

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

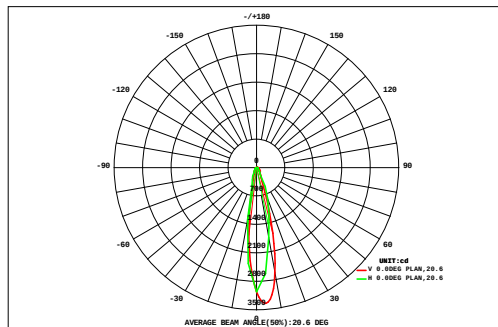
Maximum Intensity (Luminaire orientation as tested.)		4405.3 cd per klm. 0.0 degrees vertical -4.0 degrees horizontal
Beam Spread	At 10% of Imax	49.2V x 38.5H
	At 50% of Imax	20.6V x 20.6H
	At 90% of Imax	7.1V x 8.3H
Beam Flux	Total	997.4 lumens per klm.
	To 10% of Imax	601.3 lumens per klm.
	To 50% of Imax	272.5 lumens per klm.
	To 90% of Imax	25.2 lumens per klm.
Upward LOR		0.0 %
Downward LOR		99.7 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H_(b) Range: -90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: NORDECOR
Test Date: 2025-02-26

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 5.780m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.11V I:0.1506A P:14.839W PF:0.4477 Freq:50.00Hz Lamp Flux:758.92x1 lm		
NAME: 6850	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:51.14lm/W	
MODEL		Imax(cd)	3343
NOMINAL POWER(W)		AVAILABILITY(%)	61.1
RATED VOLTAGE(V)		Avai. FLUX(lm)	463.6
NOMINAL FLUX(lm)	758.92	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	758.9
TEST VOLTAGE(V)	0	q @50%(H,V)	21,21DEG

AREA FLUX DIAGRAM																	UNIT:lm	F t	F a
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
80	0.00	0.01	0.03	0.04	0.06	0.08	0.09	0.09	0.10	0.10	0.09	0.08	0.07	0.06	0.04	0.03	0.01	0.00	0.98
70	0.01	0.03	0.10	0.20	0.29	0.40	0.46	0.51	0.61	0.65	0.60	0.49	0.34	0.26	0.16	0.07	0.02	0.01	5.19
60	0.01	0.05	0.17	0.34	0.51	0.72	0.85	0.99	1.15	1.17	1.07	0.86	0.61	0.46	0.27	0.12	0.03	0.01	9.38
50	0.01	0.08	0.24	0.48	0.76	1.07	1.37	1.62	1.76	1.72	1.53	1.24	0.95	0.68	0.43	0.21	0.06	0.01	14.2
40	0.01	0.10	0.30	0.60	1.00	1.49	2.09	2.74	3.11	3.01	2.48	1.80	1.28	0.87	0.52	0.26	0.08	0.01	21.8
30	0.01	0.12	0.36	0.71	1.23	1.96	3.04	4.53	6.07	5.78	4.04	2.54	1.64	1.03	0.60	0.31	0.10	0.01	34.1
20	0.02	0.14	0.40	0.81	1.45	2.56	4.53	7.92	12.5	11.1	6.63	3.61	2.03	1.17	0.67	0.34	0.11	0.01	56.0
10	0.02	0.14	0.42	0.87	1.60	3.02	6.09	23.5	64.1	53.7	14.7	4.62	2.34	1.27	0.71	0.36	0.12	0.01	178
0	0.02	0.15	0.43	0.90	1.68	3.26	6.96	32.8	83.8	63.6	15.3	4.95	2.45	1.31	0.73	0.37	0.12	0.01	219
-10	0.02	0.14	0.41	0.86	1.58	2.95	5.54	15.4	32.9	23.0	7.78	4.23	2.24	1.23	0.70	0.36	0.12	0.01	99.4
-20	0.02	0.13	0.38	0.76	1.36	2.33	3.99	7.97	14.7	10.5	5.22	3.09	1.77	1.08	0.63	0.32	0.10	0.01	54.3
-30	0.01	0.12	0.33	0.66	1.12	1.74	2.65	3.27	2.65	2.57	2.85	2.14	1.39	0.92	0.56	0.29	0.09	0.01	23.4
-40	0.01	0.10	0.28	0.54	0.87	1.29	1.78	2.14	2.30	2.14	1.82	1.45	1.08	0.75	0.47	0.24	0.07	0.01	17.3
-50	0.01	0.08	0.22	0.43	0.68	0.98	1.28	1.51	1.61	1.54	1.34	1.11	0.85	0.60	0.38	0.18	0.05	0.01	12.9
-60	0.01	0.06	0.16	0.31	0.49	0.68	0.84	0.96	1.02	1.00	0.90	0.77	0.61	0.44	0.27	0.12	0.03	0.00	8.67
-70	0.01	0.03	0.09	0.18	0.29	0.40	0.50	0.57	0.61	0.60	0.54	0.45	0.35	0.24	0.13	0.06	0.02	0.00	5.05
-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
-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
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90		
F t	0.19	1.48	4.30	8.68	15.0	24.9	42.0	106	229	182	66.9	33.4	20.0	12.4	7.26	3.62	1.15	0.13	759
F a	0.00	0.00	0.00	0.00	0.00	0.00	3.61	72.9	205	155	27.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	464

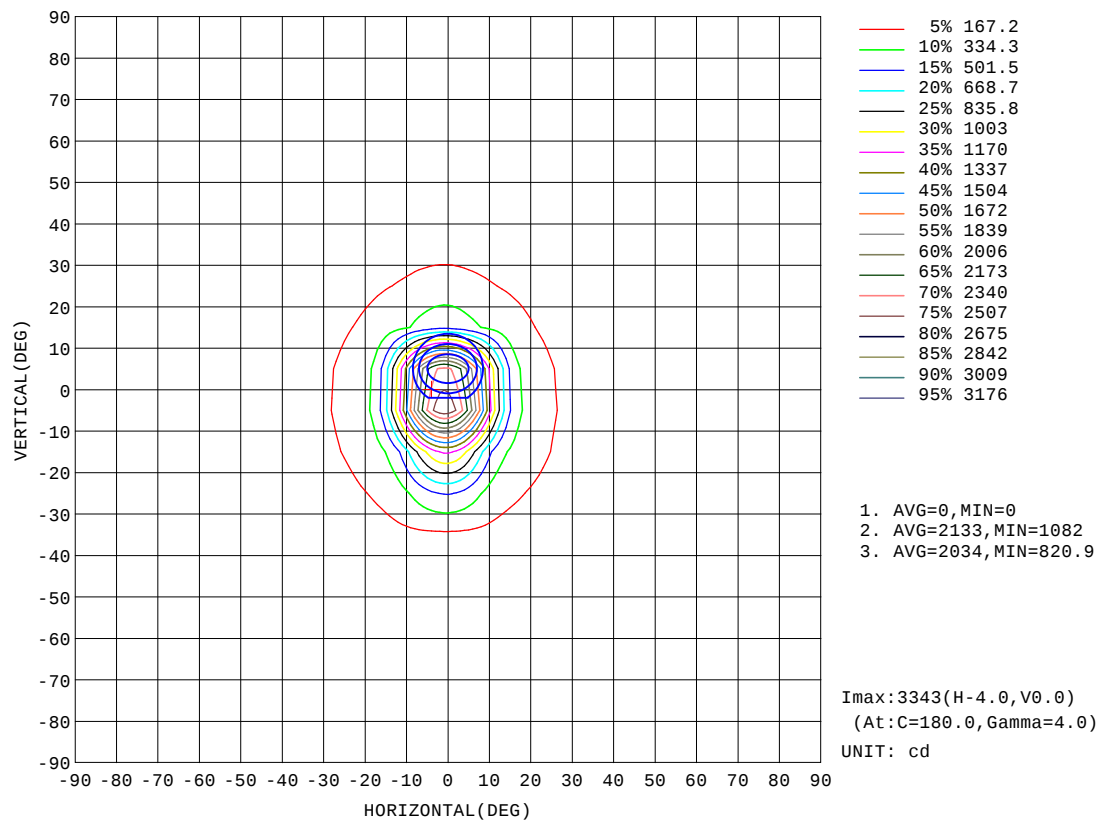
one-half-peak spread: U:11.8,D:9.0 , L:10.0,R:10.0,Beam Type: Type 3 x 4 (H x V)

H_(b) Range: -90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-02-26

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.780m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.11V I:0.1506A P:14.839W PF:0.4477 Freq:50.00Hz Lamp Flux:758.92x1 lm		
NAME: 6850	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:

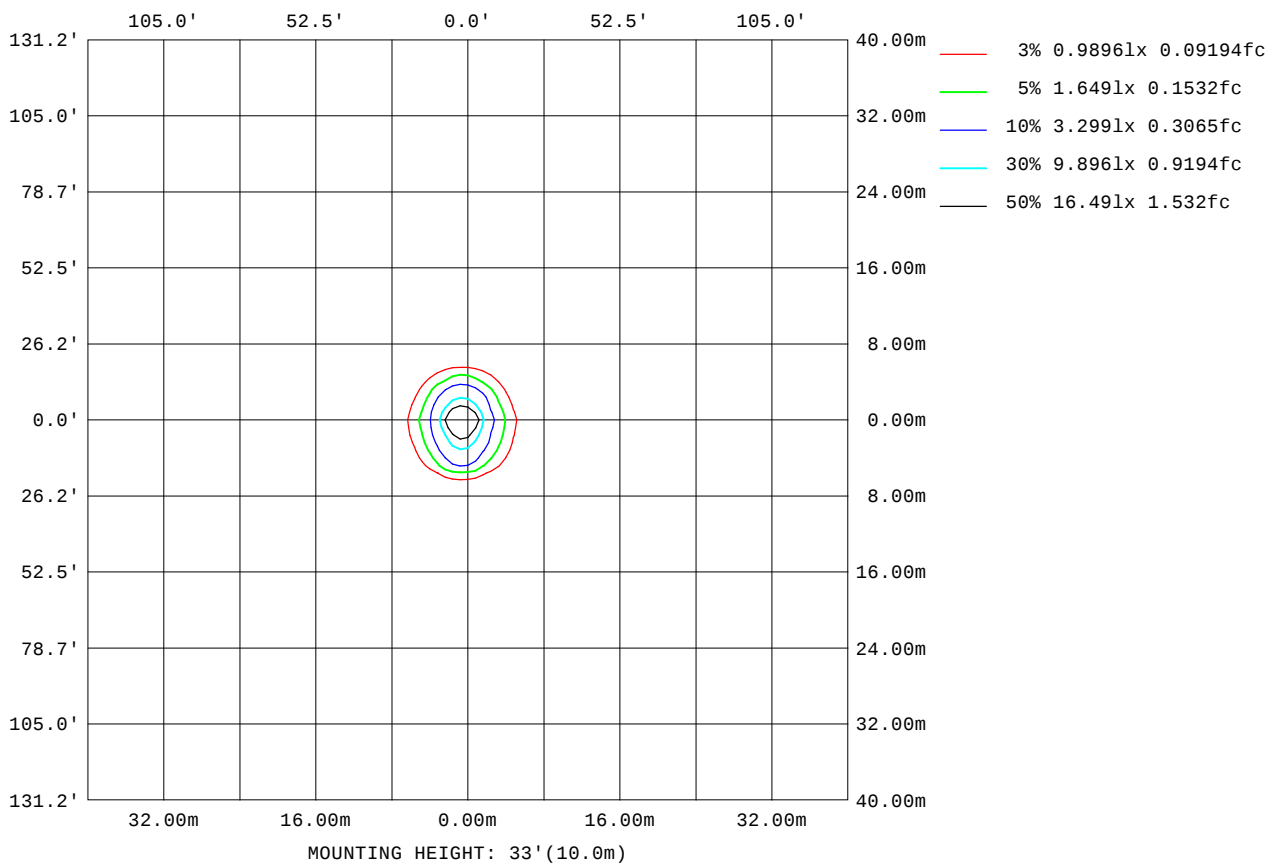


H_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-02-26

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.780m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

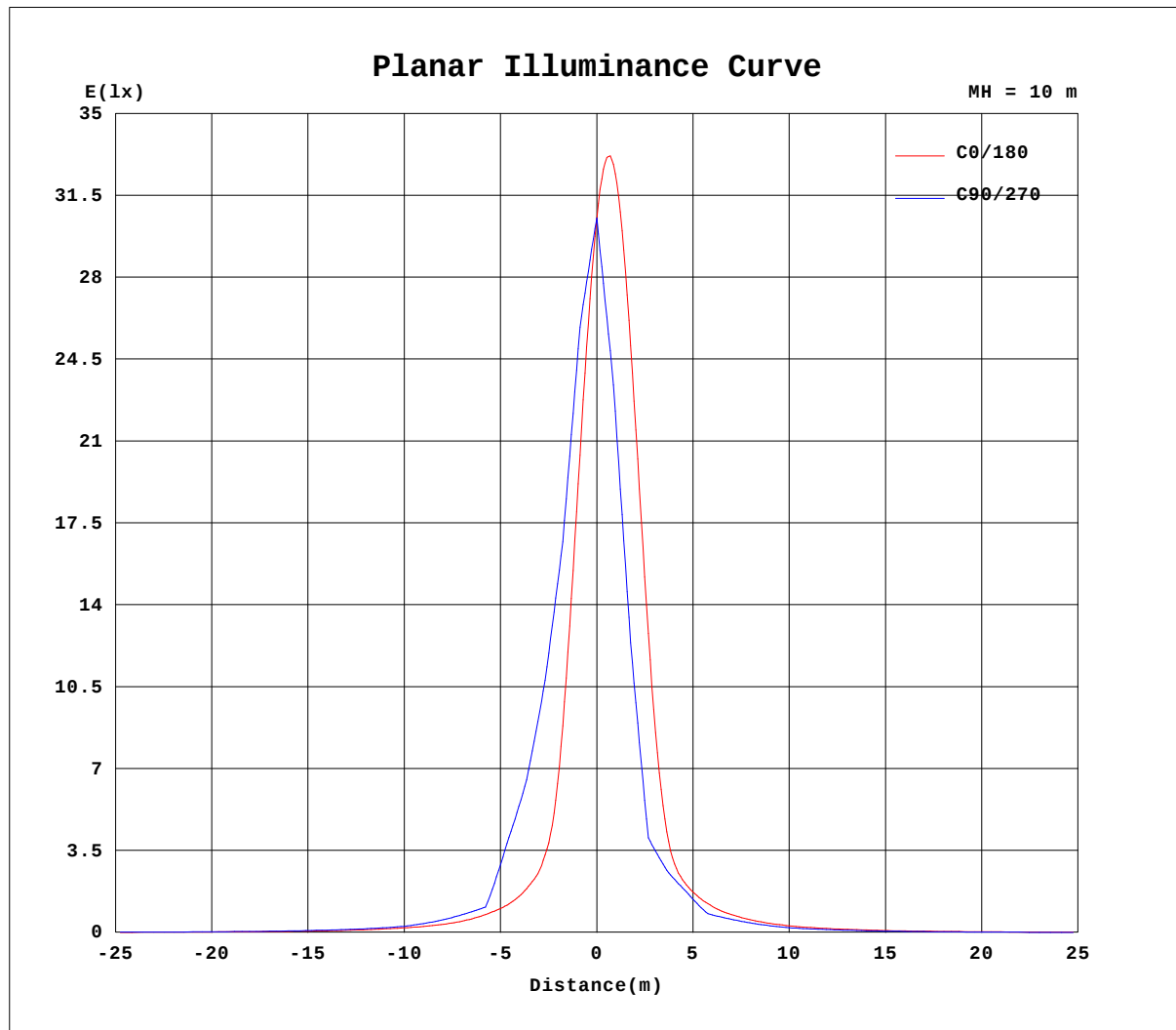
Test:U:220.11V I:0.1506A P:14.839W PF:0.4477 Freq:50.00Hz Lamp Flux:758.92x1 lm		
NAME: 6850	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: NORDECOR
Test Date: 2025-02-26

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 5.780m [K=1.0000]
Remarks:

Planar Illuminance Curve

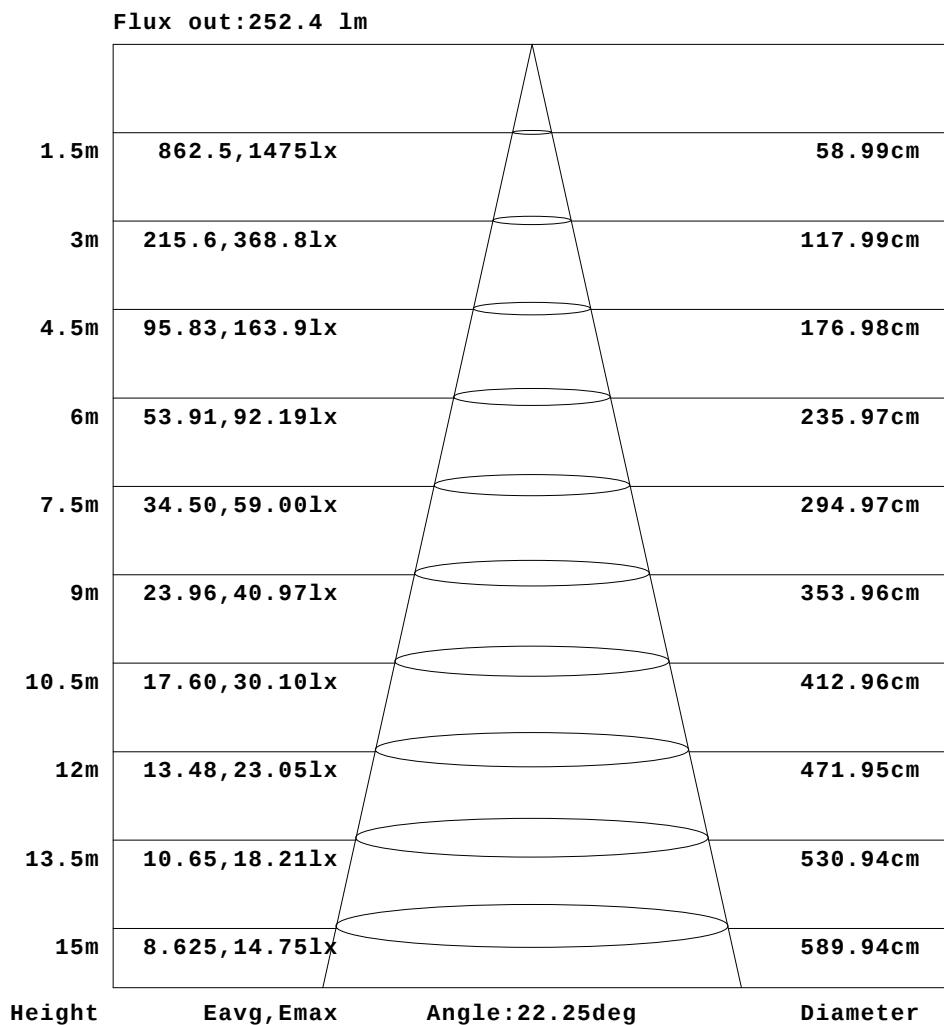


H_b Range: -90 - 90DEG
H_b Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: NORDECOR
Test Date: 2025-02-26

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 5.780m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.11V I:0.1506A P:14.839W PF:0.4477 Freq:50.00Hz Lamp Flux:758.92x1 lm		
NAME: 6850	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H_(b) Range:-90 - 90DEG
 H_(b) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-02-26

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.11V I:0.1506A P:14.839W PF:0.4477 Freq:50.00Hz Lamp Flux:758.92x1 lm																	
NAME: 6850									TYPE:						WEIGHT:		
SPEC.:15W									DIM.:						SERIAL No.:		
MFR.: NORDECOR									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

H(°) \ V(°)	-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	1.66	1.77	2.31	3.64	5.00	6.36	7.79	9.35	11.0	12.6	14.2	15.5	16.6	17.6	18.5	19.1	19.6	20.0	20.1
-70	1.77	2.33	4.09	5.93	7.93	9.97	12.1	14.2	16.4	18.5	20.4	22.0	23.5	24.8	25.9	26.6	27.2	27.5	27.3
-65	1.81	1.90	3.59	5.92	8.44	11.1	13.8	16.5	19.2	21.8	24.4	26.7	28.6	30.4	32.1	33.2	34.1	34.7	34.7
-60	1.91	3.09	5.94	8.86	12.1	15.5	18.8	22.0	25.2	28.2	31.1	33.7	36.0	38.1	39.8	40.9	41.8	42.1	41.7
-55	1.86	1.94	4.75	8.06	11.7	15.6	19.3	23.0	26.7	30.4	34.1	37.9	41.6	45.1	48.1	50.5	52.3	53.2	53.1
-50	1.83	3.77	7.48	11.6	15.9	20.2	24.3	28.5	32.7	37.0	41.6	46.4	51.3	55.8	59.4	62.4	64.1	64.5	63.2
-45	1.79	1.87	5.80	10.1	14.9	19.7	24.4	28.9	33.6	38.3	43.5	49.1	55.4	61.5	66.6	71.0	74.2	75.7	75.1
-40	1.86	4.61	9.17	14.3	19.6	24.8	29.9	35.2	41.2	47.5	54.3	62.6	72.3	83.1	92.3	99.8	105	107	105
-35	1.88	2.11	7.06	12.3	18.0	23.7	29.2	35.0	41.5	48.9	56.7	65.8	77.5	91.9	107	120	130	137	139
-30	2.00	5.62	11.0	17.1	23.3	29.2	35.4	42.2	50.8	59.7	69.4	82.4	98.9	120	138	153	165	171	168
-25	1.97	2.40	8.03	14.1	20.5	26.8	33.3	40.5	49.1	58.8	69.9	85.2	105	129	164	209	315	455	512
-20	2.09	6.12	12.1	18.7	25.4	32.1	39.7	48.5	59.1	70.6	87.4	111	138	178	237	372	642	841	788
-15	2.05	2.76	8.72	15.4	22.3	29.2	36.5	45.5	56.2	68.0	83.0	107	138	174	235	339	629	1030	1195
-10	2.13	6.41	12.8	19.8	26.8	33.9	42.4	52.5	64.3	78.1	99.8	130	169	229	363	794	1463	1891	1750
-5	2.02	2.80	8.89	15.8	22.9	29.9	37.7	46.8	57.9	70.5	88.0	115	150	203	296	642	1486	2346	2616
0	2.12	6.50	13.1	20.3	27.4	34.8	43.7	54.0	66.3	82.0	106	140	190	273	518	1419	2627	3321	3054
5	2.00	2.78	8.70	15.5	22.6	29.6	37.3	46.1	56.6	69.0	86.0	111	144	196	283	614	1382	2140	2367
10	2.11	6.01	12.3	19.4	26.2	33.2	41.4	50.4	61.3	74.8	93.5	120	156	208	326	668	1127	1404	1297
15	2.00	2.70	8.13	14.7	21.6	28.2	35.5	43.4	52.4	63.5	76.8	95.4	122	152	195	253	319	410	449
20	2.06	5.31	11.2	17.8	24.3	30.7	38.0	45.7	54.8	65.6	79.0	97.3	120	149	188	234	292	339	320
25	1.86	2.41	7.02	12.9	19.2	25.4	31.6	38.5	45.8	54.4	64.3	75.9	90.6	108	131	158	187	220	234
30	2.00	4.40	9.68	15.6	21.7	27.3	33.5	39.8	46.7	54.7	62.8	71.2	81.7	93.5	106	117	124	126	124
35	1.71	2.15	5.55	10.6	16.2	21.7	27.0	32.7	38.5	44.7	51.3	58.0	65.3	73.9	83.0	91.9	99.1	103	103
40	1.86	3.23	7.30	12.3	17.4	22.4	27.5	32.5	37.6	42.6	47.8	53.2	59.1	65.1	71.0	76.2	79.8	80.9	79.8
45	1.57	1.91	3.71	7.99	12.4	17.2	21.8	26.2	30.5	34.4	38.0	41.8	45.7	49.3	52.0	54.5	56.7	58.0	58.1
50	1.81	2.52	5.04	8.78	12.8	17.1	21.1	24.6	27.8	30.6	33.9	37.0	39.6	41.4	43.5	45.5	47.4	48.5	48.4
55	1.61	1.91	2.88	5.05	8.29	11.8	15.8	19.0	21.4	23.2	25.7	28.5	30.8	31.6	32.3	34.1	35.9	37.9	39.2
60	1.85	2.26	2.91	5.15	7.85	11.4	14.5	16.4	17.2	18.6	21.2	22.8	23.2	22.3	22.3	24.8	26.8	29.2	30.1
65	1.69	1.96	2.42	3.19	5.00	7.00	9.57	11.4	12.4	13.0	14.4	15.9	16.9	16.6	16.3	17.3	18.5	20.0	21.2
70	1.95	2.25	2.56	3.38	4.40	5.77	7.00	7.78	8.16	8.74	9.71	10.3	10.5	10.2	10.5	11.1	11.8	12.6	12.9
75	1.81	2.06	2.34	2.42	2.57	2.76	3.08	3.33	3.54	3.68	3.86	4.05	4.12	4.12	4.08	4.14	4.26	4.29	4.27
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_(b) Range: -90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: NORDECOR
Test Date: 2025-02-26

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 5.780m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.11V I:0.1506A P:14.839W PF:0.4477 Freq:50.00Hz Lamp Flux:758.92x1 lm																	
NAME: 6850									TYPE:						WEIGHT:		
SPEC.:15W									DIM.:						SERIAL No.:		
MFR.: NORDECOR									SUR.:						Shielding Angle:		

Table--2

UNIT: cd

H(DEC) V(DEC)	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	20.0	19.5	18.7	17.8	16.8	15.8	14.6	13.1	11.6	9.85	8.20	6.62	5.15	3.84	2.77	2.08	1.61	1.47
-70	26.7	25.6	24.4	23.2	21.9	20.5	18.8	17.0	15.0	12.9	10.8	8.53	6.40	4.49	3.01	1.95	1.55	1.47
-65	34.2	33.1	31.6	30.1	28.7	27.0	25.2	23.1	20.8	18.4	15.9	13.1	10.2	7.37	4.93	3.06	1.74	1.54
-60	40.5	38.9	37.0	35.3	33.4	31.3	29.1	26.5	23.8	21.0	17.8	14.1	10.5	7.18	4.44	2.40	1.62	1.56
-55	51.8	49.5	46.7	44.2	41.5	38.6	35.4	32.2	29.0	25.9	22.6	19.0	15.0	11.0	7.29	4.19	1.95	1.55
-50	60.6	56.9	53.3	50.0	46.1	42.1	37.9	34.0	30.4	26.9	23.3	19.1	14.7	10.2	6.21	3.06	1.56	1.51
-45	72.8	68.8	64.0	60.0	55.5	50.5	45.4	40.4	36.0	32.2	28.4	24.3	19.7	14.8	9.85	5.47	2.24	1.49
-40	99.2	91.1	83.5	74.6	64.0	55.1	48.1	42.4	37.2	32.5	28.1	23.5	18.6	13.2	8.06	3.86	1.60	1.53
-35	134	123	112	100	85.5	70.1	58.9	51.0	44.5	38.3	33.1	28.3	23.5	18.1	12.4	6.98	2.89	1.63
-30	156	142	127	109	87.0	70.6	59.6	51.7	44.3	37.7	32.3	27.5	22.2	16.2	9.99	4.79	1.75	1.64
-25	430	280	197	156	122	94.9	75.7	61.9	52.4	44.4	37.5	32.0	26.7	20.9	14.5	8.30	3.49	1.78
-20	519	298	215	161	121	94.7	74.1	60.0	50.7	42.5	35.9	30.2	24.5	18.1	11.4	5.55	1.97	1.79
-15	960	538	318	227	164	125	95.9	73.1	59.7	50.3	41.6	35.1	29.3	23.1	16.3	9.45	4.03	1.95
-10	1155	559	296	201	145	111	83.8	65.7	54.9	45.6	38.0	31.9	25.9	19.3	12.3	6.06	2.21	1.95
-5	2129	1234	509	268	184	136	102	77.7	62.1	52.1	42.8	35.8	29.8	23.5	16.6	9.76	4.21	2.12
0	2063	925	368	227	158	119	88.7	68.8	57.0	47.1	38.8	32.4	26.3	19.6	12.6	6.32	2.45	2.12
5	1937	1156	482	252	175	130	98.4	75.9	61.0	51.2	42.3	35.3	29.4	23.2	16.4	9.54	3.95	2.07
10	909	483	257	176	131	101	78.6	63.4	53.0	44.2	37.0	31.1	25.2	18.7	11.8	5.61	2.13	1.89
15	384	303	237	179	136	107	84.3	67.8	56.6	47.6	39.9	33.7	28.2	22.2	15.5	8.77	3.25	1.80
20	262	211	166	128	102	82.4	67.6	56.7	47.9	40.3	34.2	28.8	23.2	17.0	10.5	4.71	1.90	1.70
25	210	178	148	120	96.8	80.0	67.2	58.4	49.3	41.8	35.4	30.2	25.1	19.5	13.3	7.32	2.55	1.70
30	119	108	95.4	82.1	70.3	61.5	55.8	48.8	41.7	35.2	30.4	25.6	20.4	14.6	8.81	3.64	1.76	1.54
35	101	95.3	86.5	76.6	66.8	58.3	52.0	47.6	41.2	35.6	30.5	26.1	21.4	16.2	10.8	5.70	2.04	1.59
40	77.1	72.0	65.8	59.2	52.6	47.2	43.1	38.6	34.2	29.6	25.5	21.0	16.3	11.4	6.59	2.51	1.61	1.40
45	57.2	55.2	52.8	49.7	46.2	42.2	38.7	35.5	32.4	29.0	25.4	21.4	17.0	12.4	8.07	3.89	1.72	1.46
50	47.3	45.5	43.4	40.5	36.8	33.2	30.3	28.4	25.5	22.4	19.0	15.1	11.2	7.72	4.40	1.93	1.59	1.38
55	39.1	38.1	36.8	35.1	32.1	28.6	24.6	24.1	22.2	19.5	16.7	13.6	9.98	6.99	4.90	2.65	1.78	1.58
60	29.8	29.1	28.3	26.3	22.9	19.6	17.4	18.1	15.7	13.5	10.9	7.86	5.11	3.59	2.25	1.89	1.70	1.48
65	21.4	21.1	20.6	19.9	18.0	15.8	12.9	13.5	12.6	11.0	9.33	7.48	5.23	3.66	2.95	2.05	1.88	1.70
70	12.7	12.4	12.2	11.5	10.2	8.96	8.19	8.35	7.43	6.60	5.65	4.50	3.39	2.72	2.18	2.00	1.84	1.61
75	4.27	4.20	4.16	4.13	4.04	3.76	3.62	3.57	3.43	3.24	3.11	2.99	2.70	2.42	2.22	2.10	2.01	1.84
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_(b) Range: -90 - 90DEGH_(b) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:NORDECOR

Test Date:2025-02-26

V(B) Range: -75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.411

Humidity:65.0%

Test Distance:5.780m [K=1.0000]

Remarks: