

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

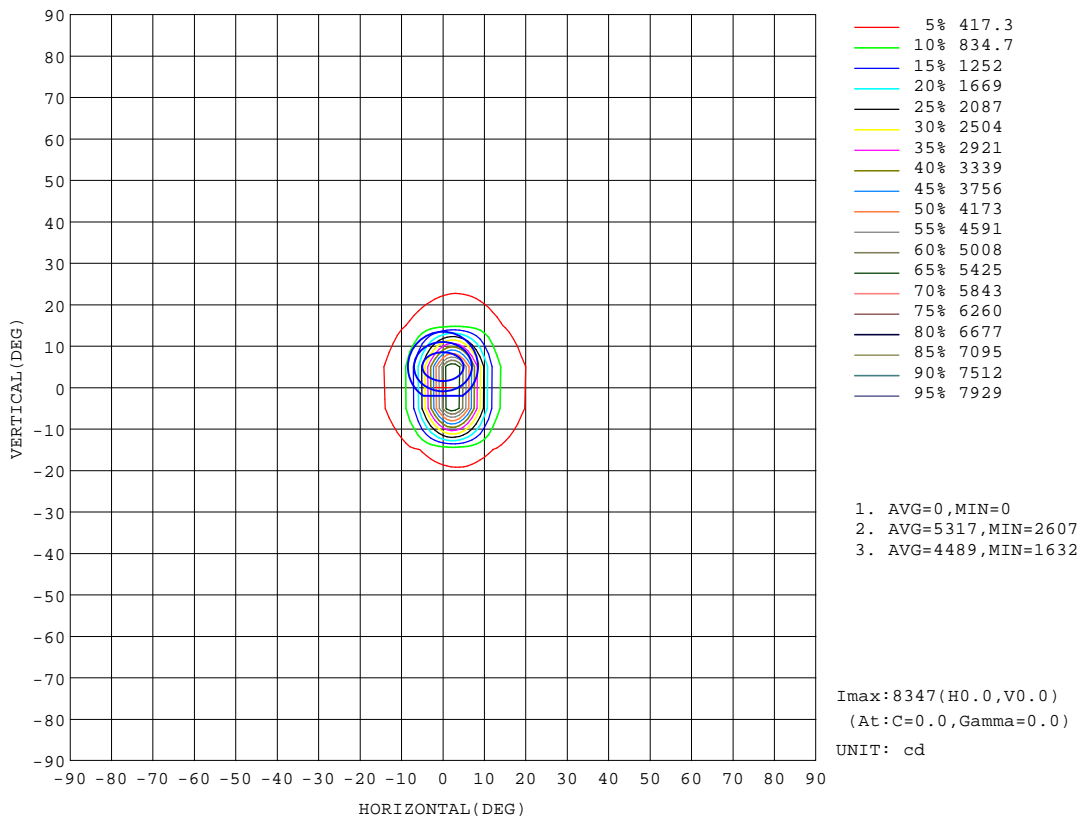
Maximum Intensity (Luminaire orientation as tested.)		10057.6 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	28.8V x 25.5H
	At 50% of Imax	14.1V x 11.7H
	At 90% of Imax	3.9V x 4.2H
Beam Flux	Total	985.0 lumens per klm.
	To 10% of Imax	615.1 lumens per klm.
	To 50% of Imax	270.7 lumens per klm.
	To 90% of Imax	22.1 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	98.5 %
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:220.20V I:0.1920A P:19.890W PF:0.4706 Freq:50.00Hz Lamp Flux:829.889x1 lm		
NAME: 6846	TYPE:	WEIGHT:
SPEC.:20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:

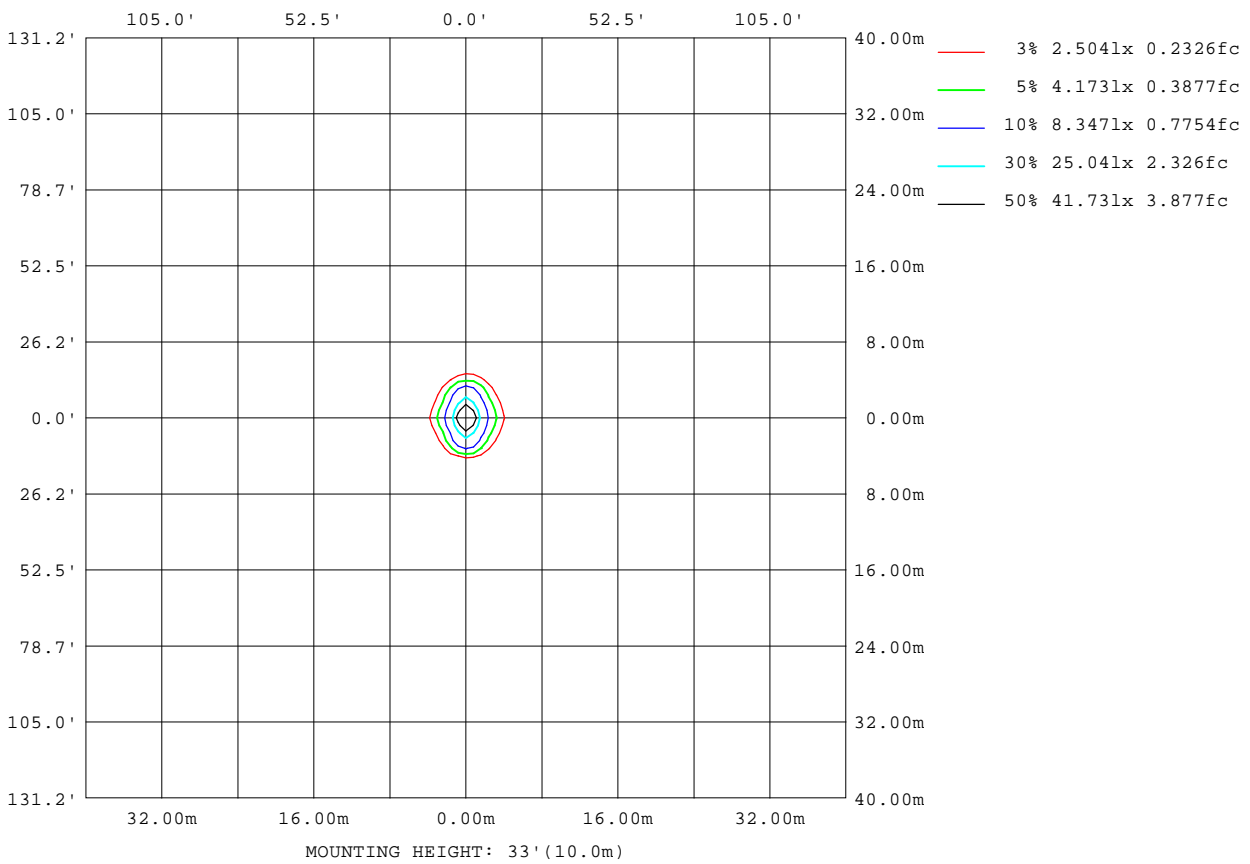


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-02-25

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

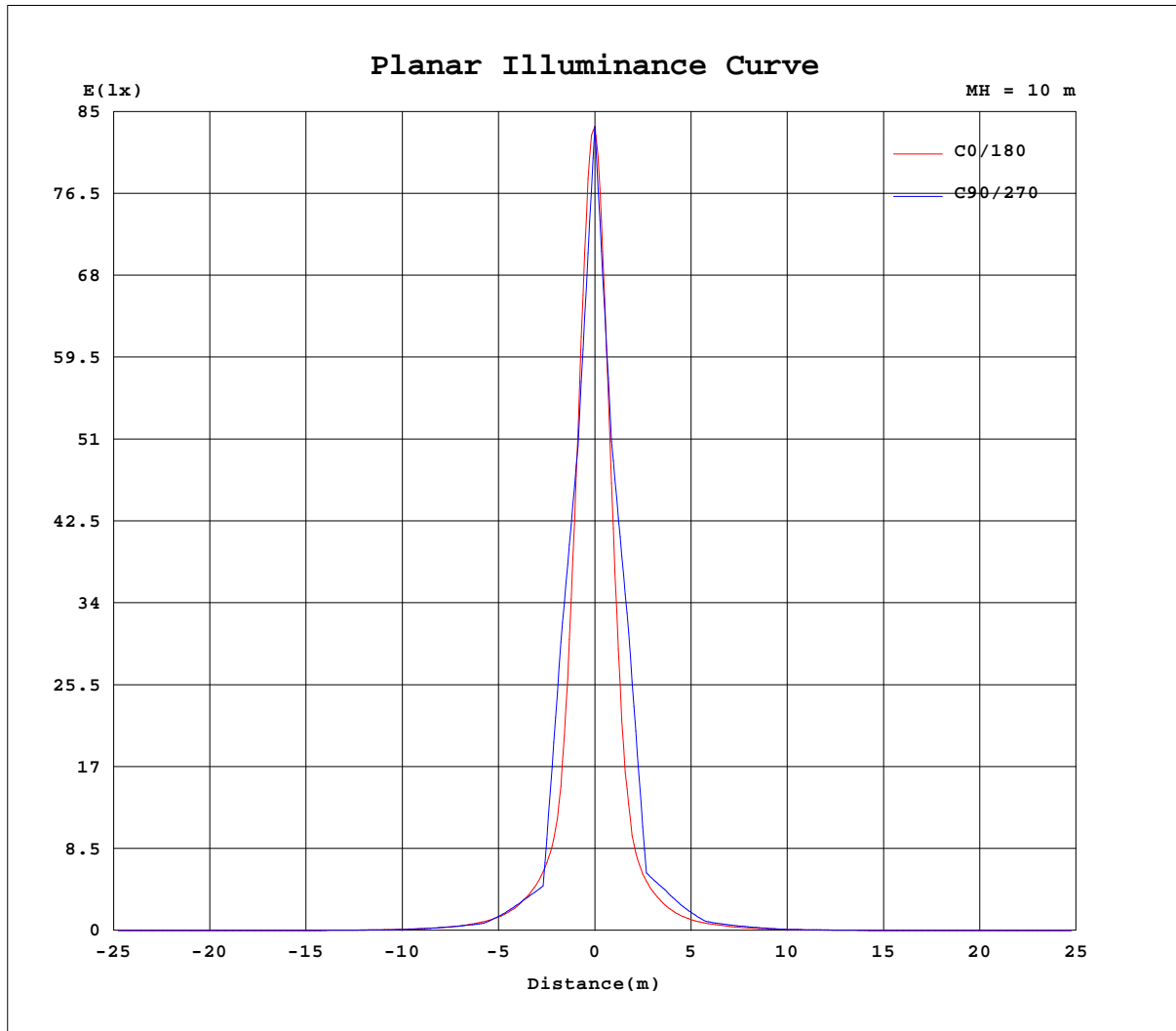
Test:U:220.20V I:0.1920A P:19.890W PF:0.4706 Freq:50.00Hz Lamp Flux:829.889x1 lm		
NAME: 6846	TYPE:	WEIGHT:
SPEC.:20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:



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

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



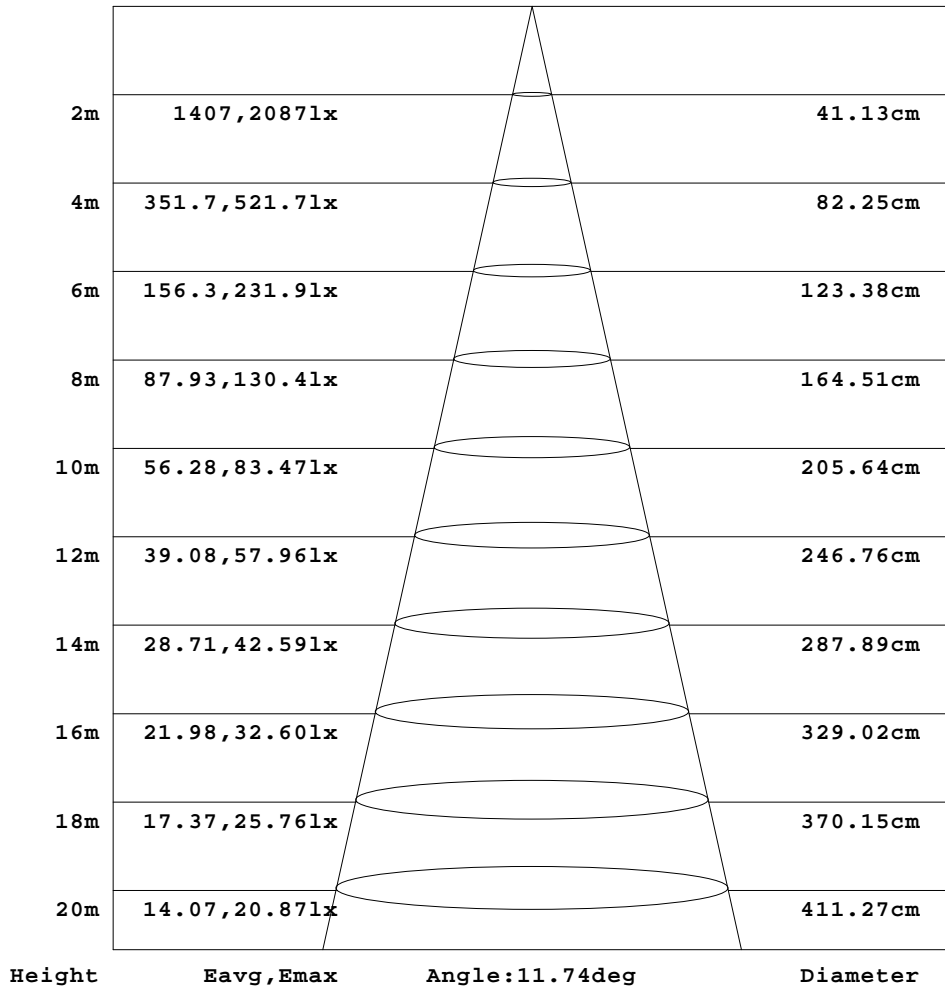
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-02-25

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:220.20V I:0.1920A P:19.890W PF:0.4706 Freq:50.00Hz Lamp Flux:829.889x1 lm		
NAME: 6846	TYPE:	WEIGHT:
SPEC.:20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.:	Shielding Angle:

Flux out:195.3 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:220.20V I:0.1920A P:19.890W PF:0.4706 Freq:50.00Hz Lamp Flux:829.889x1 lm		
NAME: 6846	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	1.34	1.44	1.48	1.51	1.55	1.56	1.59	1.62	1.67	1.71	1.76	1.83	1.89	1.95	2.03	2.09	2.18	2.26	2.33
-70	1.53	1.54	1.65	1.69	1.73	1.76	1.80	1.86	1.92	2.02	2.14	2.31	2.51	2.71	2.92	3.14	3.34	3.51	3.61
-65	1.67	1.72	1.77	1.83	1.89	1.94	1.99	2.05	2.13	2.23	2.40	2.66	2.96	3.28	3.64	3.99	4.35	4.65	4.84
-60	1.83	1.88	1.95	2.01	2.09	2.15	2.22	2.30	2.40	2.59	2.86	3.25	3.68	4.14	4.64	5.15	5.61	5.96	6.15
-55	1.71	1.74	1.80	1.87	1.94	2.01	2.08	2.19	2.35	2.75	3.53	4.50	5.79	7.42	9.26	11.1	12.5	13.7	14.4
-50	1.61	1.65	1.72	1.78	1.84	1.92	2.02	2.19	2.46	3.56	4.89	6.71	9.14	12.1	15.4	18.3	20.5	22.2	22.9
-45	1.47	1.51	1.57	1.63	1.69	1.77	1.88	2.04	2.32	3.24	5.14	7.35	10.4	14.4	18.9	23.3	26.8	29.6	31.1
-40	1.57	1.63	1.73	1.83	1.94	2.13	2.36	2.84	4.21	6.79	10.0	14.2	19.6	26.2	34.0	41.9	49.6	56.0	60.2
-35	1.61	1.67	1.80	1.93	2.08	2.32	2.66	3.03	4.89	7.96	12.1	17.4	24.2	32.5	42.5	54.2	66.6	77.6	86.6
-30	1.72	1.81	1.98	2.16	2.39	2.77	3.24	4.25	7.65	12.3	18.3	25.6	35.1	46.3	60.3	76.2	92.9	107	118
-25	1.72	1.81	1.97	2.18	2.46	2.89	3.50	4.71	8.76	14.4	21.7	30.9	43.5	60.9	85.1	119	162	211	248
-20	1.78	1.91	2.13	2.41	2.83	3.48	4.30	7.94	13.9	22.0	32.0	45.3	64.4	93.2	134	195	278	350	393
-15	1.80	1.90	2.10	2.39	2.82	3.50	4.42	7.09	13.9	22.6	33.7	47.9	68.3	99.8	147	218	314	430	515
-10	1.82	1.98	2.24	2.61	3.17	4.03	5.21	11.0	18.9	29.8	43.5	63.4	92.4	140	222	360	705	1880	3136
-5	1.78	1.92	2.14	2.49	3.03	3.79	4.92	9.17	17.0	27.6	41.3	60.9	90.2	135	222	375	679	2133	5088
0	1.83	2.01	2.31	2.76	3.43	4.41	5.97	13.4	22.8	35.4	52.9	79.9	119	187	323	570	1373	4696	8347
5	1.76	1.91	2.15	2.50	3.06	3.84	5.02	9.45	17.2	28.2	42.0	62.2	92.5	138	227	386	703	2166	5137
10	1.81	1.98	2.24	2.65	3.25	4.17	5.51	11.4	19.7	30.9	45.2	66.8	97.4	146	236	389	752	1958	3246
15	1.75	1.88	2.10	2.42	2.92	3.64	4.73	7.91	14.5	24.4	35.9	51.7	75.2	108	162	251	386	531	664
20	1.75	1.90	2.12	2.45	2.92	3.67	4.73	8.61	15.1	23.9	35.0	50.4	71.7	103	153	231	336	439	512
25	1.67	1.78	1.95	2.19	2.52	3.00	3.78	5.38	9.71	16.2	24.7	35.3	49.9	69.1	98.2	142	203	266	318
30	1.66	1.77	1.96	2.15	2.42	2.91	3.63	5.14	9.10	14.5	22.2	30.8	41.8	55.9	74.6	97.4	122	139	147
35	1.57	1.64	1.76	1.91	2.10	2.36	2.82	3.44	5.69	9.27	14.7	21.5	29.8	39.7	52.2	67.9	85.0	99.9	109
40	1.52	1.57	1.68	1.79	1.92	2.15	2.50	3.19	4.83	7.82	12.4	18.4	25.2	32.8	41.7	51.8	62.1	69.3	73.2
45	1.43	1.46	1.53	1.59	1.65	1.73	1.85	2.08	2.44	3.59	6.10	10.2	15.0	19.6	23.7	27.5	30.8	33.3	35.6
50	1.47	1.50	1.57	1.64	1.71	1.79	1.94	2.16	2.55	3.83	5.97	9.19	12.5	15.6	18.5	21.3	23.4	25.1	26.5
55	1.49	1.51	1.57	1.64	1.70	1.77	1.87	2.03	2.26	2.79	3.85	5.49	7.39	9.23	11.0	12.8	14.3	15.5	16.4
60	1.53	1.56	1.63	1.69	1.76	1.83	1.93	2.06	2.25	2.50	2.86	3.30	3.78	4.25	4.96	5.75	6.28	6.68	6.90
65	1.56	1.59	1.63	1.70	1.75	1.82	1.90	2.00	2.12	2.29	2.52	2.81	3.14	3.48	3.88	4.46	4.90	5.24	5.42
70	1.63	1.66	1.70	1.75	1.81	1.86	1.93	2.01	2.11	2.23	2.39	2.58	2.79	2.99	3.27	3.58	3.80	3.96	4.05
75	1.66	1.69	1.71	1.77	1.82	1.87	1.91	1.97	2.01	2.08	2.13	2.20	2.26	2.33	2.41	2.46	2.55	2.59	2.62
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:220.20V I:0.1920A P:19.890W PF:0.4706 Freq:50.00Hz Lamp Flux:829.889x1 lm		
NAME: 6846	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	2.34	2.33	2.29	2.22	2.17	2.11	2.05	2.00	1.91	1.84	1.77	1.72	1.65	1.61	1.56	1.52	1.45	1.35
-70	3.62	3.56	3.40	3.18	2.97	2.75	2.54	2.35	2.18	2.03	1.91	1.79	1.72	1.65	1.59	1.53	1.43	1.36
-65	4.90	4.85	4.66	4.30	3.93	3.56	3.23	2.89	2.59	2.32	2.11	1.96	1.84	1.75	1.67	1.59	1.51	1.43
-60	6.17	6.03	5.67	5.11	4.61	4.11	3.60	3.17	2.78	2.44	2.21	2.02	1.89	1.78	1.68	1.60	1.49	1.45
-55	14.6	14.1	13.1	11.9	10.4	8.71	7.20	5.70	4.28	3.12	2.40	2.07	1.88	1.73	1.62	1.54	1.47	1.40
-50	22.8	21.4	19.6	17.5	14.8	12.1	9.60	7.05	4.81	3.12	2.29	1.96	1.73	1.59	1.49	1.42	1.35	1.33
-45	31.4	30.0	27.6	24.9	21.5	17.6	14.0	10.4	6.98	4.25	2.63	2.06	1.76	1.56	1.42	1.36	1.32	1.27
-40	60.6	56.0	48.6	40.0	31.3	24.5	18.8	13.7	9.30	5.85	3.56	2.34	1.94	1.70	1.56	1.46	1.39	1.35
-35	90.5	86.5	75.9	62.1	47.6	36.3	28.1	21.0	14.9	9.88	6.04	3.41	2.41	2.02	1.78	1.64	1.54	1.45
-30	120	110	92.7	72.7	54.0	41.2	31.3	23.1	16.2	10.7	6.02	3.15	2.51	2.13	1.88	1.72	1.60	1.52
-25	257	229	182	136	96.2	68.3	48.5	34.8	24.6	16.6	10.3	5.69	3.19	2.56	2.15	1.89	1.74	1.61
-20	380	315	235	165	113	77.9	53.2	37.8	26.1	17.3	10.4	5.33	3.29	2.63	2.17	1.92	1.78	1.67
-15	530	459	347	247	167	114	75.4	51.9	36.0	24.3	15.4	8.91	4.11	3.17	2.52	2.12	1.92	1.75
-10	2088	801	430	272	172	112	73.2	50.1	34.5	22.6	13.9	7.06	3.83	3.01	2.41	2.15	2.26	2.26
-5	4885	1950	698	407	245	154	98.4	64.2	44.2	29.5	18.7	10.6	4.50	3.45	2.73	2.31	2.44	2.80
0	5246	1567	678	395	231	145	91.4	60.0	41.3	26.8	16.5	8.37	4.15	3.27	2.61	2.41	3.04	3.31
5	4939	1986	716	415	251	158	101	65.9	45.3	30.4	19.4	10.8	4.49	3.49	2.75	2.33	2.45	2.81
10	2185	854	455	287	182	119	78.2	52.7	36.6	24.3	15.1	7.25	3.88	3.07	2.47	2.18	2.27	2.26
15	691	567	401	273	185	125	84.3	56.9	39.4	27.1	17.7	9.61	4.09	3.27	2.59	2.16	1.95	1.77
20	482	372	262	182	126	86.5	59.3	41.3	29.1	19.6	11.8	5.47	3.32	2.69	2.22	1.93	1.79	1.65
25	326	275	206	149	107	76.5	54.3	38.4	27.4	19.0	11.8	5.74	3.13	2.59	2.15	1.86	1.72	1.60
30	139	121	99.2	79.5	61.6	46.4	34.9	25.7	18.7	12.8	6.50	3.02	2.47	2.11	1.84	1.68	1.58	1.47
35	108	98.3	83.2	67.3	53.7	41.3	31.4	23.3	16.8	11.5	6.74	3.18	2.32	2.00	1.74	1.57	1.49	1.40
40	70.8	64.0	53.9	44.1	35.3	27.6	21.1	15.3	10.5	6.68	3.61	2.21	1.88	1.65	1.49	1.40	1.34	1.30
45	36.8	36.3	33.1	28.3	23.8	19.8	15.9	11.8	7.66	4.64	2.42	1.92	1.65	1.48	1.35	1.28	1.23	1.19
50	26.9	25.8	22.8	19.3	16.3	13.5	10.6	7.69	5.12	3.17	2.11	1.80	1.61	1.47	1.37	1.31	1.28	1.25
55	16.9	16.7	15.3	13.1	11.0	9.34	7.71	6.05	4.38	3.13	2.21	1.90	1.70	1.57	1.46	1.39	1.34	1.29
60	6.99	6.80	6.07	5.08	4.41	3.92	3.45	3.01	2.59	2.25	2.01	1.80	1.68	1.56	1.49	1.42	1.37	1.33
65	5.52	5.50	5.14	4.47	3.91	3.53	3.18	2.86	2.54	2.27	2.07	1.91	1.78	1.68	1.61	1.53	1.49	1.44
70	4.08	4.01	3.73	3.37	3.09	2.87	2.66	2.45	2.28	2.11	1.98	1.88	1.80	1.73	1.68	1.63	1.57	1.52
75	2.63	2.62	2.58	2.54	2.46	2.37	2.30	2.20	2.13	2.06	2.01	1.95	1.89	1.83	1.79	1.73	1.69	1.64
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(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: