	2.23	2.10	1.93	1.75	1.60	1.51	1.44	1.38	1.34	1.28	1.23	1.20	1.16	1.15	1.12	1.09	1.07	1.06
75	1.44	1.45	1.44	1.42	1.40	1.37	1.34	1.30	1.28	1.26	1.24	1.21	1.20	1.18	1.16	1.14	1.12	1.11
80	0.00	0.00	0.00	0.00	0.00	0.00	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
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(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-02-25

V(B) Range:-75 - 75DEG
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: