

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

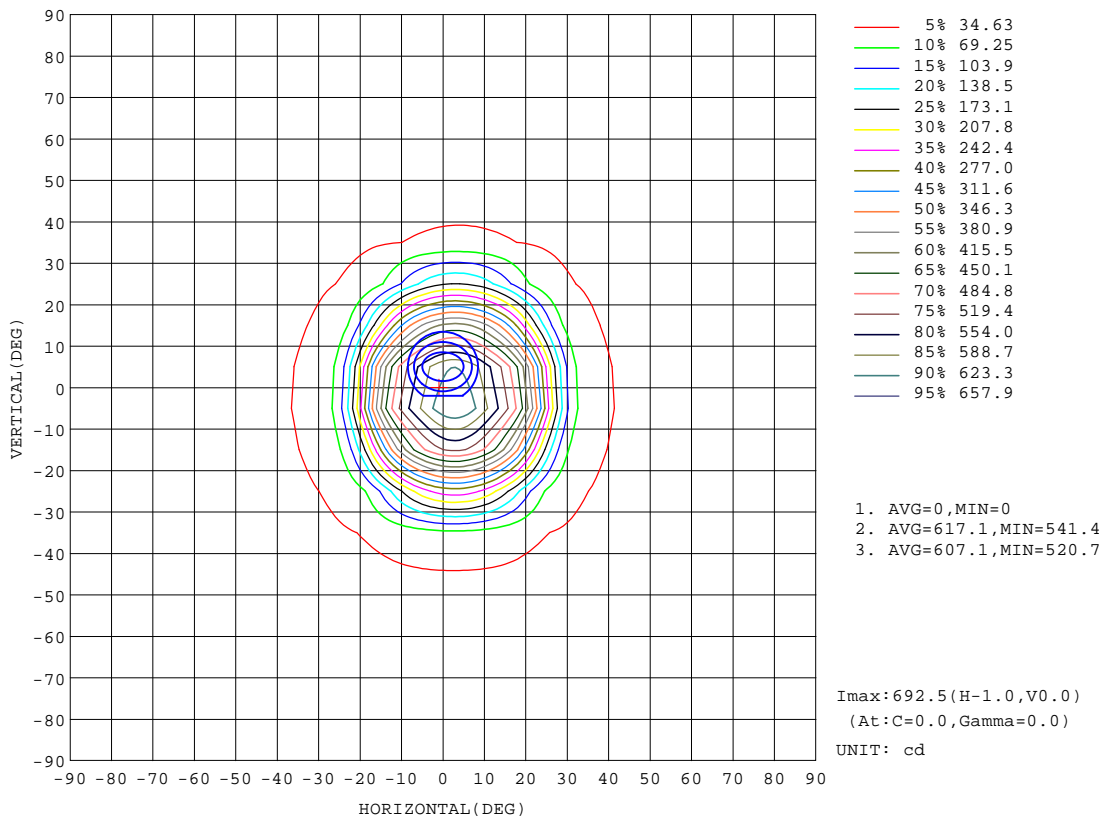
Maximum Intensity (Luminaire orientation as tested.)		1841.8 cd per klm. 0.0 degrees vertical -1.0 degrees horizontal
Beam Spread	At 10% of Imax	60.3V x 60.2H
	At 50% of Imax	40.8V x 41.3H
	At 90% of Imax	13.9V x 14.4H
Beam Flux	Total	995.8 lumens per klm.
	To 10% of Imax	755.8 lumens per klm.
	To 50% of Imax	522.2 lumens per klm.
	To 90% of Imax	73.7 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.6 %
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:2024-11-13

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:220.18V I:0.1001A P:10.484W PF:0.4755 Freq:50.00Hz Lamp Flux:376.005x1 lm		
NAME: 6452 45°	TYPE:	WEIGHT:320g
SPEC.:10W	DIM.: Φ9.5*7.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:45°

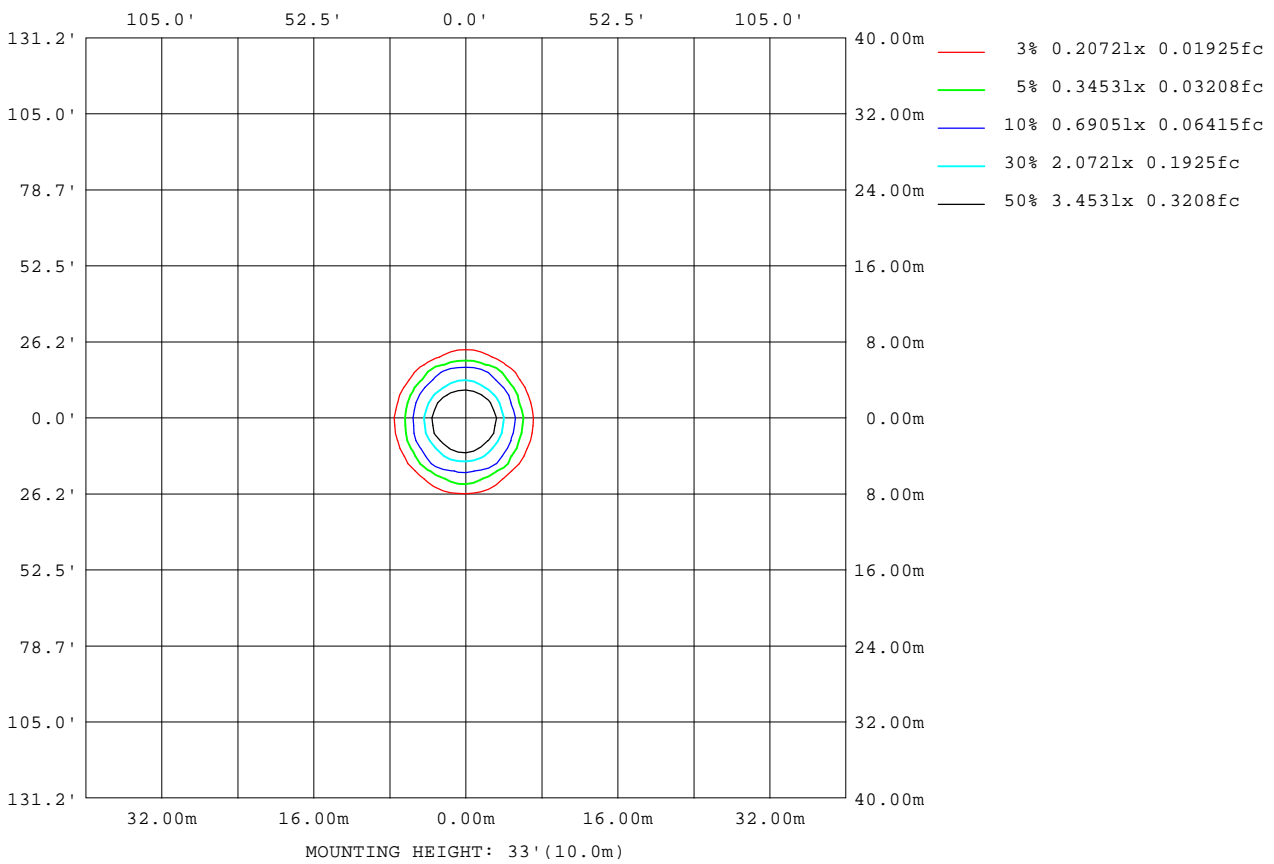


H(h) Range:-90 - 90DEG
 H(h) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-11-13

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

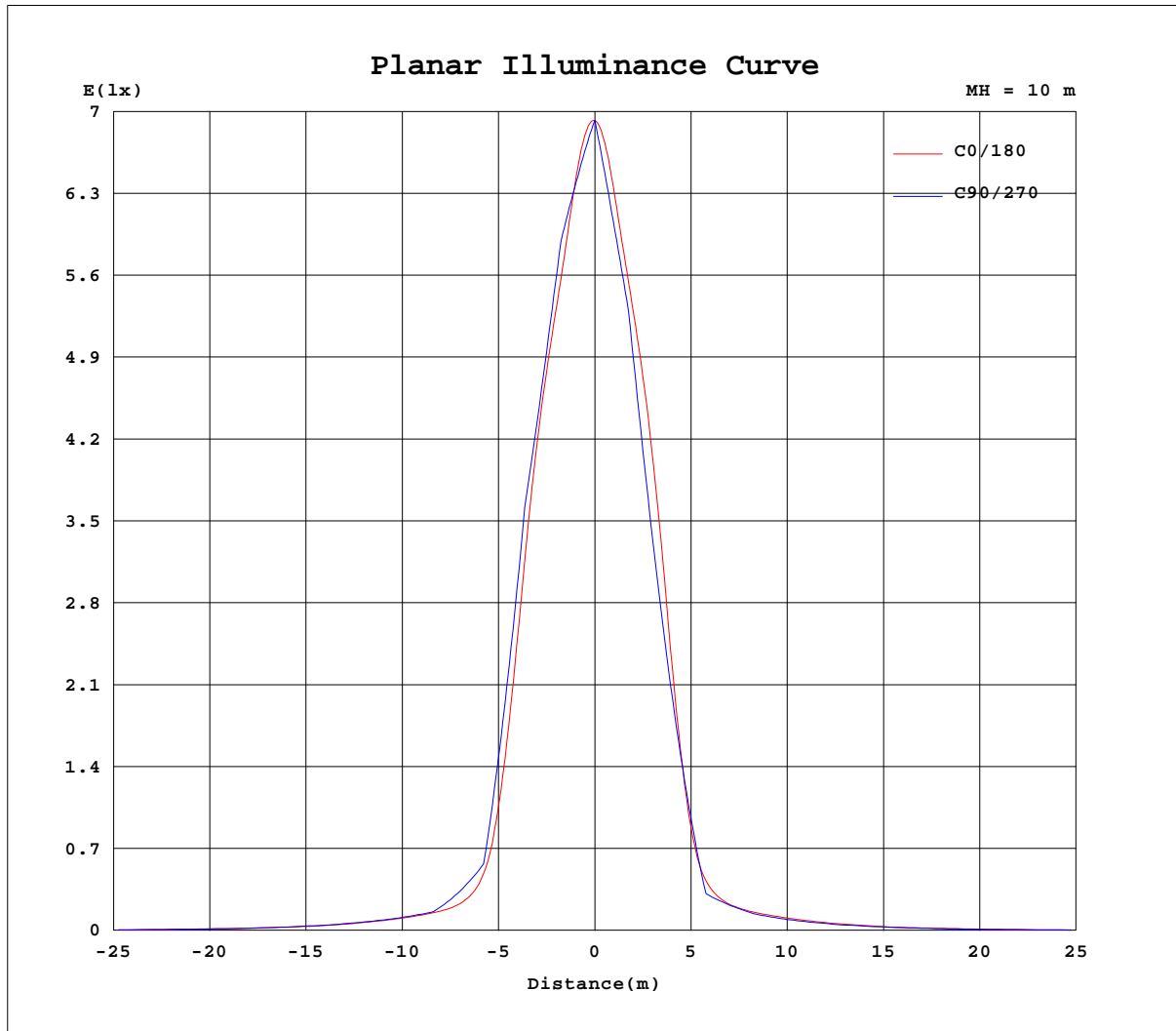
Test:U:220.18V I:0.1001A P:10.484W PF:0.4755 Freq:50.00Hz Lamp Flux:376.005x1 lm		
NAME: 6452 45°	TYPE:	WEIGHT:320g
SPEC.:10W	DIM.: ϕ 9.5*7.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:45°



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-11-13

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



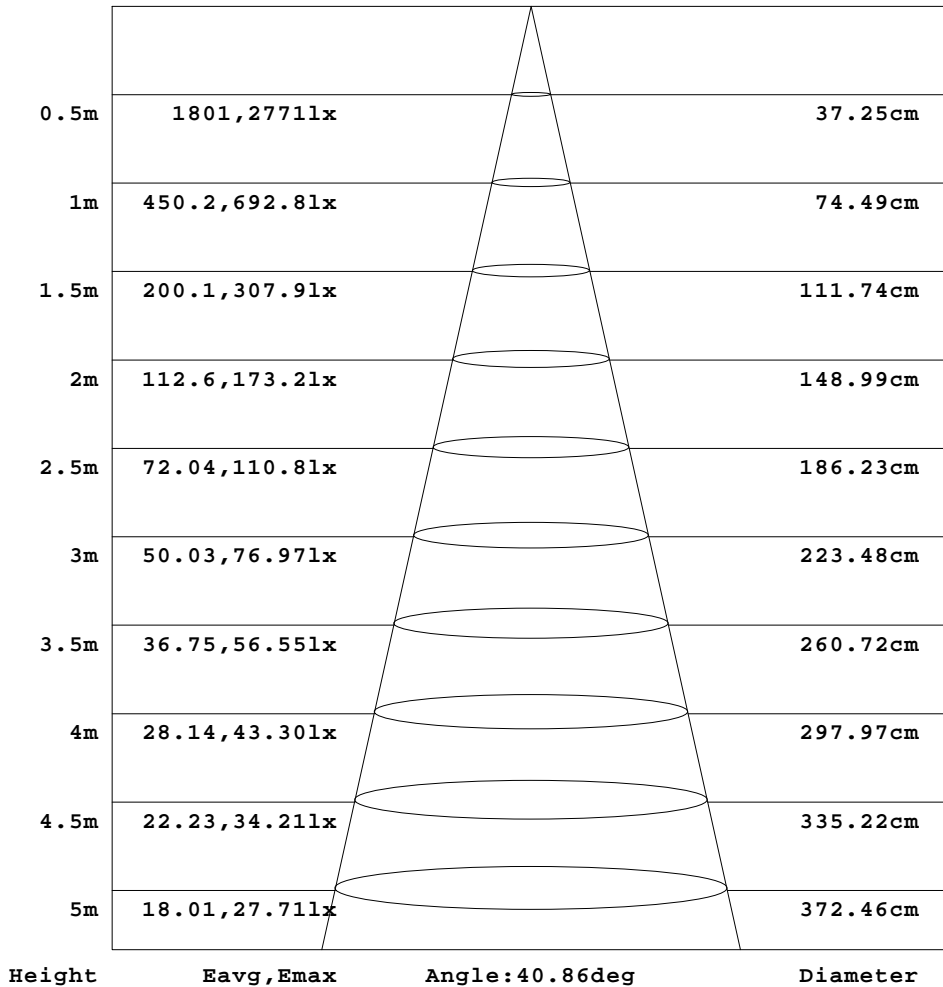
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-11-13

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:220.18V I:0.1001A P:10.484W PF:0.4755 Freq:50.00Hz Lamp Flux:376.005x1 lm		
NAME: 6452 45°	TYPE:	WEIGHT:320g
SPEC.:10W	DIM.: Φ9.5*7.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:45°

Flux out:197.7 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:2024-11-13

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:220.18V I:0.1001A P:10.484W PF:0.4755 Freq:50.00Hz Lamp Flux:376.005x1 lm		
NAME: 6452 45°	TYPE:	WEIGHT:320g
SPEC.:10W	DIM.: φ9.5*7.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:45°

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	1.01	1.04	1.15	1.38	1.61	1.89	2.18	2.51	2.87	3.25	3.62	3.99	4.32	4.62	4.88	5.10	5.29	5.42	5.50
-75	1.00	1.04	1.17	1.48	1.87	2.33	2.88	3.46	4.05	4.66	5.28	5.87	6.43	6.95	7.42	7.82	8.15	8.40	8.57
-70	1.06	1.22	1.67	2.20	2.84	3.66	4.51	5.36	6.22	7.07	7.88	8.66	9.38	10.0	10.6	11.1	11.4	11.7	11.8
-65	1.06	1.09	1.47	2.08	2.88	3.83	4.89	5.99	7.10	8.23	9.35	10.4	11.5	12.5	13.4	14.2	14.8	15.3	15.6
-60	1.10	1.50	2.22	3.21	4.42	5.69	7.05	8.39	9.80	11.2	12.6	13.9	15.2	16.4	17.4	18.3	18.9	19.4	19.5
-55	1.12	1.10	1.82	2.76	4.06	5.49	7.02	8.64	10.3	12.0	13.7	15.5	17.2	18.8	20.3	21.7	22.7	23.4	23.8
-50	1.07	1.81	2.84	4.34	5.98	7.73	9.59	11.5	13.5	15.6	17.7	19.8	21.8	23.7	25.4	26.8	27.7	28.2	28.4
-45	1.14	1.13	2.15	3.51	5.24	7.10	9.12	11.3	13.5	15.9	18.4	20.9	23.4	25.6	27.5	29.2	30.6	31.5	32.1
-40	1.13	2.04	3.53	5.41	7.46	9.69	12.1	14.6	17.3	20.2	23.1	26.1	28.5	30.5	32.3	33.9	35.1	35.8	35.8
-35	1.15	1.19	2.47	4.29	6.40	8.70	11.2	14.0	16.9	20.0	23.4	26.4	29.2	31.9	35.3	40.3	46.9	54.7	60.8
-30	1.17	2.35	4.26	6.51	9.00	11.7	14.7	17.9	21.4	25.1	28.5	31.3	34.2	38.5	46.1	57.1	71.2	84.0	87.5
-25	1.17	1.23	2.82	4.97	7.42	10.1	13.1	16.4	20.0	23.9	27.7	31.0	34.6	41.9	60.3	107	173	228	257
-20	1.20	2.59	4.74	7.30	10.1	13.3	16.8	20.6	24.8	28.8	32.1	36.2	45.6	71.4	144	262	366	423	435
-15	1.18	1.27	3.08	5.43	8.12	11.1	14.5	18.2	22.4	26.9	30.6	34.4	41.8	66.7	146	278	399	477	519
-10	1.22	2.75	5.09	7.81	10.9	14.3	18.2	22.5	27.2	31.0	34.9	43.1	72.0	178	357	494	563	604	615
-5	1.19	1.32	3.19	5.64	8.45	11.6	15.2	19.1	23.6	28.3	32.0	36.3	47.9	93.2	236	415	528	594	645
0	1.24	2.78	5.14	7.90	11.0	14.5	18.5	22.8	27.7	31.5	35.5	45.4	84.3	222	409	528	600	671	691
5	1.18	1.33	3.17	5.59	8.36	11.5	15.0	18.9	23.2	27.9	31.6	35.6	45.8	85.3	212	380	497	567	615
10	1.21	2.71	5.00	7.66	10.6	14.0	17.7	21.8	26.4	30.2	33.7	39.7	60.1	137	289	430	510	546	552
15	1.18	1.28	2.98	5.27	7.86	10.8	14.0	17.5	21.4	25.7	29.5	32.7	38.0	54.1	109	208	311	383	420
20	1.20	2.49	4.57	6.97	9.66	12.6	15.9	19.4	23.3	27.4	30.4	33.3	38.0	50.3	84.5	155	233	285	298
25	1.13	1.20	2.69	4.73	7.02	9.62	12.4	15.5	18.7	22.2	25.9	29.0	31.7	35.5	44.0	65.9	105	145	169
30	1.12	2.23	4.02	6.21	8.51	11.1	13.8	16.7	19.8	23.0	26.5	29.0	31.1	33.0	35.3	38.7	43.1	47.2	48.7
35	1.11	1.14	2.34	4.03	5.99	8.17	10.5	13.0	15.6	18.3	21.2	24.1	26.5	28.6	30.4	32.3	34.6	37.2	39.3
40	1.12	1.94	3.29	5.05	6.93	8.97	11.1	13.4	15.7	18.1	20.6	23.0	25.3	27.2	28.5	29.6	30.3	30.9	31.1
45	1.18	1.11	2.01	3.23	4.83	6.50	8.31	10.2	12.2	14.2	16.2	18.3	20.3	22.2	23.8	25.0	25.9	26.6	27.1
50	1.07	1.68	2.59	3.93	5.38	6.92	8.52	10.2	11.8	13.5	15.2	16.8	18.3	19.7	20.9	21.9	22.7	23.1	23.3
55	1.16	1.10	1.69	2.50	3.61	4.84	6.15	7.50	8.88	10.3	11.6	13.0	14.3	15.5	16.6	17.5	18.3	18.8	19.1
60	1.11	1.41	2.02	2.79	3.79	4.85	5.94	7.04	8.14	9.22	10.3	11.3	12.2	13.0	13.7	14.3	14.8	15.1	15.2
65	1.12	1.13	1.39	1.88	2.49	3.23	4.04	4.91	5.77	6.60	7.40	8.24	9.00	9.69	10.3	10.8	11.3	11.6	11.8
70	1.14	1.20	1.53	1.92	2.36	2.91	3.53	4.15	4.75	5.18	5.90	6.44	6.92	7.36	7.74	8.04	8.28	8.44	8.52
75	1.15	1.15	1.21	1.39	1.63	1.92	2.29	2.66	3.02	3.34	3.65	4.09	4.46	4.79	5.08	5.35	5.57	5.75	5.86
80	1.16	1.16	1.17	1.23	1.37	1.51	1.65	1.76	1.84	1.93	2.10	2.34	2.52	2.70	2.85	3.02	3.15	3.24	3.30
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:2024-11-13

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:220.18V I:0.1001A P:10.484W PF:0.4755 Freq:50.00Hz Lamp Flux:376.005x1 lm		
NAME: 6452 45°	TYPE:	WEIGHT:320g
SPEC.:10W	DIM.: φ9.5*7.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:45°

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	5.53	5.50	5.42	5.29	5.10	4.87	4.62	4.31	3.97	3.61	3.23	2.84	2.49	2.17	1.87	1.58	0.98	0.99
-75	8.64	8.62	8.51	8.32	8.04	7.68	7.25	6.77	6.24	5.68	5.08	4.46	3.83	3.23	2.66	2.14	1.66	0.99
-70	11.7	11.6	11.3	10.9	10.4	9.81	9.13	8.39	7.62	6.79	5.94	5.06	4.21	3.37	2.60	1.98	1.02	0.97
-65	15.6	15.5	15.2	14.7	14.1	13.3	12.4	11.5	10.4	9.34	8.22	7.09	5.97	4.87	3.81	2.83	1.99	1.01
-60	19.4	19.0	18.4	17.6	16.6	15.5	14.2	12.9	11.5	10.1	8.70	7.32	5.97	4.68	3.42	2.35	1.04	0.98
-55	23.9	23.7	23.1	22.3	21.2	19.8	18.3	16.6	14.9	13.1	11.4	9.72	8.07	6.48	4.97	3.54	2.31	1.01
-50	28.1	27.5	26.6	25.3	23.6	21.7	19.7	17.6	15.5	13.4	11.4	9.48	7.63	5.87	4.21	2.72	1.05	1.00
-45	32.0	31.6	30.7	29.5	28.0	26.3	24.4	22.1	19.6	17.1	14.7	12.4	10.1	8.06	6.09	4.26	2.64	1.01
-40	35.2	34.2	32.9	31.4	29.8	27.9	25.6	22.6	19.7	16.9	14.2	11.7	9.30	7.08	5.01	3.15	1.07	1.06
-35	61.2	55.5	47.3	40.1	35.2	32.1	29.7	27.2	24.3	21.1	17.9	14.9	12.1	9.56	7.16	4.97	2.99	1.04
-30	78.7	63.6	49.8	40.6	35.4	32.4	29.9	27.2	23.9	20.2	16.8	13.7	10.8	8.17	5.75	3.57	1.12	1.08
-25	259	233	182	118	65.2	42.7	34.7	31.1	28.1	24.7	20.9	17.3	13.9	10.9	8.13	5.62	3.36	1.10
-20	402	324	211	106	55.4	39.2	33.5	30.3	27.1	23.1	19.1	15.5	12.1	9.15	6.44	4.00	1.20	1.11
-15	521	482	409	297	163	72.7	42.6	34.2	30.6	27.2	23.1	19.0	15.2	11.9	8.83	6.09	3.64	1.17
-10	583	529	433	271	115	52.4	37.0	32.2	28.8	24.9	20.5	16.5	12.9	9.67	6.79	4.21	1.27	1.21
-5	648	598	531	430	262	109	50.3	36.2	31.7	28.3	24.2	19.8	15.9	12.3	9.16	6.30	3.76	1.20
0	639	562	478	327	150	60.0	38.5	32.7	29.2	25.4	20.9	16.8	13.1	9.87	6.91	4.26	1.23	1.23
5	618	572	504	399	238	100	48.4	35.6	31.4	28.0	23.9	19.6	15.7	12.2	9.06	6.23	3.71	1.19
10	529	476	372	217	92.2	47.4	35.5	31.4	28.1	24.2	19.9	16.1	12.6	9.46	6.63	4.11	1.21	1.17
15	422	390	325	228	125	60.2	39.1	32.8	29.5	26.2	22.2	18.3	14.7	11.5	8.54	5.87	3.50	1.14
20	269	205	127	70.2	45.1	35.6	31.7	28.9	25.8	21.9	18.2	14.8	11.6	8.75	6.14	3.80	1.13	1.09
25	172	153	116	75.3	48.8	37.1	32.2	29.3	26.5	23.2	19.7	16.3	13.2	10.4	7.73	5.33	3.17	1.07
30	46.9	42.9	38.4	34.9	32.4	30.2	28.0	25.3	22.0	18.9	15.8	12.9	10.2	7.74	5.44	3.36	1.05	1.02
35	39.9	38.5	36.1	33.5	31.2	29.2	27.2	24.8	22.2	19.3	16.6	13.9	11.3	8.95	6.70	4.64	2.77	1.02
40	30.9	30.4	29.5	28.4	26.9	25.0	22.6	20.2	17.8	15.3	13.0	10.7	8.58	6.54	4.63	2.88	1.01	1.00
45	27.2	27.0	26.4	25.5	24.4	23.0	21.3	19.3	17.3	15.2	13.2	11.2	9.20	7.34	5.55	3.88	2.41	0.99
50	23.1	22.7	21.9	20.9	19.7	18.3	16.8	15.2	13.5	11.8	10.1	8.44	6.83	5.26	3.78	2.46	1.00	0.98
55	19.2	19.1	18.7	18.1	17.3	16.3	15.2	13.9	12.6	11.3	9.86	8.46	7.07	5.71	4.39	3.14	2.09	1.01
60	15.1	14.9	14.5	14.0	13.3	12.5	11.6	10.6	9.56	8.47	7.37	6.25	5.14	4.05	2.99	2.14	1.03	1.07
65	11.9	11.8	11.6	11.3	10.9	10.4	9.79	9.11	8.35	7.56	6.72	5.86	4.99	4.12	3.27	2.48	1.79	1.05
70	8.52	8.45	8.29	8.05	7.73	7.36	6.91	6.42	5.89	5.31	4.70	4.08	3.45	2.82	2.27	1.79	1.09	1.00
75	5.92	5.92	5.88	5.78	5.62	5.42	5.18	4.89	4.57	4.22	3.86	3.47	3.07	2.67	2.27	1.93	1.52	1.09
80	3.33	3.33	3.32	3.27	3.20	3.11	2.98	2.84	2.70	2.55	2.38	2.21	2.05	1.88	1.72	1.50	1.12	0.99
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:2024-11-13

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: