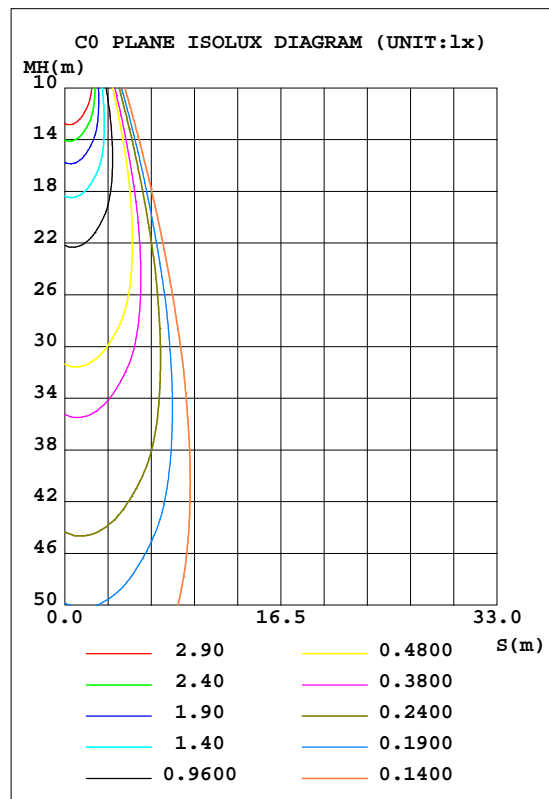
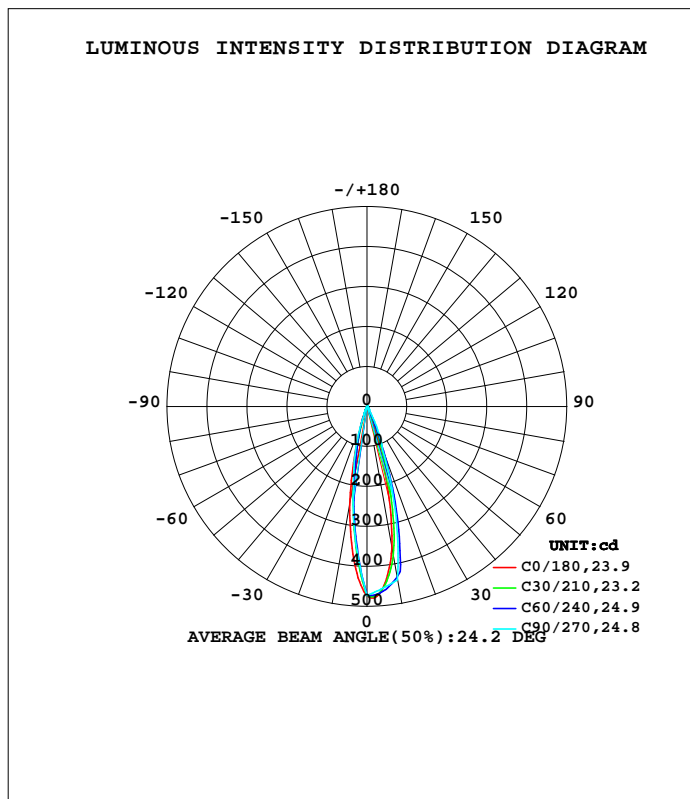


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I _{max} (cd)	479.2	S/MH(C0/180)	0.36
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.29
RATED VOLTAGE(V)		TOTAL FLUX(lm)	96.554	h UP, DN(C0-180)	0.0,63.3
NOMINAL FLUX(lm)	96.5539	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0,36.7
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	0	h down(%)	100.0	CIBSE SHR MAX	1.00



H(h) Range:-90 - 90DEG
 H(h) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-26

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	360.3	407.9	440.3	315.2	250.8	182.6	193.6	237.5	0- 10	34.62	34.62	35.9,35.9
20	58.49	119.3	116.5	76.74	33.02	28.80	22.89	44.63	10- 20	44.46	79.09	81.9,81.9
30	6.047	9.813	11.07	8.793	5.881	4.510	3.879	5.241	20- 30	11.35	90.44	93.7,93.7
40	1.501	1.587	2.025	1.569	1.870	1.262	1.301	1.183	30- 40	2.158	92.60	95.9,95.9
50	1.038	0.9042	1.244	0.9414	1.243	0.9098	1.009	0.8724	40- 50	0.9520	93.55	96.9,96.9
60	0.9127	0.8086	1.089	0.8484	0.9982	0.8349	0.9014	0.8272	50- 60	0.8449	94.39	97.8,97.8
70	0.8156	0.8358	0.9241	0.8317	0.8954	0.8305	0.8442	0.8187	60- 70	0.8531	95.25	98.6,98.6
80	0.8214	0.7993	0.7986	0.8042	0.8215	0.8018	0.8043	0.8072	70- 80	0.8607	96.11	99.5,99.5
90	0.8385	0	0	0	0.7929	0	0	0	80- 90	0.4477	96.55	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 93.101 lm

%lum = 96.4%
 %lamp = 96.4%

Conical surface Flux(120deg): 94.392 lm

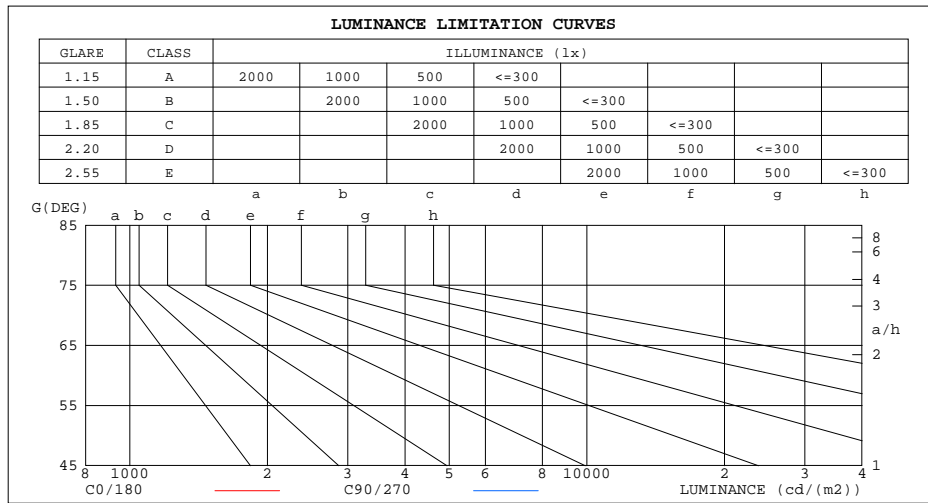
%lum = 97.8%
 %lamp = 97.8%

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-26

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:

LUMINANCE LIMITATION CURVES

Test:U:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	96	0
80	47	46
75	30	33
70	24	27
65	20	24
60	18	22
55	17	20
50	16	19
45	17	23

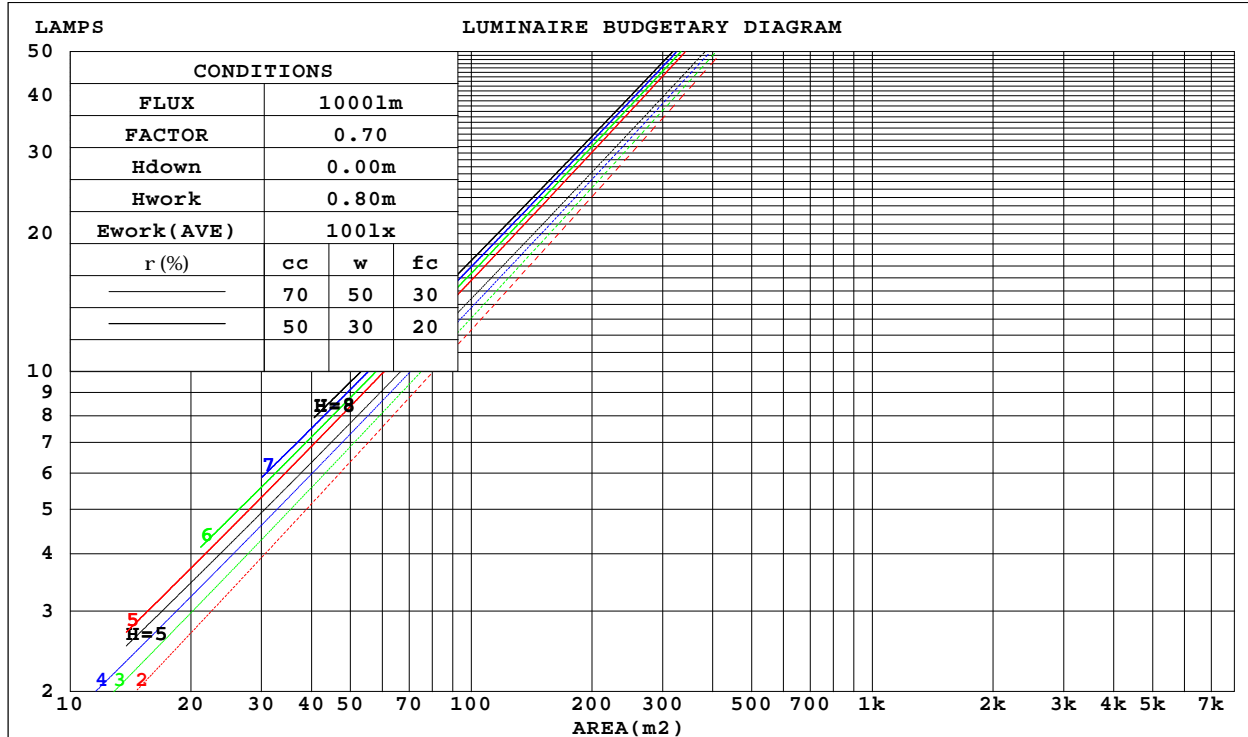
H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-26

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.02	.00	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.98	.95	1.01	.97	.95	.98	.96	.93	.96	.94	.92	.94	.92	.90	.89
4.0	.98	.94	.91	.97	.93	.90	.95	.92	.89	.93	.91	.88	.92	.89	.87	.86
5.0	.95	.90	.87	.94	.90	.87	.92	.89	.86	.91	.88	.85	.89	.87	.85	.84
6.0	.91	.87	.84	.91	.87	.84	.89	.86	.83	.88	.85	.83	.87	.84	.82	.81
7.0	.89	.84	.81	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.79
8.0	.86	.82	.79	.85	.81	.79	.85	.81	.78	.84	.80	.78	.83	.80	.78	.77
9.0	.84	.79	.77	.83	.79	.77	.82	.79	.76	.82	.78	.76	.81	.78	.76	.75
10.0	.81	.77	.75	.81	.77	.75	.80	.77	.74	.80	.76	.74	.79	.76	.74	.73



H_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-26

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:

WEC AND CCEC

Test:U:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: Φ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

rcc	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.148	.084	.027	.141	.080	.026	.129	.074	.024	.117	.068	.022	.107	.062	.020	
2.0	.135	.074	.023	.129	.071	.022	.119	.066	.021	.109	.061	.019	.101	.057	.018	
3.0	.124	.066	.020	.119	.064	.019	.111	.060	.018	.103	.056	.017	.095	.053	.016	
4.0	.115	.060	.018	.111	.058	.017	.104	.055	.016	.097	.052	.016	.091	.049	.015	
5.0	.108	.055	.016	.104	.054	.016	.098	.051	.015	.092	.049	.014	.087	.046	.014	
6.0	.101	.051	.015	.098	.050	.014	.093	.048	.014	.088	.046	.013	.083	.044	.013	
7.0	.096	.047	.013	.093	.046	.013	.088	.045	.013	.084	.043	.013	.080	.042	.012	
8.0	.091	.044	.012	.089	.044	.012	.084	.042	.012	.081	.041	.012	.077	.040	.012	
9.0	.086	.042	.012	.084	.041	.012	.081	.040	.011	.078	.039	.011	.074	.038	.011	
10.0	.082	.040	.011	.081	.039	.011	.078	.038	.011	.075	.037	.011	.072	.036	.010	

rcc	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.169	.158	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.151	.133	.117	.130	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.013	
3.0	.136	.113	.095	.117	.098	.082	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.124	.098	.078	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.065	.097	.074	.057	.067	.052	.040	.039	.030	.024	.012	.010	.008	
6.0	.104	.076	.055	.090	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.096	.068	.047	.083	.059	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.090	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.084	.055	.036	.072	.048	.031	.050	.034	.022	.029	.020	.013	.009	.007	.004	
10.0	.079	.050	.031	.068	.044	.027	.047	.031	.019	.028	.018	.012	.009	.006	.004	

H_(h) Range:-90 - 90DEG
H_(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-26

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:

UGR(Unified Glare Rating) Table

Test:U:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm										
NAME: 6502			TYPE:			WEIGHT:				
SPEC.:3W			DIM.: Φ 4.2*H5CM			SERIAL No.:01				
MFR.: NORDECOR			SUR.:			Shielding Angle:24°				
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	-2.7	-2.1	-2.5	-1.9	-1.8	-0.6	0.1	-0.4	0.2	0.4
3H	-0.1	0.5	0.1	0.7	0.9	1.5	2.1	1.8	2.3	2.5
4H	1.5	2.1	1.7	2.3	2.5	2.8	3.4	3.1	3.6	3.8
6H	3.4	4.0	3.7	4.2	4.5	4.4	4.9	4.7	5.2	5.4
8H	4.6	5.1	4.9	5.4	5.6	4.8	5.3	5.1	5.6	5.8
12H	5.9	6.4	6.2	6.7	7.0	4.8	5.3	5.1	5.6	5.9
4H 2H	-1.8	-1.2	-1.5	-1.0	-0.8	-0.1	0.5	0.2	0.7	0.9
3H	1.0	1.6	1.3	1.8	2.1	2.4	2.9	2.7	3.2	3.5
4H	2.8	3.3	3.1	3.6	3.9	4.0	4.5	4.3	4.7	5.0
6H	4.9	5.4	5.3	5.7	6.0	5.8	6.2	6.1	6.5	6.9
8H	6.2	6.6	6.5	6.9	7.3	6.2	6.6	6.6	7.0	7.4
12H	7.6	8.0	8.0	8.3	8.7	6.3	6.6	6.7	7.0	7.4
8H 4H	3.7	4.1	4.0	4.4	4.8	4.6	5.0	5.0	5.3	5.7
6H	6.0	6.4	6.5	6.8	7.2	6.7	7.0	7.1	7.4	7.8
8H	7.4	7.7	7.9	8.2	8.6	7.2	7.5	7.7	8.0	8.4
12H	9.1	9.3	9.5	9.8	10.2	7.3	7.5	7.7	8.0	8.4
12H 4H	3.9	4.3	4.3	4.6	5.0	4.7	5.1	5.1	5.5	5.9
6H	6.4	6.7	6.8	7.1	7.5	6.9	7.2	7.4	7.7	8.1
8H	7.9	8.2	8.4	8.6	9.1	7.6	7.8	8.0	8.3	8.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.2					+ 0.3 / - 0.2				
2.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.2				

CIE Pub.117, 96.55 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -8.1)
Area: 0.1 m2

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-26

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:

UTILIZATION FACTORS TABLE

Test:U:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

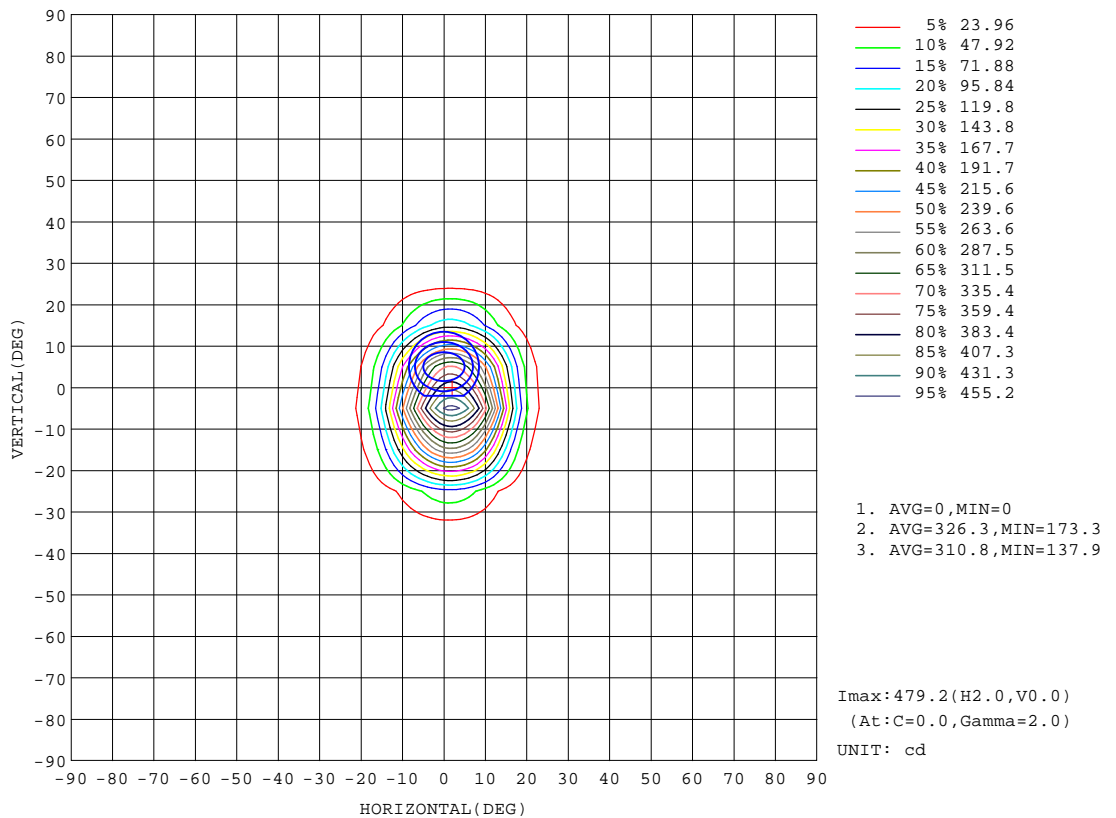
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	89	83	80	89	83	79	88	83	79	76
0.80	96	91	87	95	90	87	94	90	87	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-26

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:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°



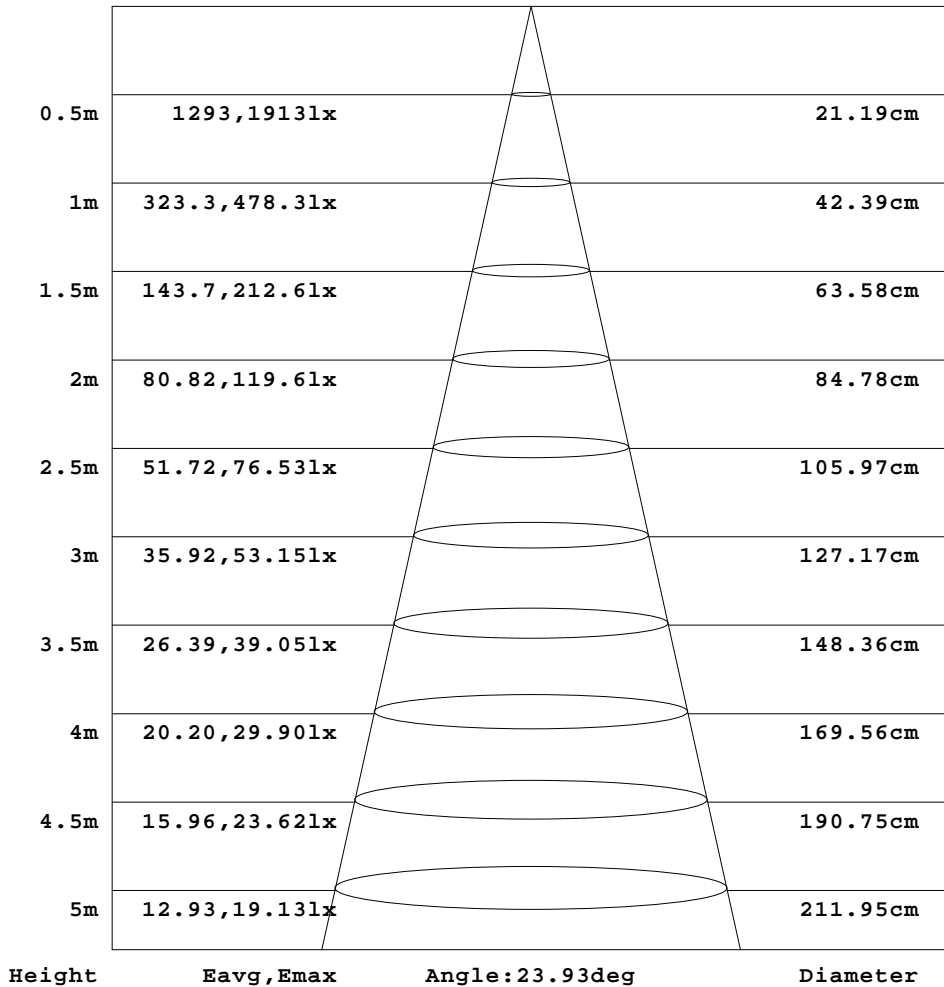
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-26

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:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Flux out:45.88 lm



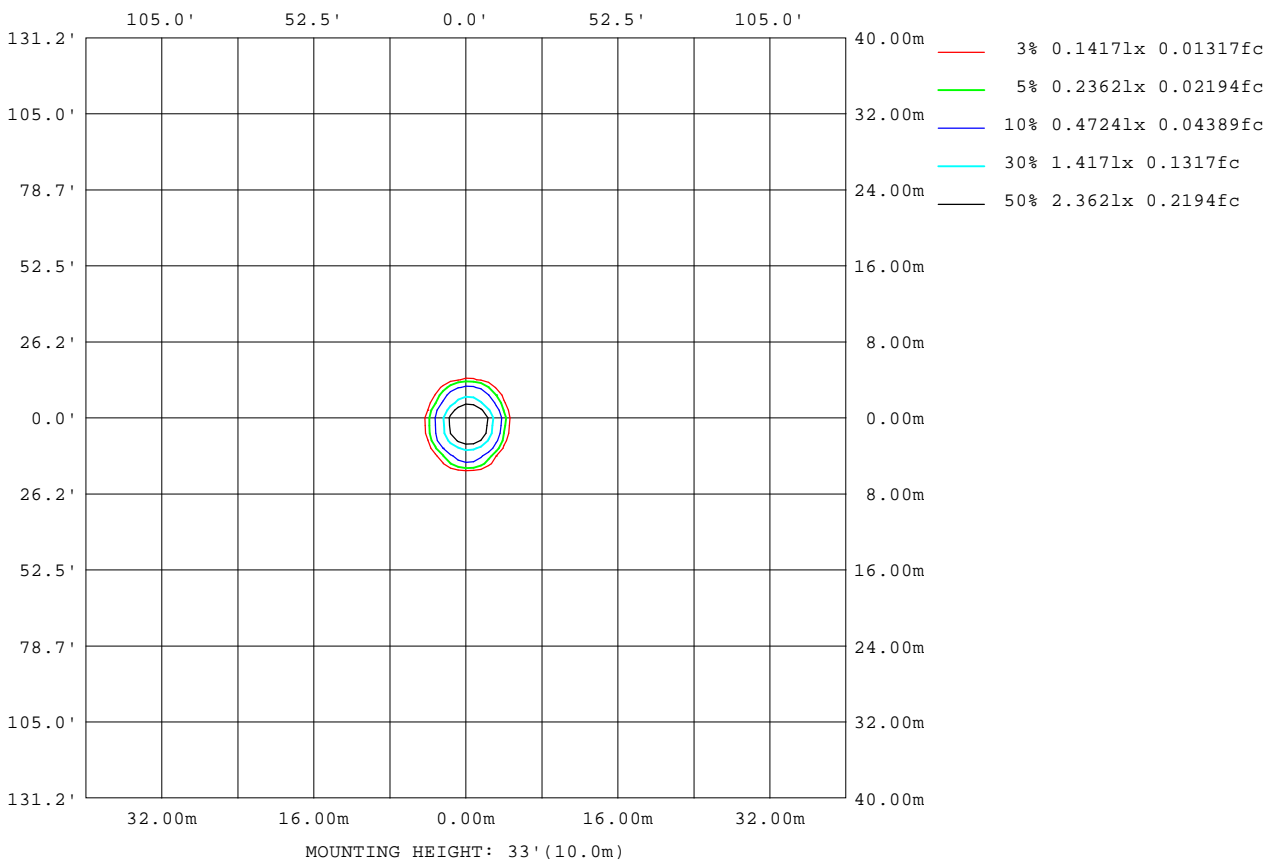
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(b) Range:-90 - 90DEG
 H(b) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-26

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:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: Φ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°



H_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-26

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:

LED Avg.L Report

Test:U:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

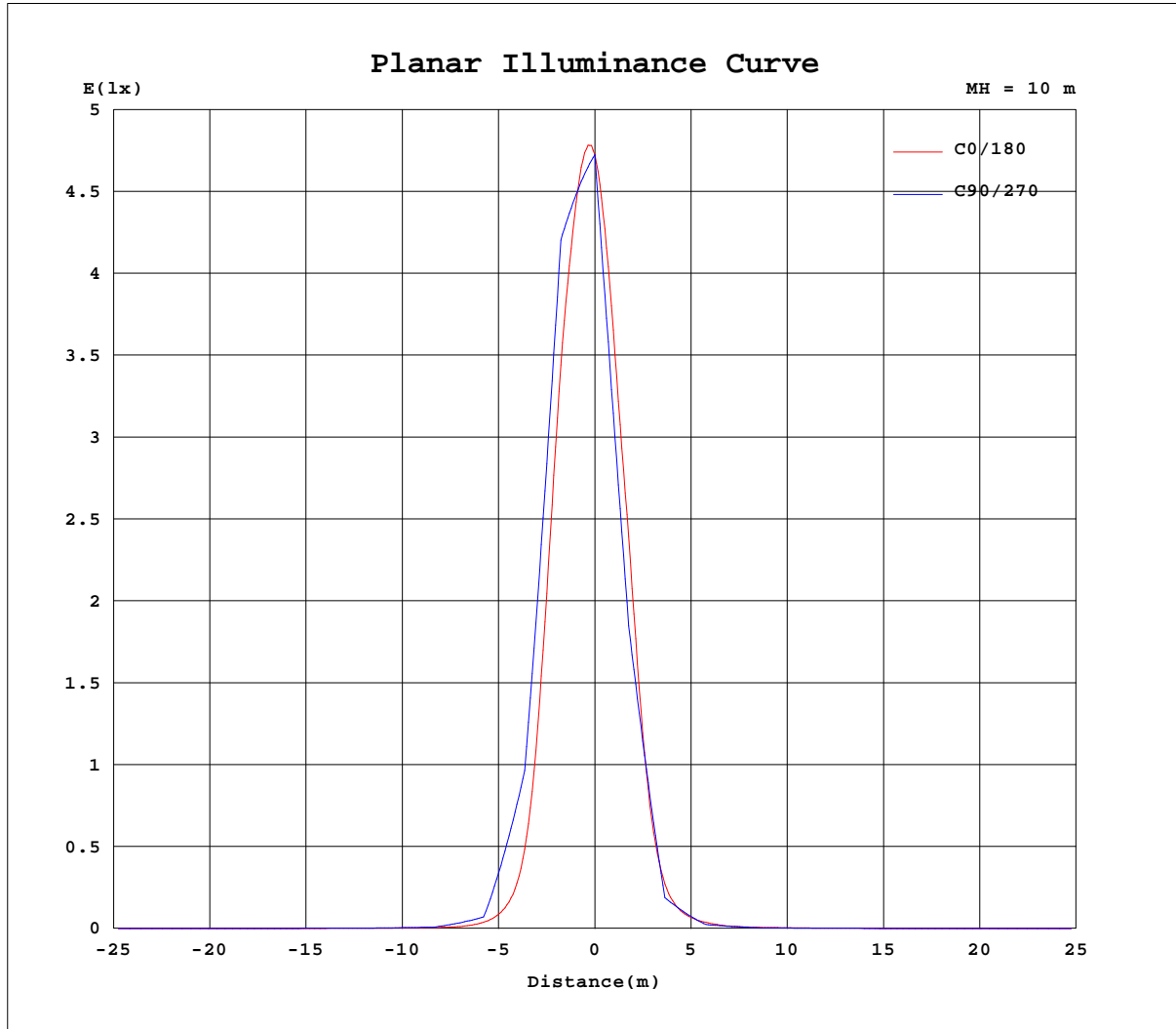
AvgL	cd/m2
L_0~180(65)av	21
L_0~180(75)av	32
L_0~180(85)av	95
L_90~270(65)av	22
L_90~270(75)av	33
L_90~270(85)av	0
L_45(65)av	20
L_45(75)av	32
L_45(85)av	37

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-26

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:2024-03-26

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:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Table--1 UNIT: cd

C(DEG) g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472
5	457	456	456	456	456	456	457	459	460	461	462	463	464	464	464	463	462	459	456
10	360	358	358	360	364	371	378	388	397	408	417	426	434	439	444	447	447	445	440
15	188	186	187	192	201	215	232	254	277	289	295	299	300	298	296	292	288	284	278
20	58.5	57.1	58.2	61.4	67.2	75.7	89.1	98.9	110	119	127	132	134	132	130	127	123	120	116
25	17.1	16.6	16.8	17.6	19.5	21.5	23.9	27.0	30.3	32.3	30.5	33.2	40.2	47.8	54.9	60.6	64.1	65.0	63.8
30	6.05	5.87	5.96	6.27	6.69	7.08	7.52	8.02	8.34	9.81	11.4	13.2	15.1	16.8	17.3	16.2	13.9	11.9	11.1
35	2.38	2.37	2.44	2.58	2.67	2.78	2.83	3.08	3.39	3.74	3.86	3.56	4.11	4.81	5.49	6.01	6.33	6.51	6.55
40	1.50	1.51	1.55	1.55	1.52	1.51	1.56	1.60	1.62	1.59	1.73	1.94	2.23	2.45	2.52	2.45	2.27	2.11	2.02
45	1.19	1.17	1.17	1.17	1.15	1.11	1.09	1.04	1.09	1.16	1.20	1.21	1.25	1.34	1.43	1.53	1.59	1.64	1.63
50	1.04	1.02	1.00	0.98	0.95	0.91	0.90	0.91	0.90	0.90	0.96	1.01	1.08	1.14	1.21	1.21	1.23	1.25	1.24
55	0.95	0.94	0.92	0.92	0.86	0.84	0.81	0.82	0.81	0.84	0.87	0.91	0.93	1.02	1.07	1.11	1.14	1.16	1.17
60	0.91	0.93	0.91	0.84	0.81	0.78	0.77	0.78	0.78	0.81	0.86	0.89	0.94	0.99	1.03	1.05	1.08	1.09	1.09
65	0.84	0.87	0.81	0.82	0.78	0.76	0.73	0.76	0.79	0.82	0.86	0.90	0.92	0.95	0.98	0.99	1.01	1.00	1.01
70	0.82	0.83	0.78	0.76	0.73	0.73	0.76	0.79	0.82	0.84	0.85	0.88	0.88	0.91	0.91	0.93	0.93	0.91	0.92
75	0.79	0.79	0.75	0.73	0.71	0.76	0.79	0.80	0.81	0.83	0.84	0.84	0.85	0.86	0.86	0.86	0.87	0.86	0.86
80	0.82	0.79	0.75	0.75	0.78	0.79	0.79	0.80	0.79	0.80	0.80	0.80	0.81	0.80	0.82	0.81	0.81	0.82	0.80
85	0.84	0.75	0.78	0.78	0.78	0.78	0.75	0.56	0.42	0.32	0.24	0.17	0.12	0.08	0.05	0.03	0.01	0.00	0.00
90	0.84	0.00	0.00	0.00	0.00	0.00	0.00	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:AED
Test Date:2024-03-26

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:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Table--2

UNIT: cd

C(DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472
5	452	448	443	437	432	426	420	414	408	402	397	393	390	387	385	384	384	384	375
10	432	421	409	395	379	363	346	330	315	301	288	276	266	259	253	250	250	251	237
15	271	263	255	246	238	229	220	209	198	184	164	146	132	121	113	108	106	106	97.9
20	112	108	105	102	100	96.4	91.4	84.7	76.7	68.9	61.8	55.8	47.9	41.7	37.4	34.8	33.2	33.0	30.5
25	60.2	55.2	49.2	42.9	36.7	31.1	26.2	23.7	23.8	22.1	20.1	18.3	17.0	15.4	13.8	12.8	12.3	12.2	11.3
30	11.7	13.1	14.2	14.5	13.9	12.6	11.2	9.89	8.79	7.93	7.61	7.28	6.99	6.84	6.47	6.05	5.86	5.88	5.42
35	6.46	6.18	5.79	5.26	4.66	3.99	3.33	3.65	3.68	3.58	3.31	2.99	3.09	3.12	3.06	2.87	2.81	2.83	2.64
40	2.06	2.21	2.35	2.42	2.36	2.13	1.88	1.69	1.57	1.67	1.69	1.70	1.73	1.80	1.86	1.86	1.85	1.87	1.76
45	1.61	1.57	1.49	1.39	1.30	1.22	1.20	1.20	1.18	1.17	1.16	1.25	1.31	1.37	1.42	1.47	1.46	1.48	1.39
50	1.27	1.26	1.23	1.19	1.13	1.07	1.02	0.98	0.94	0.96	0.99	1.01	1.08	1.14	1.19	1.22	1.23	1.24	1.19
55	1.18	1.15	1.12	1.07	1.02	0.98	0.93	0.91	0.88	0.86	0.86	0.90	0.93	1.00	1.06	1.04	1.06	1.10	1.06
60	1.09	1.07	1.04	1.02	0.98	0.94	0.90	0.86	0.85	0.83	0.82	0.83	0.86	0.90	0.95	0.96	0.95	1.00	0.96
65	1.01	0.99	0.97	0.96	0.94	0.92	0.89	0.87	0.84	0.81	0.79	0.79	0.81	0.84	0.89	0.93	0.88	0.95	0.91
70	0.93	0.92	0.91	0.91	0.90	0.87	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.81	0.83	0.87	0.87	0.90	0.87
75	0.87	0.87	0.86	0.85	0.84	0.85	0.84	0.83	0.83	0.82	0.81	0.80	0.79	0.78	0.79	0.81	0.85	0.87	0.79
80	0.81	0.82	0.81	0.79	0.80	0.80	0.80	0.80	0.80	0.79	0.80	0.81	0.79	0.79	0.77	0.78	0.82	0.82	0.79
85	0.00	0.01	0.03	0.05	0.08	0.12	0.17	0.24	0.32	0.43	0.56	0.76	0.77	0.78	0.79	0.78	0.76	0.82	0.77
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	0.79	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-26

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:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Table--3

UNIT: cd

C (DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472
5	366	358	351	345	339	335	332	329	327	326	325	325	326	327	329	330	333	335	339
10	225	215	206	199	193	188	185	183	181	181	182	183	184	186	188	190	194	197	200
15	92.1	87.7	84.0	81.0	77.7	74.5	70.5	72.8	77.6	82.5	87.2	91.8	96.0	99.5	103	105	108	111	113
20	28.9	27.7	26.6	25.4	24.3	25.6	27.1	28.8	30.5	31.7	32.3	31.8	30.1	27.7	25.0	23.2	22.9	24.3	27.7
25	10.8	10.4	10.2	10.1	10.2	10.3	10.4	10.3	9.43	9.43	10.0	10.7	11.4	12.0	12.4	13.0	13.4	13.6	13.8
30	5.12	4.94	4.78	4.64	4.50	4.40	4.27	4.51	4.65	4.81	4.91	4.89	4.73	4.51	4.24	3.98	3.88	4.00	4.37
35	2.51	2.40	2.34	2.26	2.06	2.02	2.13	2.27	2.19	1.91	1.99	2.14	2.29	2.41	2.51	2.57	2.59	2.57	2.52
40	1.67	1.59	1.50	1.37	1.36	1.34	1.31	1.26	1.32	1.36	1.42	1.45	1.45	1.42	1.36	1.33	1.30	1.31	1.36
45	1.33	1.24	1.18	1.12	1.08	1.03	1.04	1.06	1.06	1.06	1.06	1.08	1.11	1.13	1.13	1.15	1.16	1.14	1.13
50	1.13	1.06	1.03	0.94	0.92	0.92	0.91	0.91	0.94	0.96	0.96	0.99	1.01	0.99	1.00	1.00	1.01	1.00	0.99
55	0.99	0.93	0.91	0.87	0.87	0.85	0.86	0.87	0.88	0.90	0.91	0.92	0.93	0.93	0.94	0.94	0.96	0.94	0.94
60	0.93	0.86	0.80	0.81	0.81	0.82	0.84	0.83	0.85	0.86	0.88	0.89	0.89	0.89	0.90	0.89	0.90	0.89	0.89
65	0.85	0.79	0.79	0.80	0.81	0.81	0.82	0.84	0.84	0.86	0.85	0.86	0.86	0.87	0.87	0.87	0.87	0.86	0.86
70	0.81	0.78	0.79	0.79	0.80	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.84	0.84	0.85	0.84	0.84	0.84	0.83
75	0.78	0.78	0.78	0.79	0.80	0.81	0.81	0.82	0.81	0.81	0.81	0.81	0.82	0.82	0.82	0.82	0.82	0.82	0.82
80	0.77	0.78	0.79	0.80	0.80	0.80	0.81	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.79	0.80	0.81	0.80
85	0.78	0.79	0.79	0.79	0.78	0.58	0.43	0.32	0.24	0.18	0.12	0.08	0.05	0.03	0.01	0.00	0.00	0.00	0.01
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:AED
Test Date:2024-03-26

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:220.31V I:0.0276A P:3.0771W PF:0.5062 Freq:50.00Hz Lamp Flux:96.5539x1 lm		
NAME: 6502	TYPE:	WEIGHT:
SPEC.:3W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Table--4

UNIT: cd

C(DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472				
5	342	346	351	355	361	366	372	379	387	395	404	413	423	434	445				
10	204	209	213	219	224	230	238	246	255	266	278	291	306	322	340				
15	114	116	116	115	113	111	108	107	117	125	133	142	151	161	173				
20	32.3	37.3	41.6	44.8	46.1	46.1	44.6	42.9	40.8	39.1	42.1	45.3	47.6	50.1	53.5				
25	13.8	13.6	13.3	12.8	12.2	12.5	14.6	15.1	15.0	14.6	14.2	14.3	14.5	15.0	15.8				
30	4.81	5.19	5.66	5.83	5.83	5.61	5.24	4.73	5.02	5.14	5.20	5.25	5.24	5.32	5.57				
35	2.40	2.24	2.05	1.90	1.83	2.25	2.31	2.08	1.94	1.95	2.06	2.08	2.11	2.15	2.23				
40	1.40	1.42	1.40	1.36	1.30	1.25	1.18	1.23	1.24	1.23	1.23	1.29	1.35	1.38	1.43				
45	1.12	1.09	1.06	1.02	1.01	1.00	0.98	0.97	0.94	0.97	0.98	1.00	1.06	1.11	1.15				
50	0.99	0.98	0.97	0.95	0.92	0.89	0.87	0.86	0.85	0.84	0.87	0.89	0.93	0.98	1.01				
55	0.94	0.92	0.90	0.88	0.87	0.85	0.84	0.81	0.81	0.80	0.80	0.82	0.86	0.91	0.94				
60	0.90	0.88	0.88	0.87	0.86	0.84	0.83	0.81	0.79	0.76	0.76	0.78	0.81	0.86	0.90				
65	0.87	0.86	0.85	0.85	0.84	0.82	0.82	0.81	0.78	0.76	0.76	0.76	0.78	0.82	0.87				
70	0.84	0.84	0.83	0.83	0.83	0.82	0.82	0.80	0.79	0.78	0.76	0.73	0.76	0.79	0.84				
75	0.82	0.82	0.82	0.81	0.81	0.81	0.82	0.80	0.80	0.80	0.77	0.75	0.74	0.76	0.79				
80	0.81	0.81	0.80	0.81	0.80	0.80	0.81	0.80	0.80	0.80	0.79	0.78	0.76	0.73	0.78				
85	0.03	0.05	0.08	0.12	0.18	0.24	0.33	0.44	0.58	0.78	0.79	0.79	0.79	0.76	0.74				
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				

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-26

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: