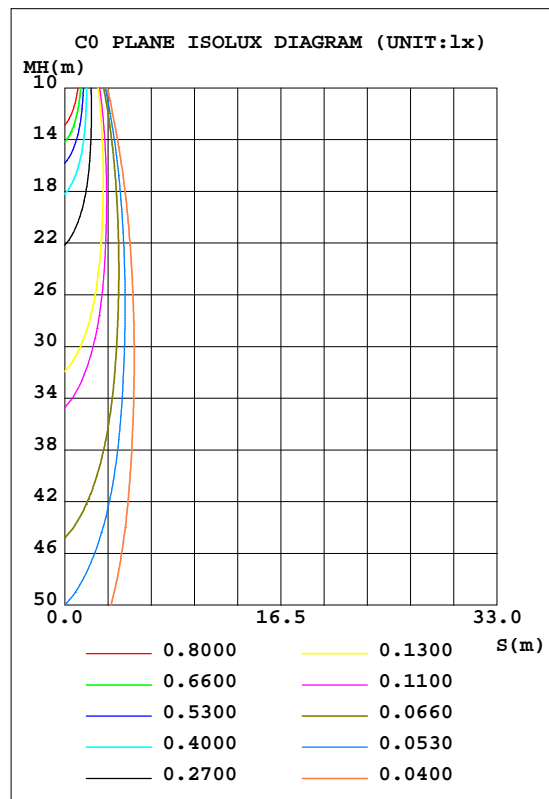
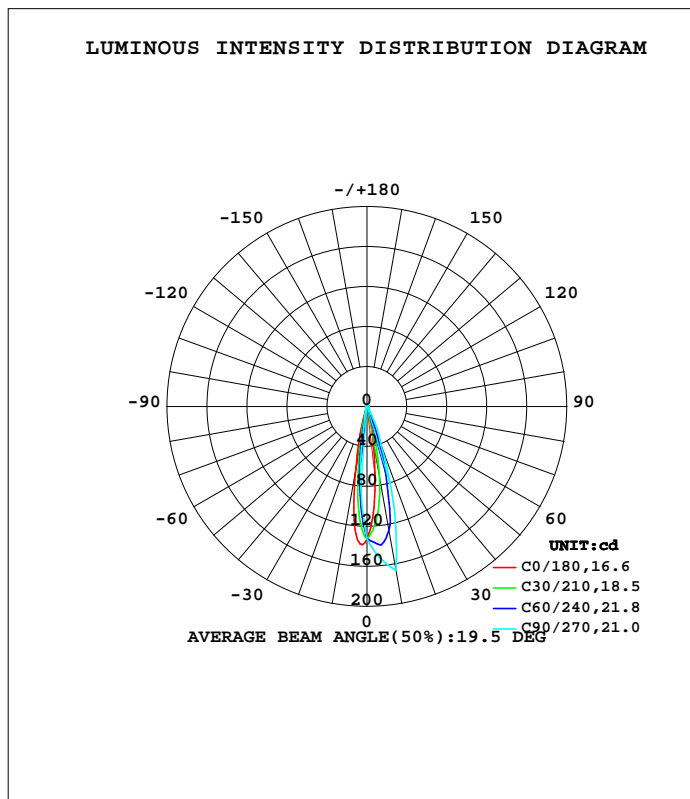


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

DATA OF LAMP		PHOTOMETRIC DATA Eff: 20.94 lm/W			
MODEL		I _{max} (cd)	168.0	S/MH(C0/180)	0.33
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.20
RATED VOLTAGE(V)		TOTAL FLUX(lm)	27.848	h UP, DN(C0-180)	0.0,70.9
NOMINAL FLUX(lm)	27.8484	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0,29.1
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(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-25

V(β) Range:-80 - 80DEG
 V(β) 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	37.86	96.87	166.7	124.2	67.31	34.59	13.83	28.53	0- 10	9.175	9.175	32.9,32.9
20	2.892	17.42	41.44	21.46	4.657	2.994	2.307	2.630	10- 20	9.793	18.97	68.1,68.1
30	2.094	2.187	2.587	2.606	2.464	2.047	1.899	1.948	20- 30	2.562	21.53	77.3,77.3
40	1.726	1.831	2.105	1.974	1.893	1.617	1.600	1.582	30- 40	1.256	22.79	81.8,81.8
50	1.463	1.525	1.706	1.555	1.540	1.377	1.380	1.390	40- 50	1.258	24.04	86.3,86.3
60	1.252	1.312	1.429	1.323	1.289	1.192	1.204	1.065	50- 60	1.231	25.27	90.8,90.8
70	1.078	1.129	1.186	1.129	1.106	0.9718	0.7900	0.8587	60- 70	1.136	26.41	94.8,94.8
80	0.8929	0.9574	0.9840	0.9512	0.8527	0.7057	0.6988	0.7813	70- 80	0.9835	27.39	98.4,98.4
90	0.7216	0	0	0	0.7301	0	0	0	80- 90	0.4542	27.85	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): 23.416 lm

%lum = 84.1%
%lamp = 84.1%

Conical surface Flux(120deg): 25.274 lm

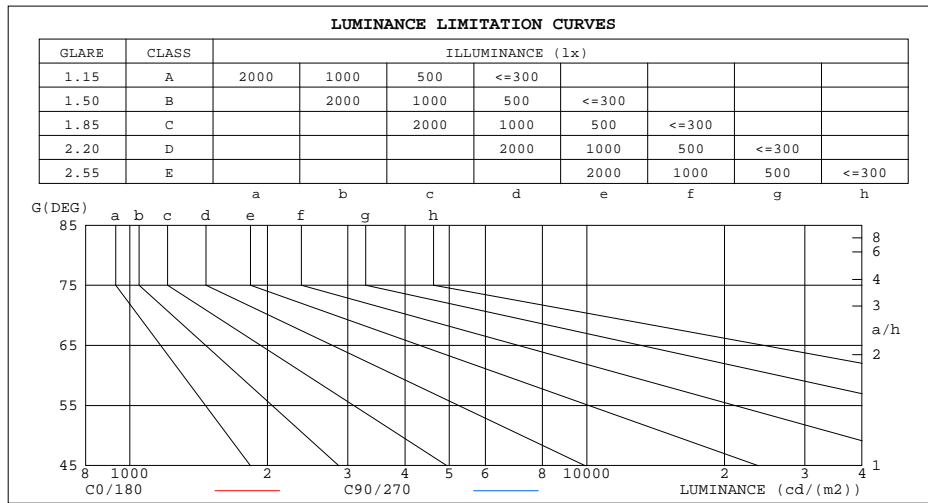
%lum = 90.8%
%lamp = 90.8%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	83	0
80	51	57
75	38	42
70	32	35
65	27	31
60	25	29
55	24	27
50	23	27
45	23	27

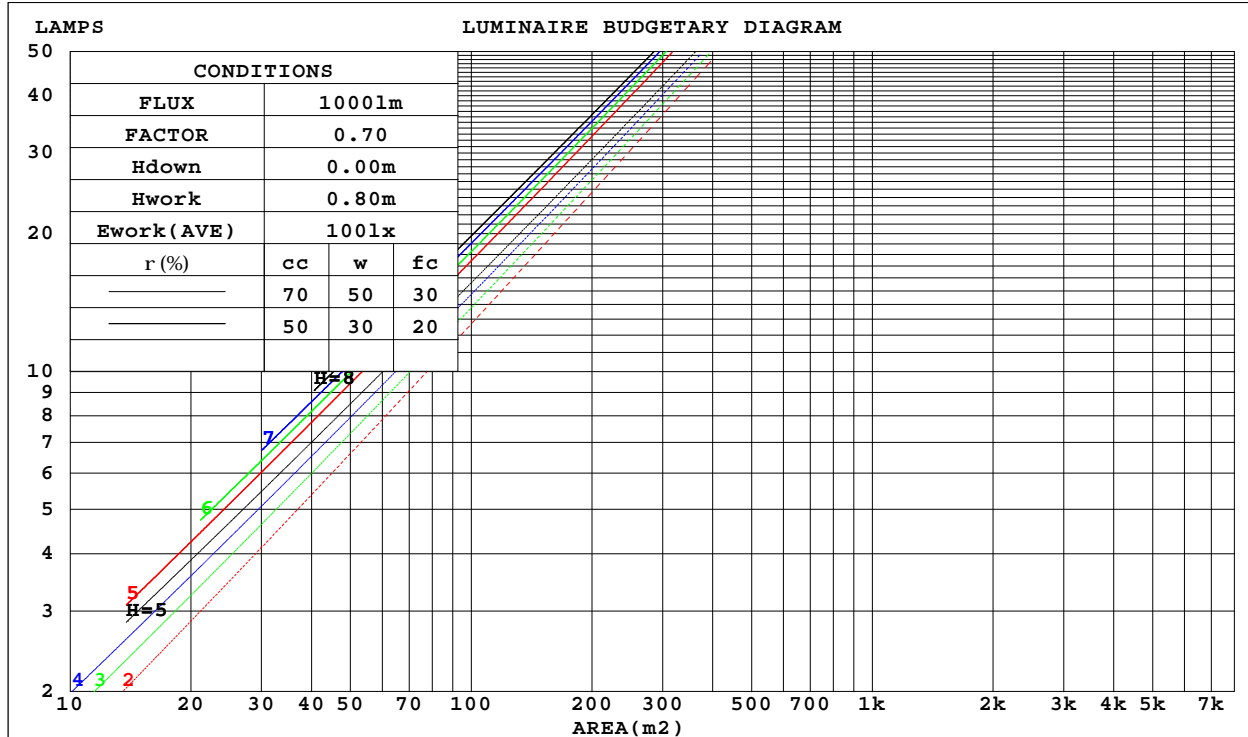
H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

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	1.00
1.0	1.10	1.07	1.04	1.08	1.05	1.03	1.03	1.01	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.02	.98	.94	1.01	.97	.93	.97	.94	.91	.94	.92	.89	.91	.89	.88	.86
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.87	.84	.88	.85	.83	.81
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.86	.82	.80	.84	.81	.79	.77
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.83	.78	.74	.83	.78	.74	.81	.77	.73	.80	.76	.73	.79	.75	.72	.71
7.0	.80	.75	.71	.80	.75	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.69
8.0	.77	.72	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.74	.70	.68	.67
9.0	.75	.70	.67	.74	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.65
10.0	.73	.68	.65	.72	.68	.64	.71	.67	.64	.71	.67	.64	.70	.67	.64	.63



H_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.198	.113	.036	.191	.109	.035	.179	.103	.033	.167	.096	.031	.156	.091	.029	
2.0	.179	.098	.030	.173	.095	.029	.162	.090	.028	.152	.085	.027	.143	.081	.026	
3.0	.162	.086	.026	.157	.084	.025	.148	.080	.024	.140	.077	.024	.132	.073	.023	
4.0	.148	.077	.023	.144	.076	.022	.137	.072	.022	.129	.070	.021	.123	.067	.020	
5.0	.137	.070	.020	.133	.068	.020	.127	.066	.019	.121	.064	.019	.115	.061	.018	
6.0	.127	.064	.018	.124	.063	.018	.118	.061	.018	.113	.059	.017	.108	.057	.017	
7.0	.119	.059	.017	.116	.058	.016	.111	.056	.016	.106	.055	.016	.102	.053	.016	
8.0	.111	.054	.015	.109	.054	.015	.105	.052	.015	.101	.051	.015	.097	.050	.014	
9.0	.105	.051	.014	.103	.050	.014	.099	.049	.014	.095	.048	.014	.092	.047	.013	
10.0	.099	.048	.013	.098	.047	.013	.094	.046	.013	.091	.045	.013	.088	.044	.013	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.135	.114	.097	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.085	.068	.054	.049	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.027	.015	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.038	.042	.031	.022	.013	.010	.007	
6.0	.113	.077	.052	.097	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.105	.069	.044	.090	.060	.038	.063	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.085	.054	.033	.059	.038	.024	.034	.023	.014	.011	.007	.005	
9.0	.092	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.087	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

H_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm										
NAME: 6501					TYPE:			WEIGHT:0.023KG		
SPEC.:1W					DIM.: Φ 4.2*H5CM			SERIAL No.:01		
MFR.: NORDECOR					SUR.:			Shielding Angle:25°		
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	8.3	9.2	8.5	9.3	9.5	8.9	9.7	9.1	9.9	10.0
3H	10.9	11.7	11.1	11.9	12.1	11.4	12.2	11.7	12.4	12.6
4H	12.3	13.1	12.6	13.3	13.5	12.8	13.6	13.1	13.8	14.0
6H	13.8	14.6	14.1	14.8	15.0	14.4	15.1	14.7	15.3	15.6
8H	14.6	15.3	14.9	15.6	15.9	14.8	15.5	15.1	15.7	16.0
12H	15.5	16.2	15.8	16.4	16.7	14.8	15.5	15.1	15.8	16.0
4H 2H	9.3	10.1	9.6	10.3	10.5	9.7	10.5	10.0	10.7	10.9
3H	12.1	12.8	12.4	13.0	13.3	12.5	13.2	12.8	13.5	13.7
4H	13.6	14.3	14.0	14.6	14.9	14.1	14.7	14.4	15.0	15.3
6H	15.4	15.9	15.7	16.3	16.6	15.8	16.4	16.2	16.7	17.1
8H	16.3	16.8	16.7	17.2	17.5	16.3	16.8	16.7	17.2	17.5
12H	17.2	17.7	17.6	18.1	18.5	16.3	16.8	16.7	17.2	17.6
8H 4H	14.3	14.9	14.7	15.2	15.6	14.7	15.2	15.1	15.6	16.0
6H	16.3	16.8	16.8	17.2	17.6	16.7	17.2	17.1	17.6	18.0
8H	17.4	17.8	17.9	18.3	18.7	17.3	17.7	17.7	18.1	18.5
12H	18.6	18.9	19.1	19.4	19.8	17.3	17.7	17.8	18.1	18.6
12H 4H	14.5	15.0	14.9	15.4	15.8	14.8	15.3	15.2	15.7	16.1
6H	16.6	17.0	17.1	17.4	17.9	17.0	17.4	17.4	17.8	18.2
8H	17.8	18.2	18.3	18.6	19.1	17.6	17.9	18.0	18.4	18.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.0 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.2				
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 27.85 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -12.4)
 Area: 0.1 m2

H_(b) Range:-90 - 90DEG
 H_(b) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

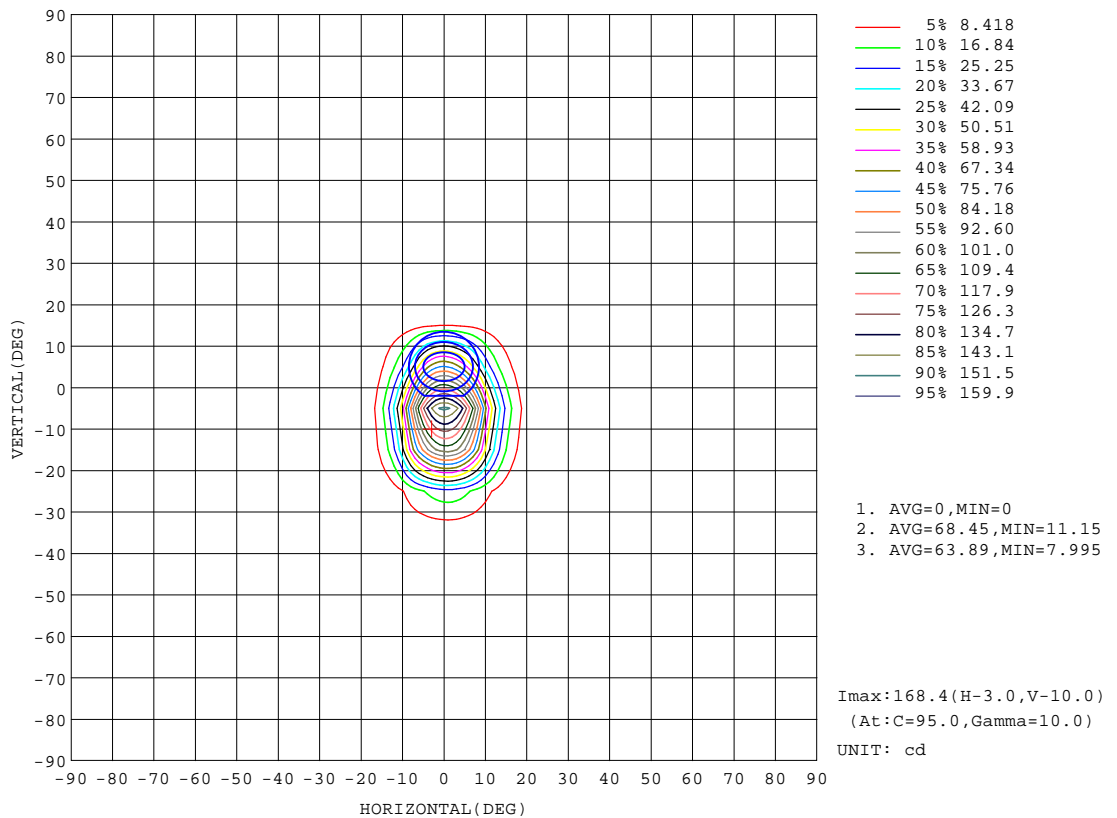
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	81	73	69	80	73	69	79	73	68	64
0.80	88	81	76	87	81	76	86	80	76	71
1.00	93	86	82	92	86	81	90	86	81	76
1.25	98	91	87	96	90	86	94	89	85	80
1.50	101	95	90	99	94	90	97	92	89	83
2.00	104	99	95	103	98	94	100	96	92	86
2.50	107	102	98	105	100	97	102	98	95	88
3.00	109	104	101	107	103	99	103	100	97	90
4.00	111	108	105	109	106	103	105	103	100	93
5.00	113	110	107	111	108	106	107	104	103	95
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:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°



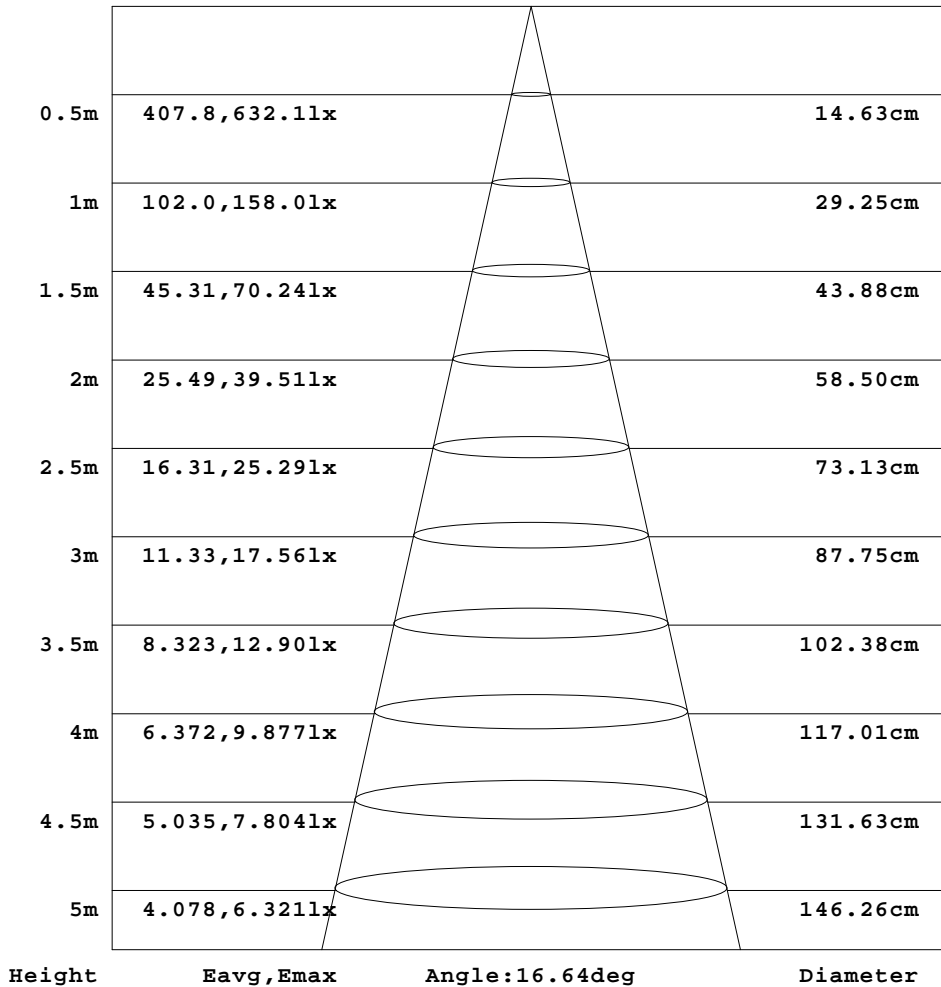
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

Flux out:7.154 lm



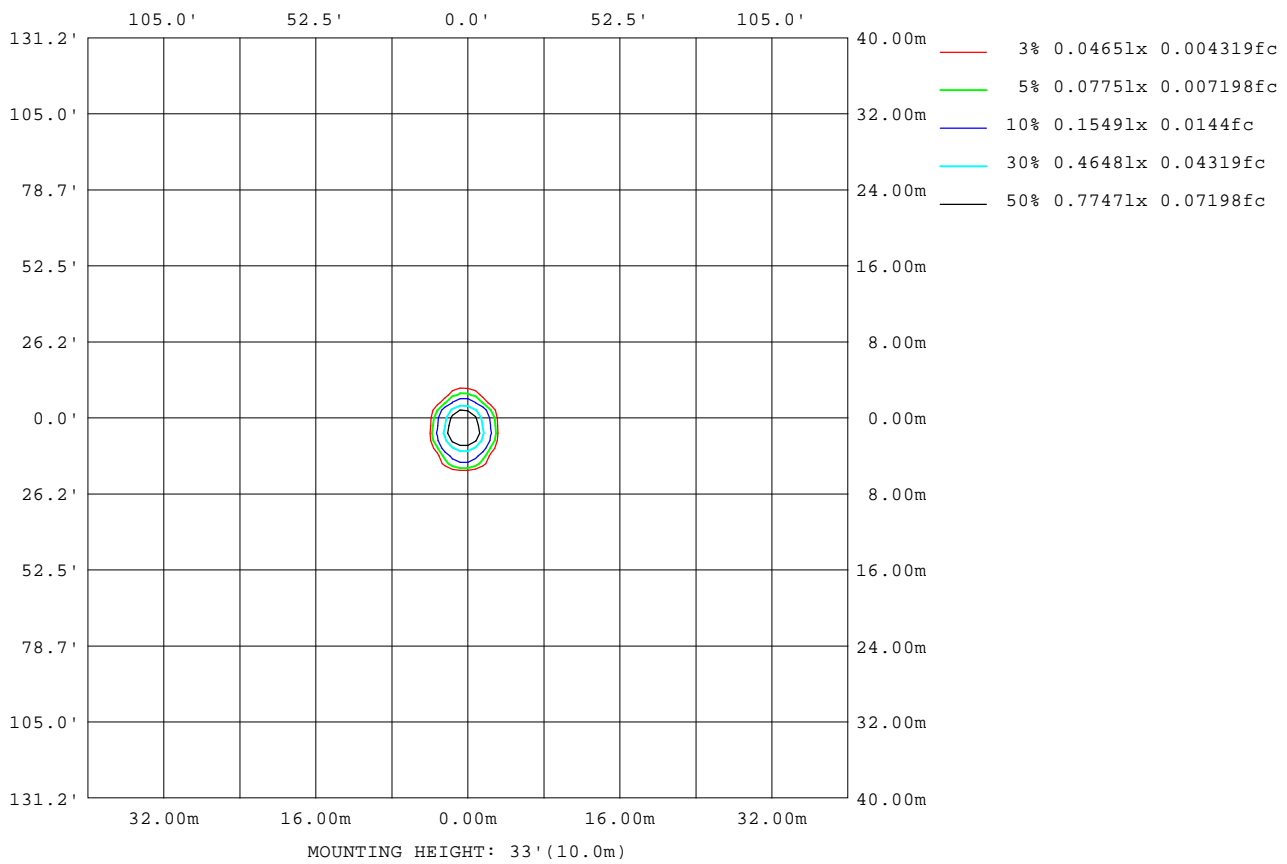
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

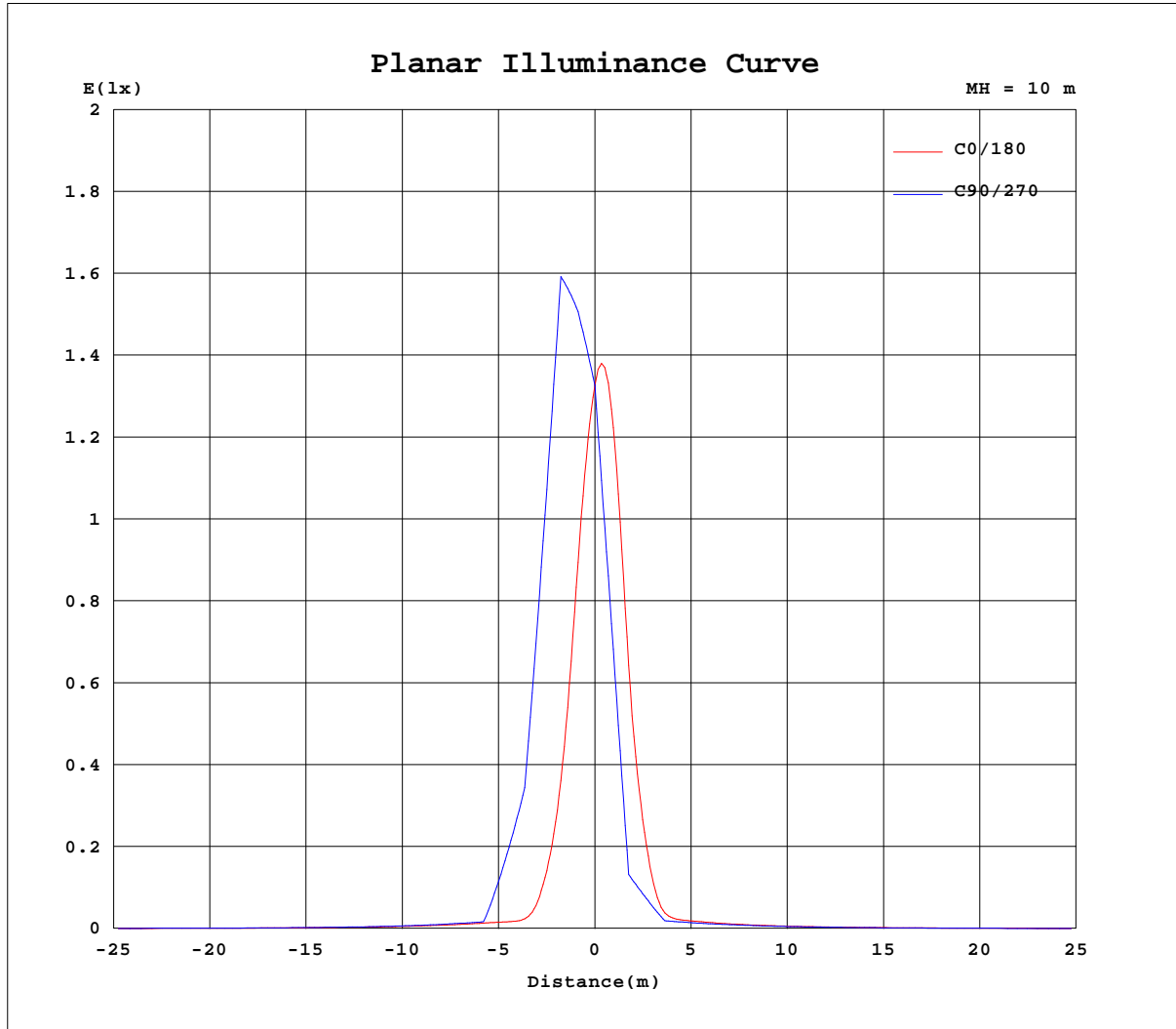
AvgL	cd/m2
L_0~180(65)av	28
L_0~180(75)av	38
L_0~180(85)av	86
L_90~270(65)av	27
L_90~270(75)av	36
L_90~270(85)av	0
L_45(65)av	26
L_45(75)av	36
L_45(85)av	38

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:2024-03-25

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:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

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	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
5	90.4	93.2	96.5	100	104	108	112	117	122	126	130	135	138	142	145	148	150	151	152
10	37.9	41.6	46.1	51.4	57.8	65.2	74.1	80.5	88.1	96.9	106	116	126	135	144	152	159	164	167
15	12.0	13.9	16.4	19.6	23.1	25.7	29.1	34.1	40.7	47.9	56.1	65.7	76.1	85.2	92.5	98.0	102	104	105
20	2.89	3.36	4.06	4.90	5.46	6.34	8.01	10.5	13.5	17.4	21.6	25.1	28.6	31.9	34.2	35.8	37.5	39.6	41.4
25	2.22	2.23	2.26	2.27	2.30	2.38	2.62	3.20	3.70	4.06	3.79	4.70	7.21	10.3	13.4	16.6	19.4	21.5	22.3
30	2.09	2.12	2.15	2.15	2.16	2.17	2.16	2.17	2.16	2.19	2.31	2.73	3.37	4.12	4.43	4.20	3.57	2.86	2.59
35	1.90	1.93	1.95	1.96	1.98	2.00	1.99	2.01	2.03	2.03	2.06	2.09	2.11	2.13	2.15	2.20	2.26	2.32	2.36
40	1.73	1.76	1.78	1.79	1.79	1.78	1.80	1.83	1.82	1.83	1.87	1.90	1.92	1.94	1.96	2.00	2.04	2.08	2.10
45	1.59	1.63	1.62	1.64	1.63	1.64	1.65	1.63	1.66	1.68	1.68	1.70	1.72	1.76	1.79	1.83	1.87	1.90	1.91
50	1.46	1.50	1.51	1.51	1.51	1.52	1.51	1.53	1.52	1.53	1.55	1.57	1.59	1.61	1.63	1.65	1.67	1.69	1.71
55	1.36	1.39	1.40	1.39	1.41	1.40	1.41	1.40	1.41	1.42	1.43	1.44	1.46	1.48	1.50	1.53	1.55	1.56	1.57
60	1.25	1.28	1.29	1.29	1.29	1.30	1.30	1.30	1.31	1.31	1.32	1.35	1.36	1.38	1.39	1.40	1.41	1.42	1.43
65	1.16	1.17	1.18	1.19	1.20	1.20	1.20	1.21	1.21	1.22	1.23	1.25	1.25	1.27	1.29	1.29	1.30	1.31	1.31
70	1.08	1.10	1.10	1.11	1.11	1.10	1.10	1.12	1.12	1.13	1.14	1.16	1.16	1.16	1.18	1.18	1.18	1.19	1.19
75	0.99	1.00	1.02	1.02	1.01	1.02	1.02	1.04	1.04	1.05	1.05	1.06	1.07	1.06	1.08	1.08	1.08	1.09	1.09
80	0.89	0.91	0.92	0.92	0.92	0.93	0.94	0.95	0.95	0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.98
85	0.72	0.75	0.76	0.77	0.80	0.81	0.83	0.63	0.48	0.37	0.28	0.20	0.14	0.10	0.06	0.03	0.02	0.00	0.00
90	0.72	0.00	0.00	0.00	0.00	0.00	0.00	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:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

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	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
5	153	153	152	152	151	149	147	145	143	141	139	136	134	133	131	130	129	128	123
10	168	168	166	163	158	152	144	134	124	113	102	90.0	83.2	77.8	73.5	70.3	68.3	67.3	61.3
15	105	105	104	103	101	99.1	95.9	91.3	85.4	75.8	58.5	45.1	35.3	27.5	24.5	23.1	22.5	22.7	19.6
20	42.5	43.0	42.9	42.3	40.7	36.7	30.7	24.9	21.5	19.9	18.1	16.3	11.4	7.61	5.25	4.71	4.59	4.66	4.21
25	21.7	20.3	18.5	16.4	13.6	10.2	7.01	5.34	4.94	4.10	3.51	3.47	3.33	3.08	2.83	2.73	2.73	2.73	2.64
30	2.97	3.78	4.56	4.82	4.25	3.41	2.92	2.71	2.61	2.61	2.59	2.55	2.54	2.58	2.55	2.46	2.44	2.46	2.34
35	2.37	2.36	2.35	2.34	2.34	2.35	2.34	2.29	2.26	2.25	2.27	2.27	2.21	2.20	2.24	2.15	2.12	2.14	2.03
40	2.11	2.11	2.10	2.07	2.05	2.03	2.00	1.99	1.97	1.95	1.92	1.94	1.96	1.91	1.92	1.91	1.87	1.89	1.80
45	1.91	1.89	1.88	1.85	1.81	1.79	1.76	1.73	1.71	1.71	1.71	1.70	1.71	1.72	1.69	1.72	1.67	1.70	1.62
50	1.70	1.71	1.69	1.67	1.64	1.61	1.58	1.56	1.56	1.54	1.54	1.55	1.55	1.55	1.54	1.55	1.52	1.54	1.47
55	1.57	1.56	1.55	1.53	1.51	1.49	1.47	1.44	1.42	1.41	1.41	1.40	1.43	1.42	1.43	1.40	1.40	1.42	1.37
60	1.43	1.43	1.42	1.41	1.39	1.37	1.34	1.33	1.32	1.31	1.29	1.29	1.29	1.32	1.30	1.29	1.28	1.29	1.25
65	1.31	1.31	1.30	1.29	1.28	1.26	1.24	1.24	1.22	1.21	1.21	1.19	1.20	1.20	1.21	1.20	1.18	1.19	1.16
70	1.19	1.19	1.19	1.19	1.18	1.16	1.14	1.14	1.13	1.13	1.10	1.10	1.10	1.09	1.09	1.09	1.08	1.11	1.04
75	1.08	1.09	1.08	1.08	1.08	1.06	1.06	1.05	1.04	1.03	1.01	1.02	0.98	0.96	0.97	0.96	0.94	0.96	0.88
80	0.98	0.98	0.98	0.98	0.98	0.96	0.96	0.96	0.95	0.93	0.91	0.89	0.84	0.82	0.81	0.83	0.84	0.85	0.82
85	0.00	0.02	0.03	0.06	0.10	0.14	0.20	0.28	0.37	0.47	0.59	0.77	0.77	0.77	0.78	0.76	0.76	0.77	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	0.00	0.00	0.73	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

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	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
5	118	113	109	104	101	97.1	93.7	90.6	87.9	85.5	83.2	81.3	79.6	78.1	77.0	75.9	75.3	74.6	74.4
10	56.1	51.5	47.3	43.3	39.6	38.1	36.5	34.6	32.2	29.6	26.6	23.5	20.6	18.0	15.9	14.5	13.8	13.9	14.7
15	17.1	14.6	12.4	11.4	10.1	8.46	6.27	6.06	6.57	7.03	7.42	7.73	7.96	8.10	8.19	8.21	8.18	8.07	7.89
20	3.83	3.43	3.35	3.18	2.88	2.92	2.97	2.99	3.02	3.15	3.29	3.33	3.19	2.93	2.63	2.40	2.31	2.38	2.58
25	2.56	2.53	2.52	2.46	2.39	2.34	2.32	2.33	2.32	2.28	2.24	2.20	2.18	2.15	2.11	2.10	2.11	2.11	2.11
30	2.25	2.23	2.19	2.13	2.09	2.08	2.06	2.05	2.02	1.98	1.97	1.95	1.93	1.92	1.86	1.88	1.90	1.90	1.89
35	1.98	1.95	1.88	1.85	1.85	1.83	1.80	1.79	1.79	1.76	1.74	1.73	1.73	1.74	1.74	1.72	1.76	1.75	1.75
40	1.77	1.72	1.68	1.68	1.65	1.63	1.62	1.62	1.61	1.61	1.61	1.58	1.58	1.58	1.58	1.57	1.60	1.60	1.60
45	1.61	1.56	1.55	1.53	1.51	1.50	1.49	1.48	1.47	1.47	1.48	1.47	1.46	1.47	1.48	1.47	1.50	1.49	1.49
50	1.46	1.44	1.42	1.40	1.40	1.38	1.33	1.38	1.37	1.37	1.37	1.38	1.37	1.38	1.39	1.37	1.38	1.39	1.38
55	1.35	1.35	1.31	1.29	1.26	1.27	1.26	1.25	1.28	1.28	1.28	1.28	1.29	1.29	1.29	1.29	1.29	1.29	1.29
60	1.24	1.22	1.21	1.18	1.18	1.17	1.19	1.19	1.19	1.18	1.19	1.19	1.21	1.20	1.20	1.20	1.20	1.21	1.19
65	1.16	1.14	1.10	1.09	1.10	1.11	1.11	1.10	1.11	1.09	1.06	1.04	1.02	1.01	0.99	0.98	0.99	1.00	1.00
70	1.04	1.00	1.03	1.02	1.02	1.02	1.02	0.97	0.93	0.89	0.86	0.83	0.80	0.79	0.77	0.76	0.79	0.80	0.78
75	0.89	0.84	0.87	0.86	0.89	0.87	0.82	0.78	0.75	0.73	0.74	0.74	0.73	0.74	0.74	0.75	0.75	0.76	0.75
80	0.81	0.80	0.78	0.76	0.77	0.75	0.74	0.71	0.70	0.70	0.71	0.71	0.71	0.71	0.71	0.74	0.70	0.72	0.71
85	0.72	0.74	0.74	0.72	0.71	0.53	0.40	0.28	0.21	0.15	0.11	0.07	0.04	0.02	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:2024-03-25

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:220.20V I:0.0147A P:1.3301W PF:0.4119 Freq:50.00Hz Lamp Flux:27.8484x1 lm		
NAME: 6501	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: ϕ 4.2*H5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

Table--4

UNIT: cd

C(DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133				
5	74.2	74.2	74.4	74.6	75.0	75.5	76.1	76.9	77.8	78.7	79.9	81.4	83.2	85.2	87.6				
10	16.1	17.9	20.1	22.3	24.6	26.7	28.5	30.2	31.7	33.2	33.1	33.4	33.9	34.8	36.1				
15	7.63	7.27	6.80	6.23	5.56	4.91	4.33	4.54	6.72	8.36	9.72	10.8	11.0	11.1	11.4				
20	2.83	3.06	3.19	3.17	3.04	2.86	2.63	2.46	2.36	2.31	2.80	3.11	3.24	3.10	2.95				
25	2.10	2.11	2.13	2.13	2.14	2.16	2.15	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.21				
30	1.89	1.90	1.88	1.91	1.94	1.94	1.95	1.95	1.96	1.99	2.00	2.01	2.03	2.06	2.08				
35	1.74	1.73	1.71	1.73	1.71	1.72	1.75	1.77	1.77	1.77	1.80	1.83	1.83	1.87	1.89				
40	1.61	1.59	1.60	1.60	1.59	1.59	1.58	1.61	1.62	1.63	1.64	1.67	1.68	1.70	1.72				
45	1.49	1.48	1.49	1.48	1.48	1.48	1.50	1.47	1.48	1.50	1.52	1.53	1.56	1.57	1.60				
50	1.39	1.39	1.38	1.38	1.37	1.36	1.39	1.39	1.39	1.37	1.39	1.38	1.42	1.45	1.48				
55	1.29	1.29	1.29	1.26	1.21	1.22	1.24	1.27	1.30	1.31	1.28	1.29	1.31	1.35	1.37				
60	1.20	1.20	1.21	1.19	1.08	1.05	1.07	1.06	1.14	1.20	1.20	1.17	1.23	1.24	1.27				
65	1.01	1.03	1.07	1.02	0.90	0.84	0.91	0.94	0.97	1.02	1.09	1.13	1.15	1.14	1.17				
70	0.79	0.83	0.88	0.89	0.84	0.81	0.86	0.90	0.91	0.91	0.96	1.00	1.05	1.07	1.08				
75	0.74	0.75	0.77	0.80	0.80	0.80	0.82	0.83	0.85	0.84	0.84	0.88	0.94	0.98	0.99				
80	0.70	0.72	0.72	0.78	0.76	0.77	0.78	0.79	0.79	0.78	0.78	0.80	0.80	0.86	0.89				
85	0.02	0.05	0.07	0.12	0.16	0.23	0.31	0.41	0.55	0.73	0.74	0.74	0.74	0.71	0.70				
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:2024-03-25

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: