

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

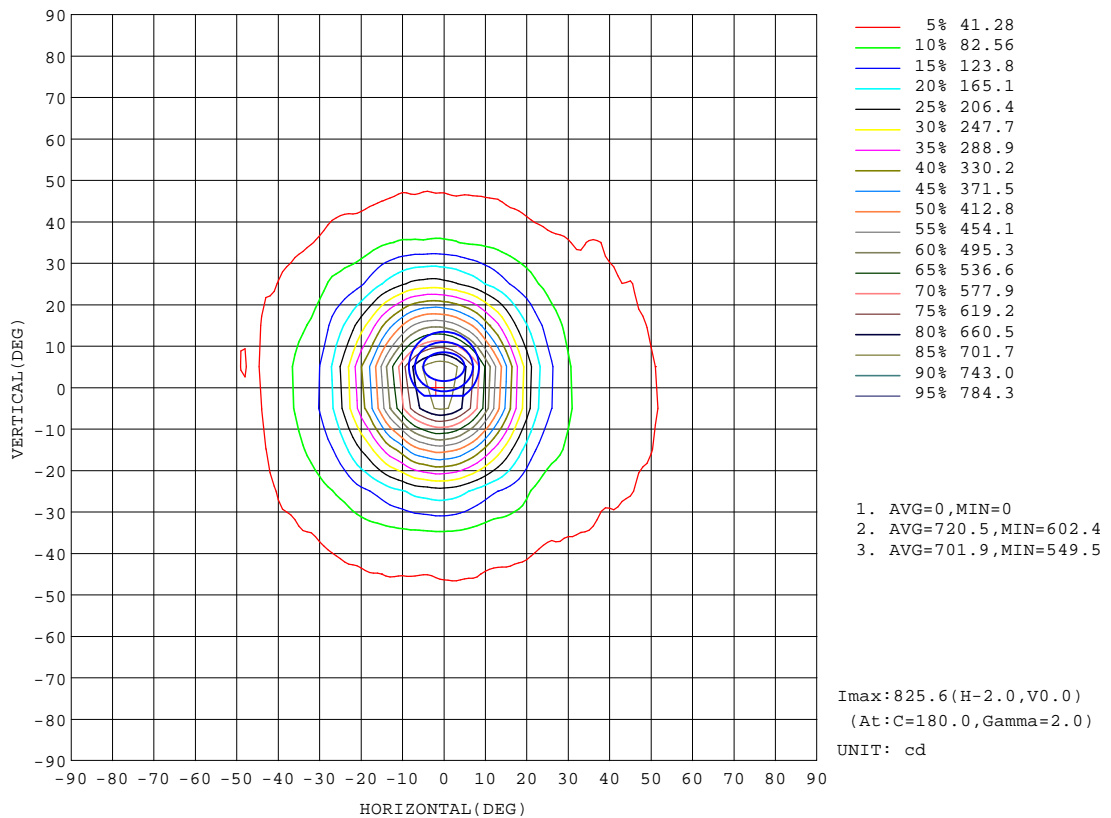
Maximum Intensity (Luminaire orientation as tested.)		2116.8 cd per klm. 0.0 degrees vertical -2.0 degrees horizontal
Beam Spread	At 10% of Imax	70.1V x 68.1H
	At 50% of Imax	32.4V x 32.7H
	At 90% of Imax	8.8V x 12.1H
Beam Flux	Total	999.4 lumens per klm.
	To 10% of Imax	772.2 lumens per klm.
	To 50% of Imax	367.6 lumens per klm.
	To 90% of Imax	39.0 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.9 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-04-15

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:220.11V I:0.1834A P:18.164W PF:0.4499 Freq:50.00Hz Lamp Flux:390.002x1 lm		
NAME: 6624	TYPE:	WEIGHT:690g
SPEC.:20W	DIM.: ϕ 12*8.7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

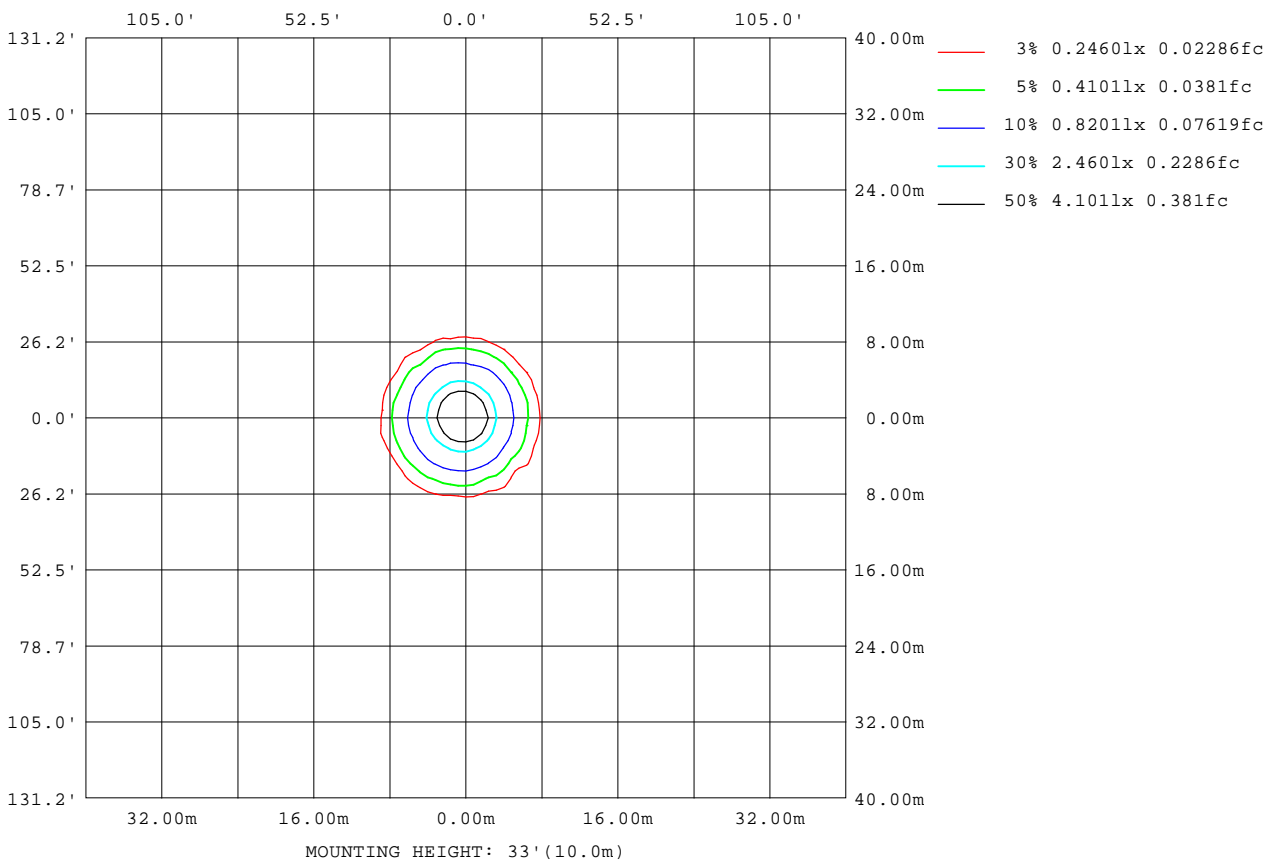


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-04-15

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

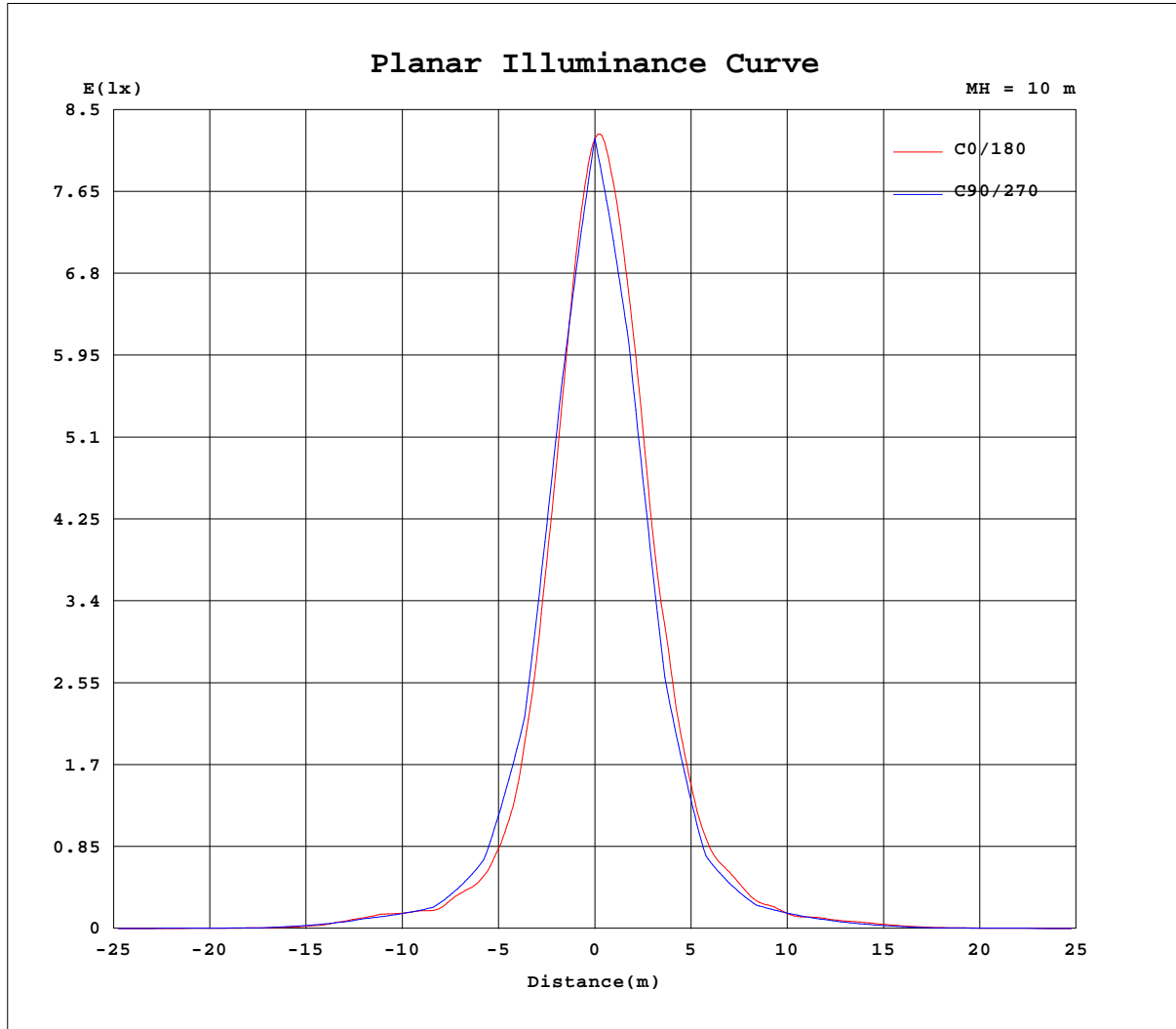
Test:U:220.11V I:0.1834A P:18.164W PF:0.4499 Freq:50.00Hz Lamp Flux:390.002x1 lm		
NAME: 6624	TYPE:	WEIGHT:690g
SPEC.:20W	DIM.: $\phi 12 \times 8.7\text{cm}$	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-04-15

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



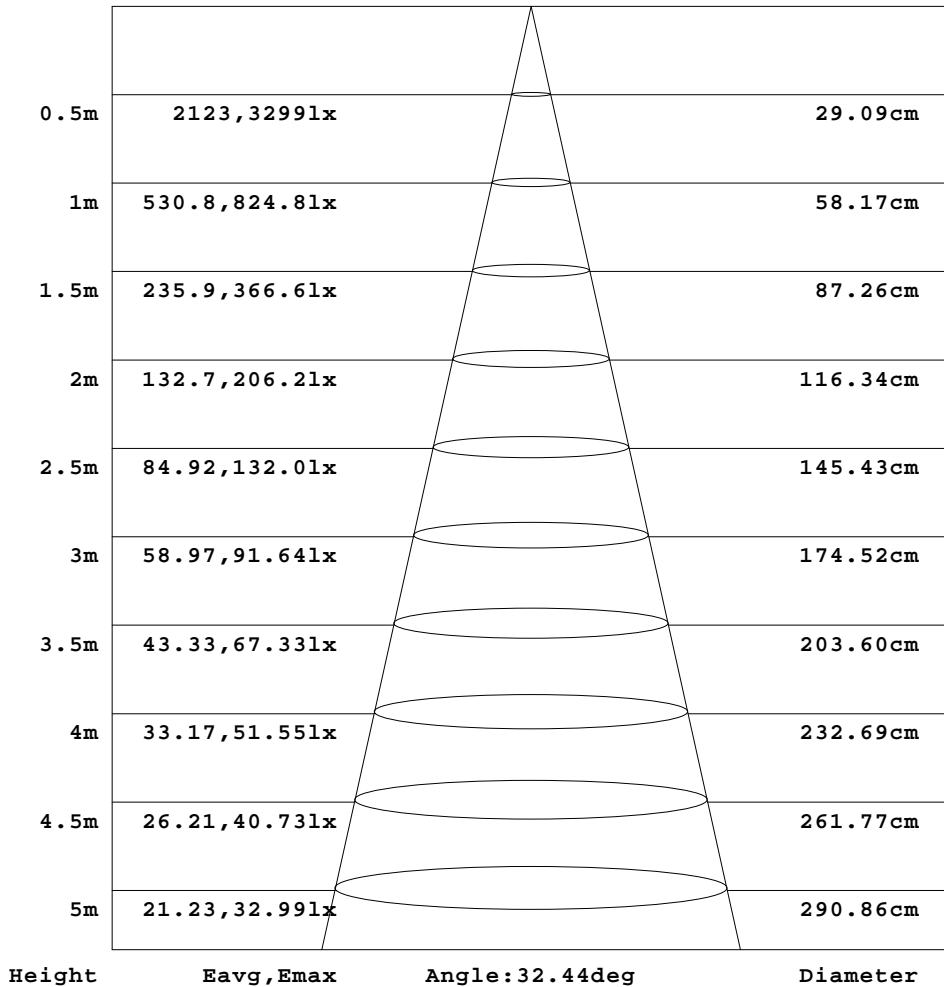
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-04-15

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:220.11V I:0.1834A P:18.164W PF:0.4499 Freq:50.00Hz Lamp Flux:390.002x1 lm		
NAME: 6624	TYPE:	WEIGHT:690g
SPEC.:20W	DIM.: $\phi 12*8.7\text{cm}$	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Flux out:146.3 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:AED
 Test Date:2024-04-15

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:220.11V I:0.1834A P:18.164W PF:0.4499 Freq:50.00Hz Lamp Flux:390.002x1 lm		
NAME: 6624	TYPE:	WEIGHT:690g
SPEC.:20W	DIM.: ϕ 12*8.7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

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	1.09	1.15	1.30	1.36	1.41	1.45	1.51	1.56	1.63	1.69	1.73	1.80	1.83	1.88	1.91	1.91	1.94	1.93	1.93
-75	1.12	1.16	1.34	1.43	1.52	1.60	1.70	1.82	1.94	2.05	2.15	2.26	2.35	2.43	2.50	2.55	2.62	2.65	2.66
-70	1.15	1.24	1.41	1.53	1.66	1.79	1.95	2.12	2.27	2.45	2.61	2.77	2.90	3.01	3.12	3.23	3.32	3.36	3.38
-65	1.16	1.22	1.44	1.59	1.75	1.95	2.16	2.42	2.68	2.95	3.25	3.56	3.89	4.25	4.59	4.93	5.16	5.25	5.22
-60	1.16	1.29	1.51	1.71	1.92	2.18	2.48	2.81	3.18	3.58	3.99	4.48	5.01	5.62	6.20	6.78	7.07	7.14	7.04
-55	1.17	1.26	1.52	1.75	2.01	2.32	2.72	3.18	3.68	4.31	5.11	6.30	10.7	15.4	18.9	19.4	20.6	21.5	23.3
-50	1.16	1.33	1.61	1.89	2.21	2.61	3.14	3.74	4.40	5.33	6.59	9.31	18.4	26.6	32.5	33.6	34.6	35.9	39.7
-45	1.17	1.31	1.63	1.94	2.32	2.80	3.46	4.29	5.41	8.81	17.7	22.1	27.7	33.4	37.6	41.3	42.1	41.6	44.3
-40	1.19	1.43	1.76	2.13	2.60	3.24	4.08	5.25	6.96	15.2	30.7	36.9	39.7	43.4	45.6	51.0	50.2	47.4	49.3
-35	1.22	1.39	1.78	2.18	2.73	3.47	4.53	6.16	12.3	23.6	36.0	39.6	45.1	54.9	62.5	69.4	74.5	77.2	79.6
-30	1.26	1.54	1.94	2.42	3.12	4.07	5.53	8.01	21.4	35.9	41.8	44.4	54.6	69.9	84.1	89.9	101	109	109
-25	1.29	1.51	1.95	2.46	3.21	4.25	5.91	10.9	24.4	37.5	42.7	50.6	70.5	89.0	115	137	162	182	189
-20	1.32	1.70	2.14	2.75	3.66	4.93	7.29	18.4	34.2	41.2	48.5	63.4	95.2	115	154	198	233	259	265
-15	1.32	1.61	2.09	2.71	3.65	4.96	7.76	19.4	32.7	39.4	53.3	73.3	105	142	208	284	352	412	427
-10	1.34	1.75	2.26	3.00	4.09	5.70	11.0	27.8	34.5	38.4	64.0	96.8	125	194	285	404	505	577	584
-5	1.32	1.66	2.16	2.86	3.90	5.39	9.24	26.0	35.9	38.9	62.2	94.0	126	198	311	438	571	672	706
0	1.35	1.78	2.29	3.08	4.22	5.93	11.7	31.4	40.5	44.2	64.2	107	145	244	379	532	691	793	820
5	1.31	1.68	2.16	2.88	3.93	5.40	9.06	27.3	39.0	39.4	58.9	93.4	124	208	327	459	604	705	734
10	1.33	1.74	2.26	3.03	4.14	5.69	10.5	32.1	42.7	44.3	62.5	91.9	126	210	319	449	566	639	638
15	1.31	1.64	2.11	2.75	3.71	5.00	7.65	23.3	39.4	38.5	51.9	75.1	102	156	229	324	415	477	481
20	1.33	1.70	2.17	2.81	3.73	4.99	7.47	24.4	38.8	39.8	49.1	65.2	93.4	125	172	238	298	326	314
25	1.27	1.58	1.98	2.51	3.30	4.33	6.07	14.2	32.2	37.5	41.8	50.7	71.0	94.2	118	164	201	221	218
30	1.25	1.59	1.97	2.49	3.23	4.19	5.78	11.0	30.9	37.4	38.6	40.1	60.3	71.7	81.9	107	117	119	116
35	1.22	1.47	1.81	2.24	2.82	3.59	4.74	7.15	17.0	27.4	33.9	37.4	44.2	55.8	59.1	75.3	85.1	84.9	86.0
40	1.20	1.50	1.81	2.19	2.69	3.37	4.36	5.88	8.82	20.4	31.0	36.2	33.8	41.5	40.7	48.9	53.2	52.2	54.5
45	1.21	1.38	1.67	1.99	2.39	2.92	3.66	4.72	6.34	11.7	19.4	24.6	25.8	33.2	35.1	41.0	46.0	46.0	45.8
50	1.20	1.42	1.64	1.93	2.28	2.72	3.33	4.11	5.08	6.36	8.91	13.9	19.6	26.4	31.8	35.1	38.4	40.7	35.6
55	1.18	1.33	1.54	1.78	2.06	2.41	2.85	3.40	4.09	4.96	6.27	8.99	11.8	15.9	18.4	21.5	22.5	24.6	22.4
60	1.18	1.36	1.52	1.74	1.97	2.24	2.56	2.96	3.41	3.95	4.54	5.22	5.83	6.36	6.85	7.20	7.48	8.02	8.27
65	1.20	1.31	1.48	1.63	1.81	2.01	2.25	2.52	2.82	3.17	3.55	3.98	4.38	4.74	5.05	5.28	5.43	5.68	5.83
70	1.25	1.36	1.50	1.59	1.73	1.87	2.03	2.20	2.36	2.55	2.74	2.92	3.09	3.26	3.37	3.43	3.45	3.43	3.39
75	1.26	1.32	1.44	1.51	1.61	1.70	1.80	1.90	2.03	2.14	2.25	2.37	2.47	2.57	2.64	2.69	2.71	2.69	2.67
80	1.27	1.33	1.43	1.47	1.52	1.56	1.61	1.67	1.73	1.77	1.82	1.86	1.89	1.92	1.94	1.96	1.96	1.94	1.92
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:AED
Test Date:2024-04-15

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:220.11V I:0.1834A P:18.164W PF:0.4499 Freq:50.00Hz Lamp Flux:390.002x1 lm		
NAME: 6624	TYPE:	WEIGHT:690g
SPEC.:20W	DIM.: ϕ 12*8.7cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

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	1.92	1.90	1.88	1.84	1.79	1.75	1.70	1.65	1.60	1.55	1.51	1.45	1.42	1.38	1.32	1.20	1.07	1.06
-75	2.65	2.62	2.55	2.45	2.33	2.23	2.11	2.00	1.88	1.79	1.69	1.60	1.51	1.45	1.37	1.27	1.12	1.09
-70	3.37	3.32	3.18	2.99	2.82	2.67	2.48	2.29	2.12	1.98	1.84	1.70	1.59	1.48	1.39	1.28	1.13	1.11
-65	5.16	5.04	4.83	4.52	4.20	3.84	3.41	3.01	2.65	2.36	2.11	1.91	1.73	1.58	1.45	1.32	1.17	1.12
-60	6.90	6.70	6.36	5.91	5.44	4.86	4.19	3.58	3.04	2.63	2.30	2.03	1.81	1.62	1.46	1.31	1.15	1.11
-55	22.2	20.5	18.2	16.0	12.3	8.92	6.36	5.09	4.11	3.34	2.72	2.31	1.98	1.74	1.53	1.36	1.19	1.12
-50	37.5	32.8	29.2	24.0	17.7	11.4	7.95	6.18	4.83	3.77	2.93	2.43	2.05	1.76	1.54	1.35	1.17	1.10
-45	43.8	39.6	37.3	34.1	31.2	26.6	22.7	14.8	8.79	5.10	3.70	2.85	2.29	1.91	1.64	1.42	1.22	1.11
-40	49.6	44.5	44.5	42.4	44.5	39.0	35.5	21.0	10.7	5.75	4.05	2.98	2.35	1.94	1.64	1.40	1.17	1.10
-35	75.0	64.3	61.2	55.1	44.4	42.9	41.0	34.9	24.8	11.3	5.29	3.64	2.71	2.15	1.78	1.50	1.28	1.14
-30	96.4	79.6	75.9	61.6	42.8	47.1	45.8	47.0	33.0	13.1	5.71	3.84	2.78	2.19	1.81	1.51	1.24	1.16
-25	171	140	115	88.9	62.3	55.6	45.9	45.7	43.4	27.4	9.98	4.78	3.28	2.44	1.95	1.61	1.36	1.18
-20	234	187	146	102	75.8	62.7	43.8	47.3	48.2	32.0	10.5	4.96	3.33	2.43	1.94	1.61	1.32	1.20
-15	394	319	231	151	100	76.2	52.9	44.3	49.9	42.8	17.5	6.08	3.83	2.69	2.11	1.72	1.45	1.23
-10	529	417	280	172	113	80.1	56.1	43.3	49.2	44.0	15.9	5.99	3.74	2.65	2.10	1.71	1.42	1.26
-5	647	517	364	225	135	88.9	64.0	43.8	47.6	47.1	22.8	7.09	4.24	2.87	2.22	1.79	1.50	1.27
0	725	557	384	233	135	83.9	66.3	41.8	45.5	42.9	18.6	6.66	4.03	2.74	2.14	1.74	1.46	1.27
5	667	531	376	232	139	86.4	68.7	44.0	44.1	43.9	22.6	7.37	4.32	2.87	2.21	1.80	1.50	1.27
10	567	442	303	187	120	76.7	60.9	46.0	45.1	39.6	17.6	6.42	3.85	2.66	2.09	1.72	1.45	1.28
15	436	350	253	167	110	74.7	57.2	43.5	44.7	38.2	17.8	6.67	4.00	2.69	2.10	1.72	1.45	1.23
20	280	219	160	121	82.1	66.1	41.4	42.2	44.4	30.2	11.4	5.49	3.44	2.43	1.94	1.59	1.35	1.20
25	198	164	129	100	71.5	55.6	44.3	45.0	42.5	26.6	10.7	5.26	3.38	2.41	1.92	1.60	1.37	1.17
30	104	96.5	84.4	68.5	50.6	39.9	43.9	47.1	36.3	14.8	6.29	4.09	2.80	2.16	1.77	1.49	1.27	1.13
35	79.6	74.1	64.4	54.1	45.6	42.2	42.0	37.8	25.0	11.9	5.71	3.84	2.69	2.09	1.73	1.47	1.29	1.12
40	52.0	49.0	40.5	34.6	39.0	41.5	41.1	25.9	9.83	5.91	4.22	3.01	2.28	1.87	1.57	1.36	1.19	1.09
45	44.5	43.2	38.7	33.5	31.3	28.4	25.1	17.3	8.12	5.06	3.77	2.81	2.19	1.82	1.57	1.37	1.23	1.09
50	36.8	36.3	34.2	30.8	21.7	14.2	8.08	5.95	4.67	3.68	2.85	2.29	1.94	1.68	1.48	1.32	1.16	1.10
55	22.8	21.7	21.4	19.6	14.8	10.5	6.52	4.89	3.93	3.20	2.61	2.18	1.87	1.64	1.47	1.33	1.21	1.11
60	8.19	8.03	7.58	6.85	5.94	4.94	4.05	3.38	2.86	2.46	2.15	1.91	1.71	1.55	1.39	1.29	1.16	1.11
65	5.77	5.67	5.39	4.98	4.45	3.85	3.29	2.86	2.51	2.23	2.00	1.81	1.65	1.51	1.41	1.32	1.21	1.14
70	3.33	3.22	3.07	2.91	2.72	2.53	2.35	2.17	2.02	1.89	1.76	1.65	1.53	1.44	1.36	1.31	1.21	1.17
75	2.63	2.57	2.48	2.38	2.26	2.14	2.02	1.92	1.82	1.72	1.63	1.55	1.49	1.42	1.37	1.33	1.25	1.19
80	1.92	1.89	1.85	1.81	1.76	1.71	1.66	1.62	1.57	1.51	1.47	1.43	1.41	1.37	1.34	1.31	1.25	1.23
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:AED
Test Date:2024-04-15

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: