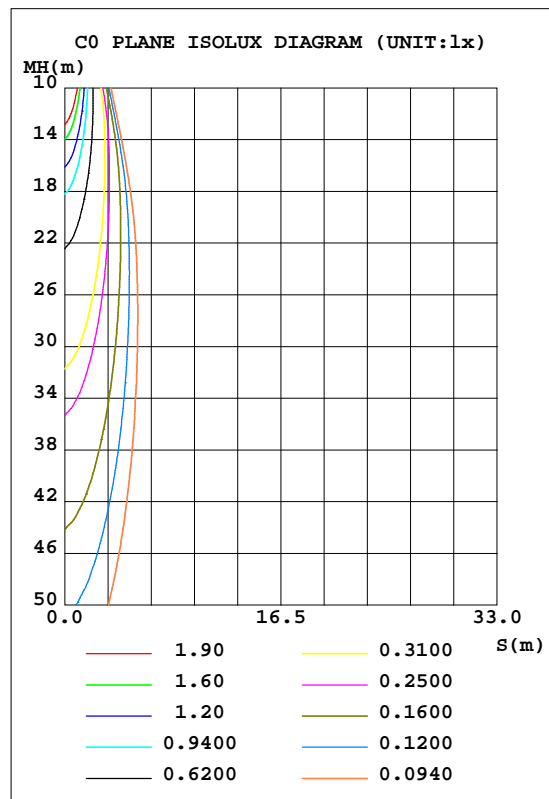
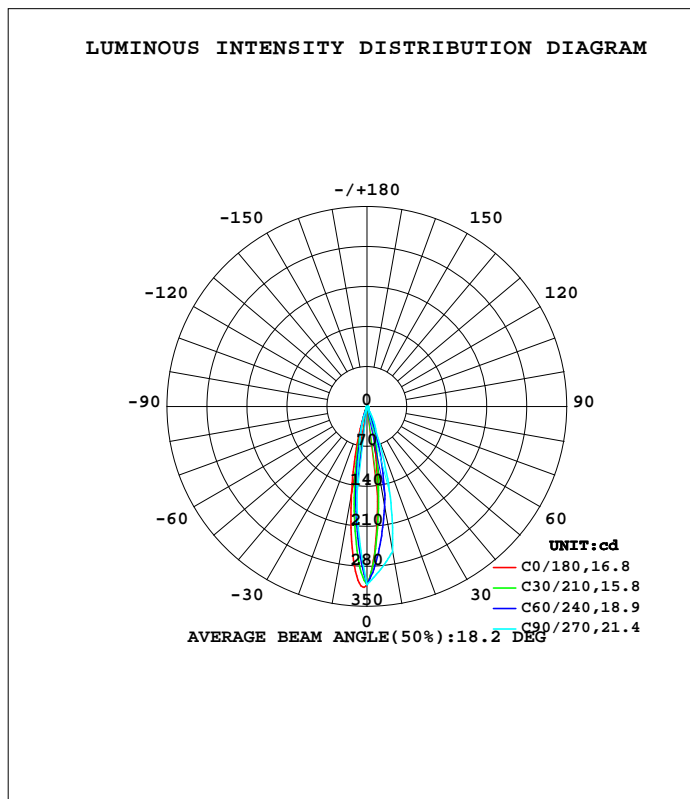


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

DATA OF LAMP		PHOTOMETRIC DATA Eff: 35.52 lm/W			
MODEL		I _{max} (cd)	317.0	S/MH(C0/180)	0.35
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.23
RATED VOLTAGE(V)		TOTAL FLUX(lm)	47.385	h UP, DN(C0-180)	0.0,63.9
NOMINAL FLUX(lm)	47.3853	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0,36.1
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(h) Range:-90 - 90DEG
 H(h) 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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	96.44	139.1	258.3	199.6	158.0	108.8	74.11	77.11	0- 10	18.96	18.96	40,40
20	9.862	27.74	48.02	45.60	16.20	12.62	6.515	8.570	10- 20	18.50	37.46	79.1,79.1
30	2.814	3.823	4.865	4.136	2.828	2.324	2.282	2.419	20- 30	4.121	41.58	87.8,87.8
40	1.900	2.043	2.322	1.987	2.047	1.633	1.677	1.612	30- 40	1.503	43.09	90.9,90.9
50	1.255	1.325	1.654	1.415	1.431	1.145	1.169	1.105	40- 50	1.223	44.31	93.5,93.5
60	0.9413	0.9973	1.198	1.042	1.049	0.8991	0.8670	0.8518	50- 60	1.014	45.32	95.6,95.6
70	0.7701	0.8208	0.8898	0.8605	0.8270	0.7397	0.7301	0.7238	60- 70	0.8665	46.19	97.5,97.5
80	0.7301	0.7549	0.7814	0.7624	0.7528	0.6952	0.6732	0.6838	70- 80	0.7933	46.98	99.1,99.1
90	0.7301	0	0	0	0.7301	0	0	0	80- 90	0.4031	47.39	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): 43.727 lm

%lum = 92.3%
 %lamp = 92.3%

Conical surface Flux(120deg): 45.322 lm

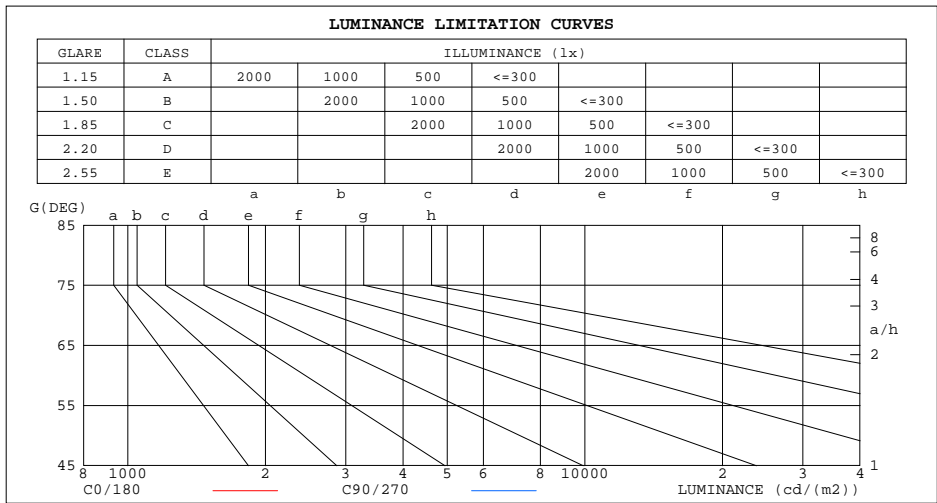
%lum = 95.6%
 %lamp = 95.6%

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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	84	0
80	42	45
75	29	32
70	23	26
65	20	25
60	19	24
55	19	25
50	20	26
45	21	28

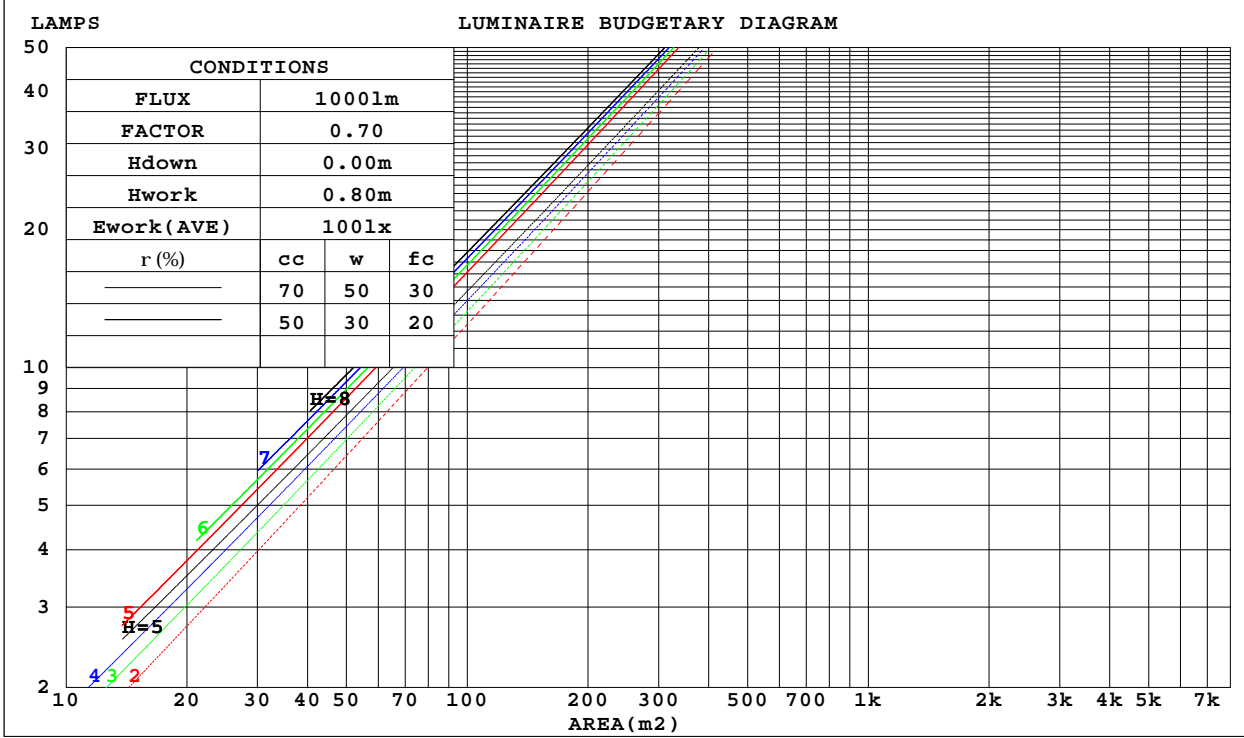
H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-03-25

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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	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	1.12	1.09	1.07	1.10	1.08	1.06	1.05	1.04	1.02	1.02	1.01	.99	.98	.97	.97	.95
2.0	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.01	.97	.93	.99	.96	.93	.97	.94	.91	.95	.92	.90	.92	.90	.89	.87
4.0	.97	.92	.89	.95	.91	.88	.93	.90	.87	.92	.89	.86	.90	.87	.85	.84
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.83	.81
6.0	.90	.85	.82	.89	.85	.82	.88	.84	.81	.86	.83	.81	.85	.82	.80	.79
7.0	.87	.83	.79	.86	.82	.79	.85	.82	.79	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
9.0	.82	.78	.75	.82	.78	.75	.81	.77	.75	.80	.77	.74	.79	.76	.74	.73
10.0	.80	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.73	.78	.75	.73	.72



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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ2.2*H4CM	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	.161	.091	.029	.154	.088	.028	.142	.081	.026	.130	.075	.024	.119	.069	.022	
2.0	.146	.080	.024	.140	.077	.024	.130	.072	.022	.120	.067	.021	.111	.063	.020	
3.0	.133	.071	.021	.129	.069	.021	.120	.065	.020	.112	.061	.019	.104	.058	.018	
4.0	.123	.064	.019	.119	.062	.018	.111	.059	.018	.105	.056	.017	.098	.053	.016	
5.0	.114	.058	.017	.111	.057	.017	.104	.054	.016	.098	.052	.015	.093	.050	.015	
6.0	.106	.053	.015	.104	.052	.015	.098	.050	.015	.093	.048	.014	.088	.047	.014	
7.0	.100	.049	.014	.097	.049	.014	.093	.047	.014	.088	.045	.013	.084	.044	.013	
8.0	.094	.046	.013	.092	.045	.013	.088	.044	.013	.084	.043	.012	.081	.041	.012	
9.0	.089	.043	.012	.087	.043	.012	.084	.041	.012	.080	.040	.012	.077	.039	.011	
10.0	.085	.041	.011	.083	.040	.011	.080	.039	.011	.077	.038	.011	.074	.037	.011	

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	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.094	.118	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.126	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.064	.099	.074	.056	.068	.052	.040	.039	.031	.023	.013	.010	.008	
6.0	.106	.076	.055	.091	.066	.048	.063	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.098	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.091	.061	.040	.079	.053	.035	.054	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.085	.055	.035	.074	.048	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.080	.051	.031	.069	.044	.027	.048	.031	.019	.028	.018	.011	.009	.006	.004	

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:

UGR(Unified Glare Rating) Table

Test:U:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm										
NAME: 6499					TYPE:			WEIGHT:0.023KG		
SPEC.:1W					DIM.: Φ 2.2*H4CM			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	3.2	3.9	3.4	4.1	4.2	4.4	5.1	4.6	5.3	5.4
3H	5.3	6.0	5.5	6.1	6.3	6.4	7.1	6.7	7.3	7.5
4H	6.7	7.3	6.9	7.5	7.7	7.7	8.3	7.9	8.5	8.7
6H	8.3	8.9	8.6	9.2	9.4	9.1	9.7	9.4	10.0	10.2
8H	9.3	9.9	9.6	10.2	10.4	9.5	10.1	9.8	10.4	10.6
12H	10.5	11.1	10.8	11.4	11.6	9.5	10.1	9.9	10.4	10.6
4H 2H	4.1	4.7	4.3	4.9	5.1	5.0	5.6	5.3	5.9	6.1
3H	6.4	7.0	6.7	7.2	7.5	7.3	7.9	7.6	8.2	8.4
4H	7.9	8.5	8.3	8.8	9.1	8.8	9.3	9.1	9.6	9.9
6H	9.8	10.3	10.2	10.6	11.0	10.5	11.0	10.9	11.3	11.6
8H	10.9	11.4	11.3	11.7	12.1	10.9	11.4	11.3	11.7	12.1
12H	12.2	12.6	12.6	13.0	13.4	11.0	11.4	11.4	11.7	12.1
8H 4H	8.7	9.1	9.1	9.5	9.8	9.3	9.8	9.7	10.1	10.5
6H	10.8	11.2	11.3	11.6	12.0	11.3	11.7	11.8	12.1	12.5
8H	12.1	12.5	12.6	12.9	13.3	11.9	12.2	12.3	12.6	13.1
12H	13.6	13.9	14.1	14.4	14.8	11.9	12.2	12.4	12.7	13.1
12H 4H	8.9	9.3	9.3	9.6	10.0	9.5	9.9	9.9	10.2	10.6
6H	11.2	11.5	11.6	11.9	12.3	11.6	11.9	12.1	12.4	12.8
8H	12.6	12.9	13.0	13.3	13.8	12.2	12.5	12.7	13.0	13.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.0 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.1				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				

CIE Pub.117, 47.39 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -10.6)
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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

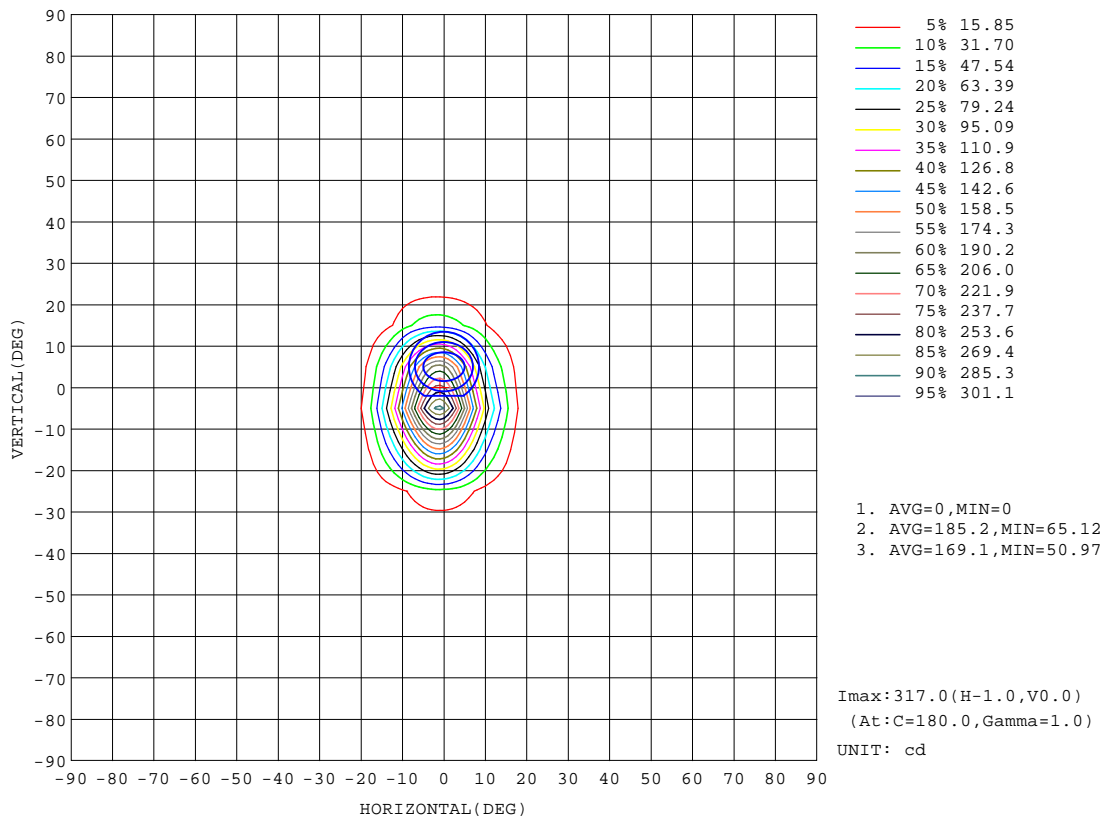
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	86	80	76	86	79	76	85	79	75	72
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	92	101	95	92	99	94	91	87
1.50	104	99	96	103	99	95	101	97	94	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	105	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	107	105	97
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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°



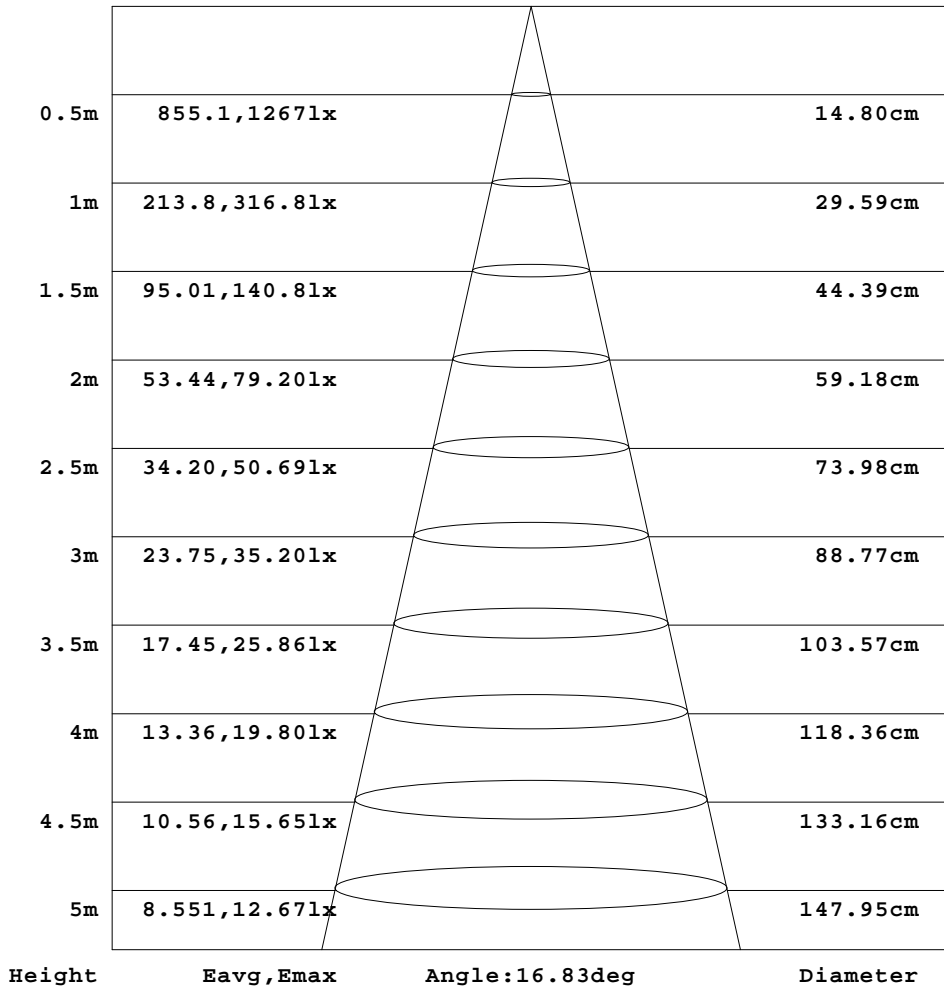
H(h) Range:-90 - 90DEG
 H(h) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-03-25

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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

Flux out:15.00 lm



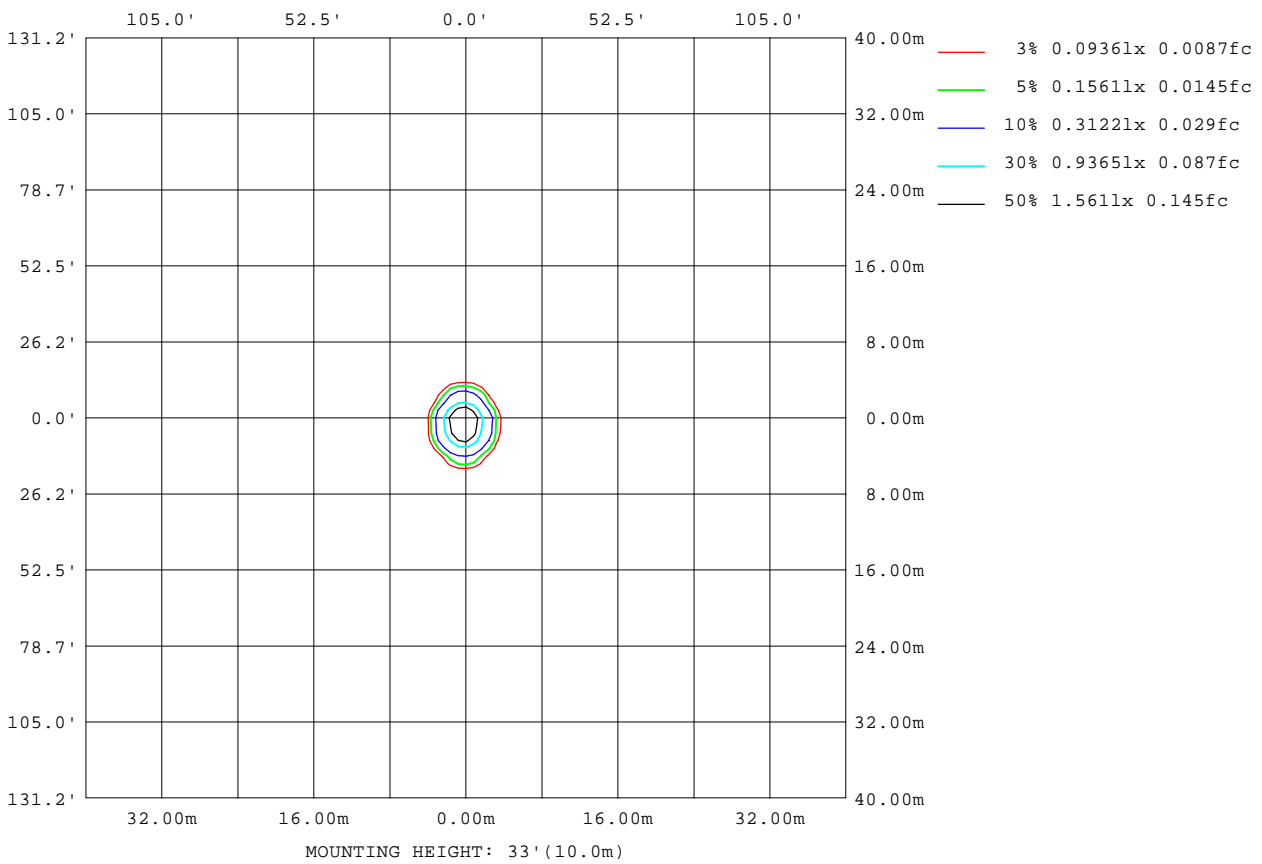
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:25°

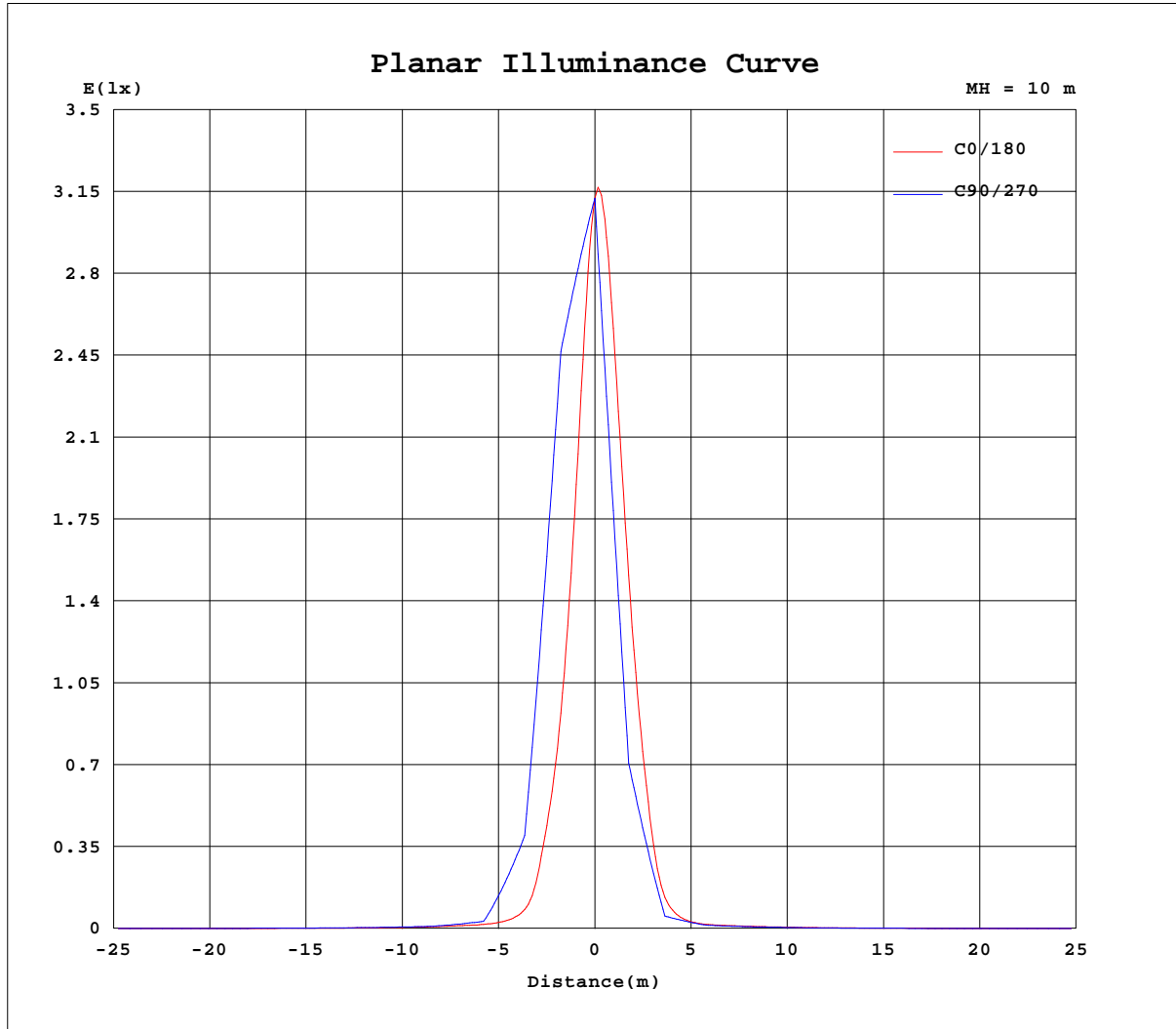
AvgL	cd/m2
L_0~180(65)av	21
L_0~180(75)av	30
L_0~180(85)av	84
L_90~270(65)av	22
L_90~270(75)av	30
L_90~270(85)av	0
L_45(65)av	20
L_45(75)av	29
L_45(85)av	34

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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	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	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312
5	205	204	204	206	207	210	214	219	224	230	236	243	250	257	264	270	276	280	285
10	96.4	96.1	97.0	99.0	102	106	112	120	129	139	151	164	178	193	209	224	238	250	258
15	39.0	38.8	39.6	41.4	44.2	48.2	53.2	59.7	67.3	73.4	79.5	86.6	95.7	105	116	127	137	146	153
20	9.86	9.92	10.3	11.1	12.3	14.1	17.2	20.3	24.3	27.7	30.6	32.9	35.8	38.7	42.0	44.5	46.0	46.9	48.0
25	4.39	4.39	4.51	4.75	5.19	5.62	6.06	6.59	7.30	8.14	8.45	9.24	11.0	13.3	16.4	19.9	22.8	25.1	26.4
30	2.81	2.81	2.85	2.94	3.04	3.09	3.22	3.33	3.48	3.82	4.22	4.69	5.14	5.60	5.97	6.06	5.68	5.11	4.87
35	2.28	2.28	2.30	2.34	2.33	2.33	2.35	2.38	2.47	2.55	2.60	2.51	2.62	2.80	3.03	3.23	3.40	3.54	3.59
40	1.90	1.91	1.94	1.96	1.97	2.00	1.99	1.99	2.02	2.04	2.04	2.09	2.14	2.23	2.31	2.34	2.35	2.33	2.32
45	1.50	1.51	1.54	1.54	1.56	1.58	1.59	1.61	1.63	1.66	1.67	1.71	1.78	1.83	1.87	1.91	1.95	1.97	1.99
50	1.26	1.27	1.29	1.30	1.29	1.30	1.29	1.30	1.31	1.33	1.37	1.42	1.47	1.50	1.52	1.56	1.60	1.62	1.65
55	1.08	1.09	1.11	1.12	1.11	1.10	1.10	1.10	1.11	1.13	1.16	1.19	1.21	1.26	1.30	1.34	1.38	1.41	1.43
60	0.94	0.97	0.97	0.98	0.98	0.95	0.96	0.96	0.99	1.00	1.02	1.06	1.07	1.11	1.15	1.15	1.18	1.20	1.20
65	0.83	0.85	0.86	0.86	0.85	0.85	0.86	0.87	0.88	0.90	0.92	0.95	0.96	0.98	1.00	1.01	1.04	1.05	1.04
70	0.77	0.78	0.78	0.78	0.77	0.76	0.78	0.80	0.81	0.82	0.84	0.85	0.86	0.87	0.88	0.88	0.90	0.89	0.89
75	0.75	0.75	0.76	0.74	0.74	0.74	0.75	0.76	0.77	0.77	0.78	0.78	0.80	0.81	0.81	0.82	0.83	0.83	0.84
80	0.73	0.74	0.72	0.73	0.74	0.74	0.74	0.74	0.75	0.75	0.76	0.76	0.77	0.77	0.76	0.77	0.77	0.77	0.78
85	0.73	0.72	0.72	0.72	0.73	0.73	0.72	0.54	0.41	0.31	0.23	0.16	0.12	0.08	0.05	0.03	0.01	0.00	0.00
90	0.73	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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	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	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312
5	287	290	290	290	289	287	285	282	279	277	274	272	270	269	268	268	269	271	262
10	263	263	259	253	244	233	222	210	200	190	181	173	167	162	159	157	157	158	149
15	157	157	155	150	144	137	130	123	117	110	98.6	89.3	81.9	75.9	71.5	68.7	67.4	67.8	61.7
20	49.8	52.1	54.1	54.6	54.1	52.6	50.7	48.5	45.6	41.6	36.7	32.0	26.1	21.9	19.1	17.4	16.4	16.2	14.8
25	26.8	26.0	23.9	20.8	17.3	14.3	11.9	11.1	11.8	10.7	9.55	8.57	7.83	7.02	6.17	5.70	5.43	5.37	4.98
30	5.18	5.99	6.70	6.88	6.55	6.00	5.36	4.71	4.14	3.65	3.58	3.47	3.35	3.26	3.08	2.93	2.85	2.83	2.71
35	3.55	3.44	3.26	3.01	2.75	2.51	2.40	2.54	2.49	2.38	2.30	2.30	2.33	2.34	2.36	2.33	2.32	2.33	2.25
40	2.33	2.36	2.36	2.32	2.21	2.12	2.03	1.99	1.99	1.99	1.99	2.02	2.04	2.05	2.07	2.08	2.06	2.05	1.98
45	1.99	1.98	1.96	1.91	1.87	1.83	1.78	1.73	1.70	1.71	1.70	1.70	1.73	1.75	1.76	1.76	1.74	1.73	1.66
50	1.67	1.66	1.64	1.61	1.58	1.54	1.51	1.45	1.41	1.39	1.40	1.41	1.43	1.44	1.45	1.45	1.44	1.43	1.38
55	1.44	1.43	1.40	1.37	1.34	1.30	1.26	1.24	1.20	1.18	1.16	1.18	1.19	1.22	1.23	1.23	1.23	1.24	1.19
60	1.21	1.20	1.19	1.18	1.16	1.14	1.10	1.08	1.04	1.03	1.01	1.01	1.02	1.04	1.06	1.06	1.05	1.05	1.03
65	1.05	1.04	1.04	1.03	1.01	1.00	0.97	0.97	0.94	0.92	0.90	0.89	0.89	0.90	0.86	0.93	0.92	0.91	0.90
70	0.90	0.89	0.91	0.89	0.89	0.89	0.88	0.87	0.86	0.84	0.83	0.81	0.79	0.80	0.78	0.81	0.83	0.83	0.80
75	0.84	0.83	0.84	0.83	0.81	0.81	0.80	0.79	0.79	0.79	0.78	0.77	0.76	0.74	0.75	0.75	0.79	0.79	0.75
80	0.78	0.78	0.78	0.77	0.77	0.77	0.77	0.76	0.76	0.77	0.75	0.75	0.74	0.74	0.74	0.74	0.73	0.75	0.71
85	0.00	0.01	0.03	0.05	0.08	0.12	0.17	0.23	0.31	0.41	0.54	0.73	0.73	0.73	0.72	0.72	0.72	0.72	0.68
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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	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	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312
5	255	248	241	235	230	226	222	218	214	211	208	205	202	200	198	195	193	190	189
10	141	134	129	124	120	116	112	109	105	101	96.8	92.1	87.5	83.1	79.2	76.1	74.1	73.0	72.9
15	56.8	52.8	49.1	45.8	42.4	39.3	35.9	37.3	39.8	41.8	43.0	43.6	43.6	43.1	42.4	41.4	40.3	39.1	37.8
20	14.0	13.4	12.8	11.8	10.4	11.0	11.7	12.6	13.8	14.7	14.8	13.9	12.2	10.1	8.28	7.01	6.51	6.88	7.76
25	4.72	4.50	4.31	4.24	4.34	4.44	4.44	4.25	3.64	3.55	3.78	3.99	4.18	4.31	4.40	4.43	4.40	4.36	4.26
30	2.62	2.53	2.47	2.47	2.47	2.41	2.27	2.32	2.40	2.52	2.58	2.60	2.58	2.49	2.39	2.32	2.28	2.32	2.39
35	2.19	2.13	2.05	2.00	1.98	1.95	1.92	1.93	1.93	1.93	1.95	1.94	1.94	1.96	1.97	1.98	1.98	1.98	1.97
40	1.92	1.84	1.77	1.72	1.67	1.64	1.64	1.63	1.64	1.63	1.64	1.66	1.66	1.68	1.68	1.68	1.68	1.67	1.66
45	1.62	1.54	1.47	1.43	1.39	1.37	1.37	1.38	1.37	1.38	1.38	1.40	1.42	1.42	1.42	1.43	1.42	1.41	1.40
50	1.34	1.28	1.23	1.19	1.16	1.16	1.16	1.15	1.17	1.18	1.19	1.19	1.20	1.19	1.17	1.17	1.17	1.16	1.15
55	1.15	1.10	1.06	1.03	1.01	1.02	1.00	1.02	1.02	1.02	1.04	1.03	1.03	1.03	1.03	1.03	1.02	1.02	1.01
60	0.99	0.95	0.93	0.90	0.90	0.89	0.90	0.90	0.90	0.90	0.91	0.90	0.90	0.90	0.89	0.89	0.87	0.87	0.88
65	0.85	0.83	0.81	0.80	0.80	0.80	0.80	0.81	0.81	0.79	0.81	0.80	0.81	0.81	0.80	0.81	0.80	0.80	0.81
70	0.77	0.74	0.73	0.73	0.74	0.74	0.73	0.74	0.75	0.75	0.76	0.74	0.75	0.74	0.73	0.74	0.73	0.74	0.74
75	0.72	0.71	0.70	0.70	0.70	0.70	0.71	0.73	0.72	0.72	0.72	0.71	0.71	0.70	0.70	0.71	0.70	0.71	0.70
80	0.69	0.68	0.67	0.68	0.68	0.68	0.69	0.70	0.69	0.69	0.69	0.68	0.68	0.67	0.67	0.67	0.67	0.68	0.67
85	0.67	0.68	0.66	0.66	0.67	0.50	0.37	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:220.21V I:0.0148A P:1.3341W PF:0.4098 Freq:50.00Hz Lamp Flux:47.3853x1 lm		
NAME: 6499	TYPE:	WEIGHT:0.023KG
SPEC.:1W	DIM.: Φ 2.2*H4CM	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	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312				
5	187	185	183	182	181	180	180	180	181	182	184	186	190	194	199				
10	73.4	74.2	75.1	75.9	76.4	76.8	77.1	77.4	77.7	78.2	79.2	81.2	83.7	87.0	91.2				
15	36.4	35.1	33.5	31.9	29.6	27.3	24.9	23.1	24.3	25.6	27.4	29.1	31.0	33.1	35.7				
20	8.94	10.1	10.8	11.0	10.4	9.44	8.57	8.04	7.62	7.35	7.83	8.20	8.42	8.74	9.18				
25	4.11	3.95	3.79	3.61	3.44	3.46	3.79	3.83	3.80	3.77	3.73	3.78	3.87	3.99	4.15				
30	2.48	2.55	2.58	2.58	2.56	2.49	2.42	2.39	2.47	2.52	2.54	2.54	2.57	2.64	2.71				
35	1.97	1.96	1.96	1.98	1.99	1.99	1.98	1.99	2.00	2.04	2.05	2.08	2.14	2.17	2.21				
40	1.64	1.63	1.63	1.64	1.63	1.63	1.61	1.61	1.63	1.66	1.64	1.68	1.73	1.77	1.82				
45	1.39	1.37	1.35	1.32	1.31	1.33	1.32	1.32	1.31	1.32	1.33	1.35	1.38	1.43	1.45				
50	1.16	1.15	1.15	1.14	1.14	1.11	1.10	1.10	1.11	1.11	1.12	1.11	1.18	1.18	1.22				
55	1.00	0.99	0.99	0.98	0.98	0.97	0.96	0.97	0.96	0.96	0.97	0.97	0.99	1.02	1.05				
60	0.87	0.88	0.86	0.86	0.86	0.86	0.85	0.84	0.84	0.84	0.84	0.85	0.86	0.88	0.91				
65	0.80	0.80	0.78	0.78	0.77	0.76	0.77	0.77	0.76	0.75	0.75	0.76	0.77	0.79	0.81				
70	0.74	0.75	0.73	0.74	0.74	0.73	0.72	0.71	0.72	0.71	0.70	0.71	0.72	0.73	0.74				
75	0.71	0.71	0.70	0.71	0.71	0.71	0.70	0.70	0.70	0.70	0.70	0.69	0.69	0.70	0.72				
80	0.68	0.69	0.69	0.68	0.69	0.69	0.68	0.68	0.69	0.68	0.68	0.68	0.67	0.68	0.70				
85	0.02	0.04	0.07	0.10	0.15	0.21	0.28	0.37	0.50	0.66	0.66	0.67	0.67	0.67	0.67				
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: