

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

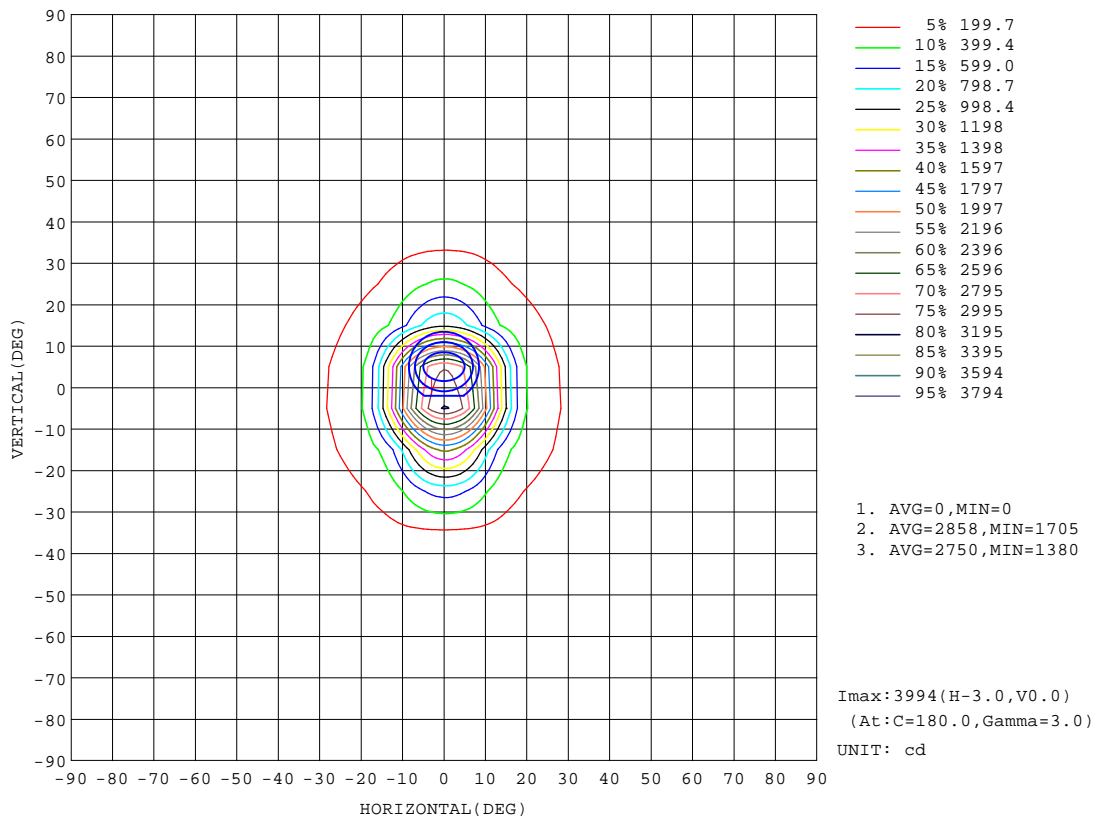
Maximum Intensity (Luminaire orientation as tested.)		3719.3 cd per klm. 0.0 degrees vertical -3.0 degrees horizontal
Beam Spread	At 10% of Imax	53.5V x 41.9H
	At 50% of Imax	22.4V x 24.2H
	At 90% of Imax	6.4V x 10.9H
Beam Flux	Total	996.7 lumens per klm.
	To 10% of Imax	636.1 lumens per klm.
	To 50% of Imax	306.0 lumens per klm.
	To 90% of Imax	32.2 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.7 %
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:2025-02-26

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:220.21V I:0.1953A P:20.127W PF:0.4679 Freq:50.00Hz Lamp Flux:1073.75x1 lm		
NAME: 6851	TYPE:	WEIGHT:
SPEC.:20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:

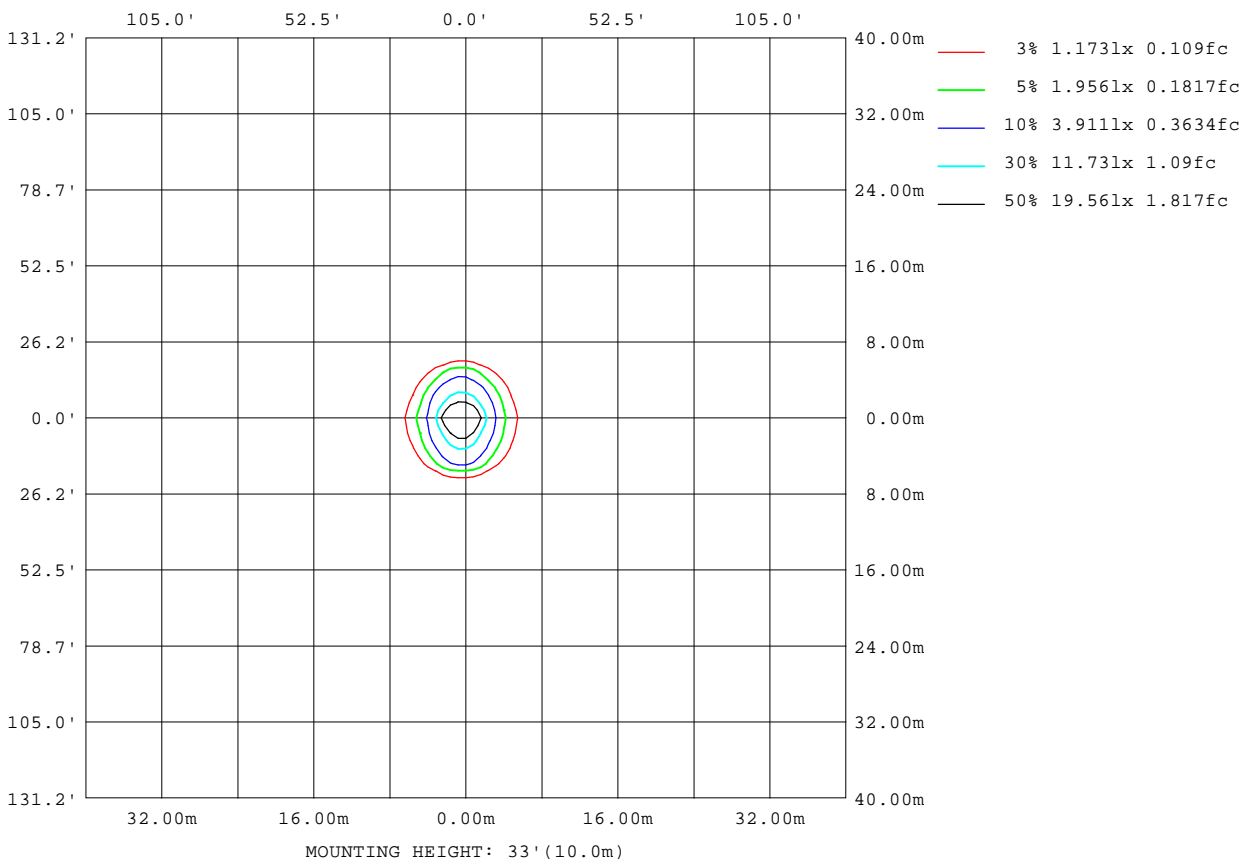


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-02-26

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

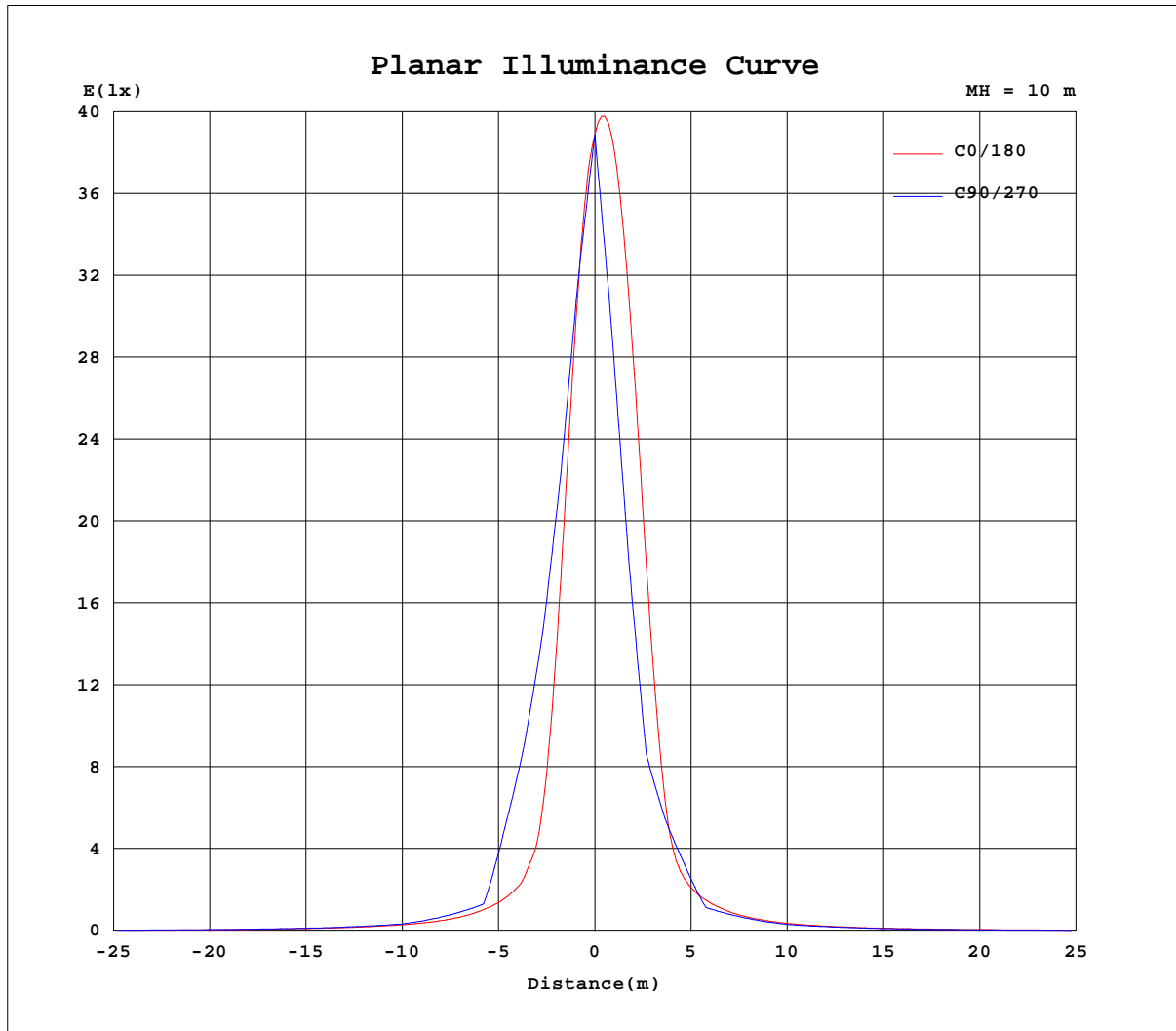
Test:U:220.21V I:0.1953A P:20.127W PF:0.4679 Freq:50.00Hz Lamp Flux:1073.75x1 lm		
NAME: 6851	TYPE:	WEIGHT:
SPEC.:20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:



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

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



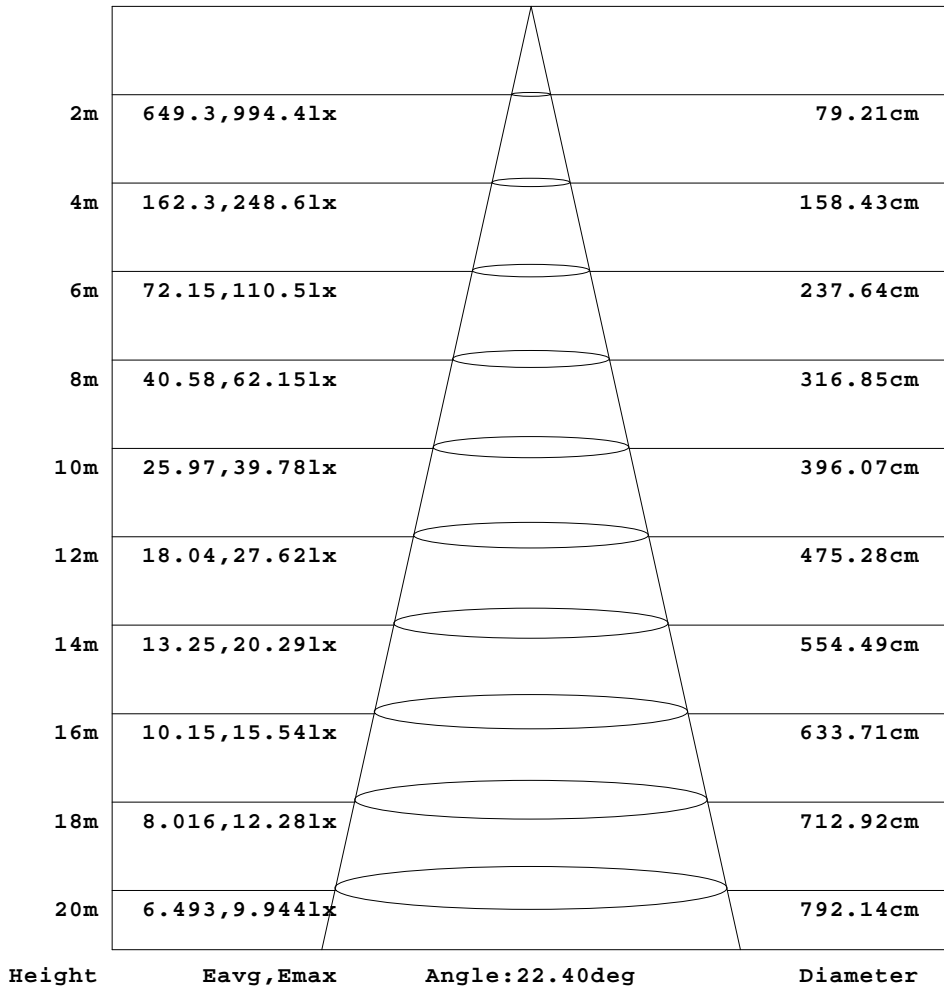
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-02-26

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:220.21V I:0.1953A P:20.127W PF:0.4679 Freq:50.00Hz Lamp Flux:1073.75x1 lm		
NAME: 6851	TYPE:	WEIGHT:
SPEC.:20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:

Flux out:337.7 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:2025-02-26

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:220.21V I:0.1953A P:20.127W PF:0.4679 Freq:50.00Hz Lamp Flux:1073.75x1 lm		
NAME: 6851	TYPE:	WEIGHT:
SPEC.:20W	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	2.24	2.28	3.32	4.51	6.03	7.92	10.2	12.7	15.2	17.8	20.5	23.0	25.2	27.1	28.8	30.0	30.7	31.2	31.1
-70	2.33	3.40	5.21	7.57	10.5	13.8	17.3	20.8	24.0	27.1	30.2	32.9	35.3	37.4	39.3	40.6	41.3	41.5	41.3
-65	2.41	2.57	4.78	7.65	11.3	15.6	20.1	24.9	29.0	32.8	36.3	39.6	42.6	45.2	47.7	49.8	51.1	51.7	51.7
-60	2.61	4.38	7.59	12.0	17.2	22.8	28.6	34.0	38.6	42.6	46.4	50.1	53.1	56.0	58.8	60.8	61.7	62.1	62.0
-55	2.46	2.82	6.21	10.8	16.6	23.0	29.2	35.7	42.3	46.5	50.1	54.1	58.3	62.0	65.6	68.9	71.2	72.3	72.6
-50	2.49	5.19	10.0	16.5	23.7	30.6	37.5	45.9	51.4	54.7	58.4	63.3	68.1	72.4	76.6	80.0	82.2	83.1	83.0
-45	2.39	3.03	7.58	14.1	22.0	30.2	37.5	45.2	55.0	59.1	62.0	66.4	72.2	77.6	82.6	87.3	91.0	93.1	93.7
-40	2.56	6.24	12.7	21.1	29.9	37.9	46.0	56.4	64.0	66.8	71.8	79.4	88.4	98.3	109	119	126	129	129
-35	2.58	3.59	9.46	17.7	27.3	36.2	44.8	53.7	66.2	71.0	74.8	82.7	93.6	107	123	139	152	162	166
-30	2.80	7.53	15.6	25.7	35.7	44.6	54.1	65.7	76.2	78.8	86.5	98.4	114	134	157	177	192	201	200
-25	2.75	4.05	11.0	20.7	31.5	41.1	50.4	59.7	72.3	79.8	87.9	103	124	151	189	254	396	586	678
-20	2.95	8.38	17.5	28.7	39.1	48.6	57.7	68.0	79.0	89.0	106	131	163	210	293	476	839	1118	1109
-15	2.89	4.41	12.3	23.1	34.7	44.9	54.2	63.2	73.4	85.3	101	127	162	209	280	431	823	1367	1632
-10	3.04	8.95	18.9	30.6	41.4	51.4	60.4	70.2	81.9	96.6	120	154	202	278	500	1075	1860	2361	2338
-5	2.90	4.55	12.7	24.0	35.8	46.2	55.8	65.1	76.0	89.1	108	137	181	245	382	944	1966	2861	3206
0	3.05	9.25	19.6	31.5	42.6	52.8	62.2	72.5	85.2	102	128	167	229	340	779	1974	3253	3930	3887
5	2.83	4.54	12.6	23.8	35.5	46.0	55.7	64.9	75.6	88.3	106	134	176	238	370	915	1875	2679	2980
10	2.98	8.80	18.6	30.1	41.0	51.1	60.2	69.5	80.8	94.2	115	145	189	260	456	960	1562	1929	1901
15	2.66	4.37	12.0	22.7	33.9	44.4	53.9	62.6	72.0	83.0	96.4	117	146	187	246	344	549	820	954
20	2.86	8.13	17.1	27.9	38.3	47.9	56.5	64.7	73.9	84.1	98.2	119	147	186	242	353	533	677	663
25	2.55	3.97	10.6	20.2	30.5	40.2	48.9	56.8	64.4	72.5	81.6	94.6	112	135	166	210	288	386	434
30	2.69	7.21	15.1	24.9	34.5	43.2	51.0	58.0	64.6	71.2	79.5	90.2	103	119	136	152	165	173	175
35	2.41	3.50	8.99	17.1	26.1	34.8	42.7	49.7	56.1	62.2	68.4	76.4	85.9	97.1	109	122	133	141	145
40	2.45	5.90	12.0	20.1	28.4	36.2	43.0	49.2	55.0	60.4	66.4	73.7	81.4	89.6	98.0	106	111	115	116
45	2.24	2.95	7.06	13.3	20.8	28.4	35.3	41.4	47.0	52.2	56.9	62.2	67.5	72.4	76.7	80.6	83.7	85.2	86.1
50	2.36	4.85	9.25	15.4	22.0	28.6	34.4	39.8	45.0	49.5	53.8	58.5	62.6	66.3	69.4	72.1	73.7	74.3	74.7
55	2.33	2.78	5.64	9.87	15.3	21.0	26.5	31.8	37.0	41.6	45.4	49.3	52.9	56.0	58.5	60.6	62.2	62.9	62.9
60	2.42	4.05	6.73	10.7	15.4	20.3	25.0	30.0	34.7	38.4	41.6	44.6	46.9	48.9	50.2	51.1	51.8	51.3	51.2
65	2.45	2.70	4.47	6.89	10.1	13.8	17.5	21.3	25.2	28.7	31.5	34.0	36.2	37.7	39.0	39.7	39.6	39.1	37.4
70	2.60	3.54	4.89	6.83	9.24	11.8	14.5	17.3	20.0	22.4	24.5	26.3	27.3	28.2	28.8	28.3	26.8	24.7	23.1
75	2.60	2.71	3.54	4.32	5.38	6.70	8.24	9.92	11.7	13.4	15.0	16.4	17.3	17.6	18.0	17.9	16.0	13.6	9.73
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:2025-02-26

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:220.21V I:0.1953A P:20.127W PF:0.4679 Freq:50.00Hz Lamp Flux:1073.75x1 lm		
NAME: 6851	TYPE:	WEIGHT:
SPEC.:20W	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	30.7	30.0	28.9	27.4	25.6	23.7	21.6	19.2	16.8	14.2	11.6	9.11	6.96	5.07	3.61	2.64	2.10	1.87
-70	40.7	39.6	38.0	36.1	34.0	31.9	29.5	26.9	23.4	19.7	16.1	12.7	9.39	6.39	4.13	2.64	2.00	1.89
-65	51.5	50.6	49.1	47.2	44.9	42.7	40.4	37.8	34.3	29.7	24.9	20.2	15.7	11.2	7.13	4.21	2.51	2.01
-60	61.3	60.0	58.0	55.6	53.2	50.9	48.2	45.0	39.8	33.9	28.1	22.4	16.6	10.9	6.40	3.41	2.11	2.07
-55	72.2	70.8	68.6	65.7	62.7	59.5	56.7	54.9	51.5	44.7	37.8	30.9	24.4	17.6	11.2	6.07	2.94	2.03
-50	81.6	79.3	75.9	72.2	68.4	64.5	62.9	61.7	55.5	47.0	39.1	31.6	24.0	16.3	9.46	4.45	2.05	2.01
-45	93.0	90.8	87.4	83.1	78.9	74.0	70.3	70.4	68.3	59.3	50.4	41.0	32.9	24.2	15.7	8.22	3.40	1.95
-40	124	117	107	97.6	88.6	80.2	75.5	72.2	65.1	56.0	47.4	39.3	30.7	21.4	12.6	5.68	2.21	2.05
-35	162	152	139	124	109	96.0	85.4	78.1	71.7	63.6	55.2	47.1	39.1	29.7	19.8	10.7	4.31	2.15
-30	190	173	152	132	114	98.1	86.0	76.6	68.6	60.9	53.1	45.6	36.6	26.1	15.7	7.12	2.57	2.20
-25	607	421	262	193	154	125	104	88.6	77.5	68.5	59.8	52.2	44.2	34.3	23.3	12.9	5.19	2.43
-20	815	452	276	204	160	125	102	86.3	75.3	65.5	57.3	49.6	40.4	29.3	17.9	8.33	3.03	2.50
-15	1428	897	455	290	215	160	126	102	85.8	74.0	64.1	56.3	48.2	38.0	26.1	14.7	6.04	2.80
-10	1805	997	454	267	192	145	114	93.1	79.8	68.8	60.1	52.1	42.7	31.3	19.4	9.16	3.40	2.77
-5	2950	2067	1002	407	247	178	136	107	88.8	76.3	65.9	57.6	49.1	38.8	26.8	15.3	6.40	3.03
0	3161	1806	685	320	212	158	121	97.1	82.3	70.8	61.5	53.1	43.6	32.1	20.0	9.60	3.69	3.02
5	2750	1952	968	395	240	174	133	106	87.7	75.5	65.4	57.2	48.7	38.4	26.6	15.1	6.26	2.94
10	1498	882	420	251	181	138	109	90.3	78.0	67.7	59.3	51.3	42.0	30.7	18.9	8.82	3.20	2.63
15	827	555	354	255	195	149	117	95.8	82.3	71.8	62.7	55.1	47.0	37.0	25.3	14.1	5.64	2.53
20	500	330	236	184	144	115	95.1	81.4	71.5	62.9	55.5	48.0	39.1	28.2	17.0	7.77	2.77	2.31
25	391	292	215	170	139	114	95.3	82.1	72.2	64.0	56.8	50.1	42.4	32.9	22.0	12.0	4.72	2.29
30	167	152	135	118	102	88.6	78.8	70.3	62.7	56.5	50.2	43.3	34.8	24.5	14.5	6.45	2.41	2.08
35	144	136	124	111	98.8	86.7	77.1	69.5	62.7	56.3	50.4	44.1	36.7	27.9	18.3	9.69	3.85	2.06
40	113	106	98.0	89.6	80.8	72.6	66.0	60.5	54.9	49.3	43.2	36.4	28.5	19.6	11.3	4.97	2.07	1.85
45	86.4	84.7	81.8	78.0	73.5	68.0	62.5	58.0	53.8	48.9	43.4	37.2	30.0	22.1	14.1	7.19	3.01	1.84
50	74.1	72.2	69.6	66.5	62.7	58.3	53.9	50.0	45.4	40.4	34.8	28.6	21.6	14.6	8.27	3.80	1.96	1.81
55	62.9	62.1	60.8	58.7	56.6	54.0	50.6	46.8	42.6	38.0	33.1	27.7	21.7	15.6	9.83	5.23	2.61	1.98
60	51.0	50.6	49.7	48.6	47.5	45.8	42.7	38.7	34.4	29.9	25.0	19.7	14.4	9.38	5.43	2.94	2.06	1.96
65	37.1	36.9	36.5	35.7	34.6	34.0	33.7	31.0	27.8	23.9	21.4	17.8	13.7	9.73	6.29	3.76	2.44	2.17
70	23.0	22.8	22.5	21.6	20.9	22.4	21.5	19.4	16.4	15.2	13.7	11.1	8.20	5.74	3.83	2.69	2.32	2.22
75	8.97	9.07	8.84	8.71	7.68	8.11	11.5	10.5	9.31	6.44	8.41	7.63	6.08	4.58	3.52	2.79	2.50	2.42
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:2025-02-26

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: