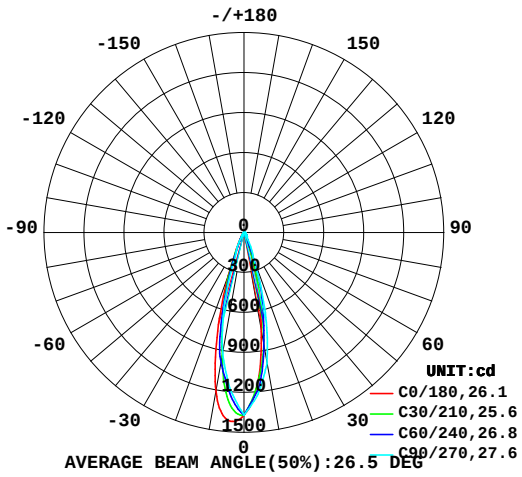
LUMINAIRE PHOTOMETRIC TEST REPORT

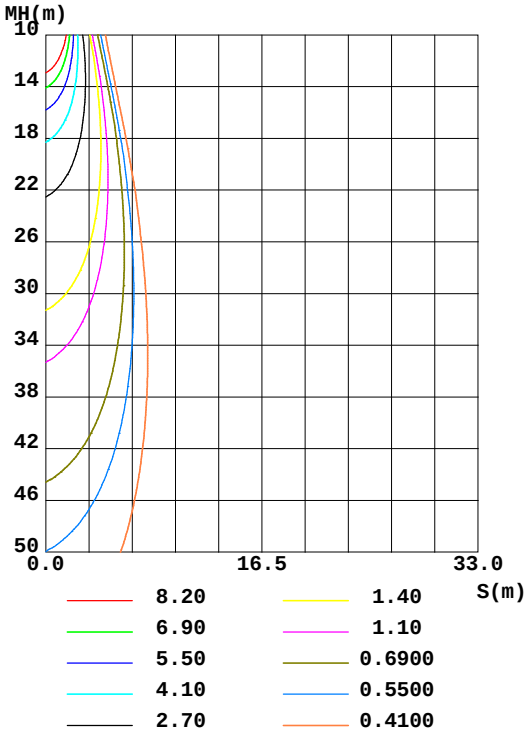
Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.54 lm/W			
MODEL		Imax(cd)	1420	S/MH(C0/180)	0.49
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	85-265V	TOTAL FLUX(lm)	333.05	h UP,DN(C0-180)	0.0,50.6
NOMINAL FLUX(lm)	333.046	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,49.4
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	h down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	756.2	842.4	997.9	1013	1214	976.0	924.8	799.4	0- 10	106.8	106.8	32.1,32.1
20	117.7	230.2	211.3	278.0	344.0	280.5	192.5	203.7	10- 20	147.6	254.4	76.4,76.4
30	30.59	35.79	40.91	51.27	58.51	53.82	39.85	34.44	20- 30	46.90	301.3	90.5,90.5
40	13.08	13.34	17.05	18.72	21.91	18.03	14.97	12.49	30- 40	16.86	318.1	95.5,95.5
50	4.729	4.407	6.747	6.976	9.185	6.134	4.843	3.708	40- 50	8.106	326.2	98,98
60	1.862	1.609	2.569	2.010	2.527	1.715	1.870	1.474	50- 60	3.034	329.3	98.9,98.9
70	1.536	1.411	1.813	1.733	1.837	1.478	1.536	1.354	60- 70	1.687	331.0	99.4,99.4
80	1.374	1.154	1.195	1.248	1.406	1.263	1.219	1.185	70- 80	1.435	332.4	99.8,99.8
90	1.146	0	0	0	1.130	0	0	0	80- 90	0.6419	333.0	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): 322.99 lm

%lum = 97.0%
%lamp = 97.0%

Conical surface Flux(120deg): 329.28 lm

%lum = 98.9%
%lamp = 98.9%

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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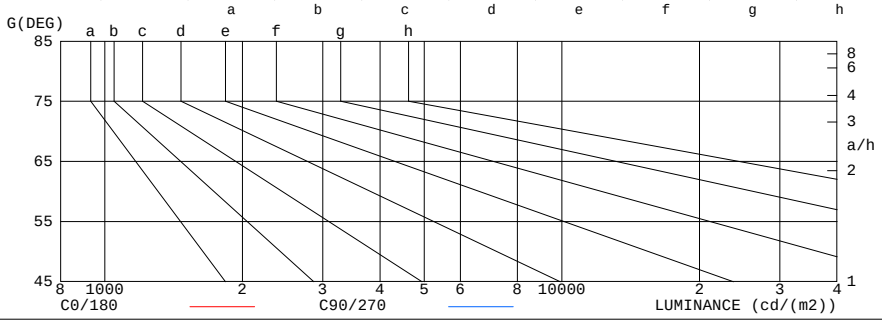
LUMINANCE LIMITATION CURVES

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	146	0
80	79	69
75	55	58
70	45	53
65	39	52
60	37	51
55	41	83
50	74	105
45	121	170

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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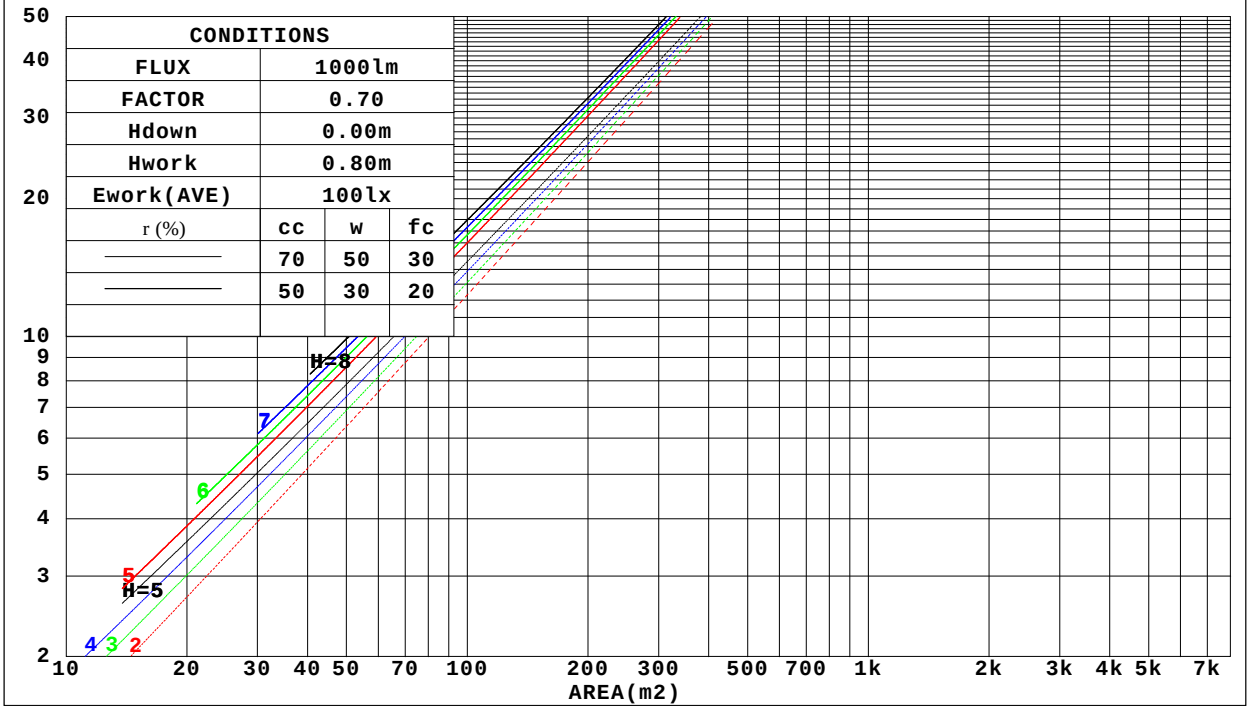
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

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						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	1.10	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	1.03	1.01	1.05	1.02	.00	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.02	.98	.95	1.00	.97	.94	.98	.95	.92	.96	.93	.91	.93	.91	.90	.88
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.90	.87	.91	.88	.86	.85
5.0	.93	.89	.86	.93	.88	.85	.91	.87	.85	.89	.86	.84	.88	.85	.83	.82
6.0	.90	.85	.82	.89	.85	.82	.88	.84	.81	.87	.83	.81	.85	.83	.80	.79
7.0	.87	.82	.79	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.79	.76	.83	.79	.76	.82	.79	.76	.82	.78	.76	.81	.78	.75	.74
9.0	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.79	.75	.73	.72
10.0	.79	.75	.72	.78	.74	.72	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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WEC AND CCEC

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	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						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.147	.084	.027	.141	.080	.026	.128	.074	.024	.117	.067	.022	.106	.062	.020	
2.0	.137	.075	.023	.131	.072	.022	.121	.067	.021	.111	.062	.020	.103	.058	.018	
3.0	.127	.068	.020	.123	.066	.020	.114	.062	.019	.106	.058	.018	.099	.055	.017	
4.0	.119	.062	.018	.115	.060	.018	.108	.057	.017	.101	.054	.016	.095	.052	.016	
5.0	.112	.057	.017	.109	.056	.016	.103	.053	.016	.097	.051	.015	.091	.049	.015	
6.0	.106	.053	.015	.103	.052	.015	.098	.050	.015	.093	.048	.014	.088	.046	.014	
7.0	.101	.050	.014	.098	.049	.014	.093	.047	.014	.089	.046	.013	.085	.044	.013	
8.0	.096	.047	.013	.093	.046	.013	.089	.045	.013	.085	.043	.012	.082	.042	.012	
9.0	.091	.044	.012	.089	.044	.012	.086	.042	.012	.082	.041	.012	.079	.040	.012	
10.0	.087	.042	.012	.086	.041	.012	.082	.040	.011	.079	.039	.011	.076	.038	.011	

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						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	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.117	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.078	.107	.085	.067	.074	.059	.048	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.065	.098	.074	.056	.068	.052	.040	.039	.030	.024	.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	.085	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.092	.061	.040	.079	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.086	.056	.035	.074	.048	.030	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.081	.051	.031	.070	.044	.027	.049	.031	.019	.028	.018	.011	.009	.006	.004	

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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UGR(Unified Glare Rating) Table

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	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	-0.8	-0.1	-0.6	0.1	0.2	0.8	1.5	1.0	1.6	1.8
3H	-0.4	0.3	-0.1	0.5	0.7	1.2	1.9	1.5	2.1	2.3
4H	0.0	0.7	0.3	0.9	1.1	1.6	2.2	1.8	2.4	2.6
6H	0.7	1.3	1.0	1.5	1.7	2.1	2.6	2.3	2.9	3.1
8H	1.1	1.7	1.4	2.0	2.2	2.2	2.8	2.5	3.0	3.2
12H	1.8	2.3	2.1	2.6	2.9	2.2	2.7	2.5	3.0	3.2
4H 2H	-0.8	-0.1	-0.5	0.1	0.3	0.7	1.3	1.0	1.5	1.7
3H	-0.2	0.4	0.1	0.6	0.9	1.3	1.9	1.6	2.1	2.4
4H	0.4	0.9	0.8	1.2	1.5	1.9	2.4	2.2	2.7	3.0
6H	1.3	1.7	1.7	2.1	2.4	2.6	3.0	3.0	3.4	3.7
8H	1.9	2.3	2.3	2.6	3.0	2.8	3.2	3.2	3.5	3.9
12H	2.7	3.0	3.1	3.4	3.8	2.8	3.2	3.2	3.5	3.9
8H 4H	0.7	1.1	1.1	1.5	1.8	2.0	2.4	2.4	2.8	3.1
6H	1.8	2.2	2.3	2.6	3.0	3.0	3.3	3.4	3.7	4.1
8H	2.6	2.9	3.0	3.3	3.8	3.2	3.5	3.7	4.0	4.4
12H	3.6	3.9	4.1	4.3	4.8	3.2	3.5	3.7	3.9	4.4
12H 4H	0.8	1.2	1.2	1.5	1.9	2.0	2.4	2.4	2.8	3.2
6H	2.0	2.3	2.4	2.7	3.2	3.1	3.4	3.5	3.8	4.2
8H	2.9	3.1	3.3	3.6	4.1	3.4	3.7	3.9	4.1	4.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.9					+ 1.0 / - 1.0				
1.5H	+ 1.3 / - 1.1					+ 2.0 / - 1.5				
2.0H	+ 1.8 / - 0.8					+ 2.3 / - 1.1				

CIE Pub.117, 333.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.8)
Area: 0.1 m2

H(b) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(b) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:6.900m [K=1.0000]
Test Date:2026-09-08	Remarks:

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UTILIZATION FACTORS TABLE

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	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) x RCR = 5									
k = 0.60	89	83	79	88	83	79	88	82	79	75
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	96	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	94
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
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Temperature:25.3DEG
Operators:
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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:6.900m [K=1.0000]
Remarks:

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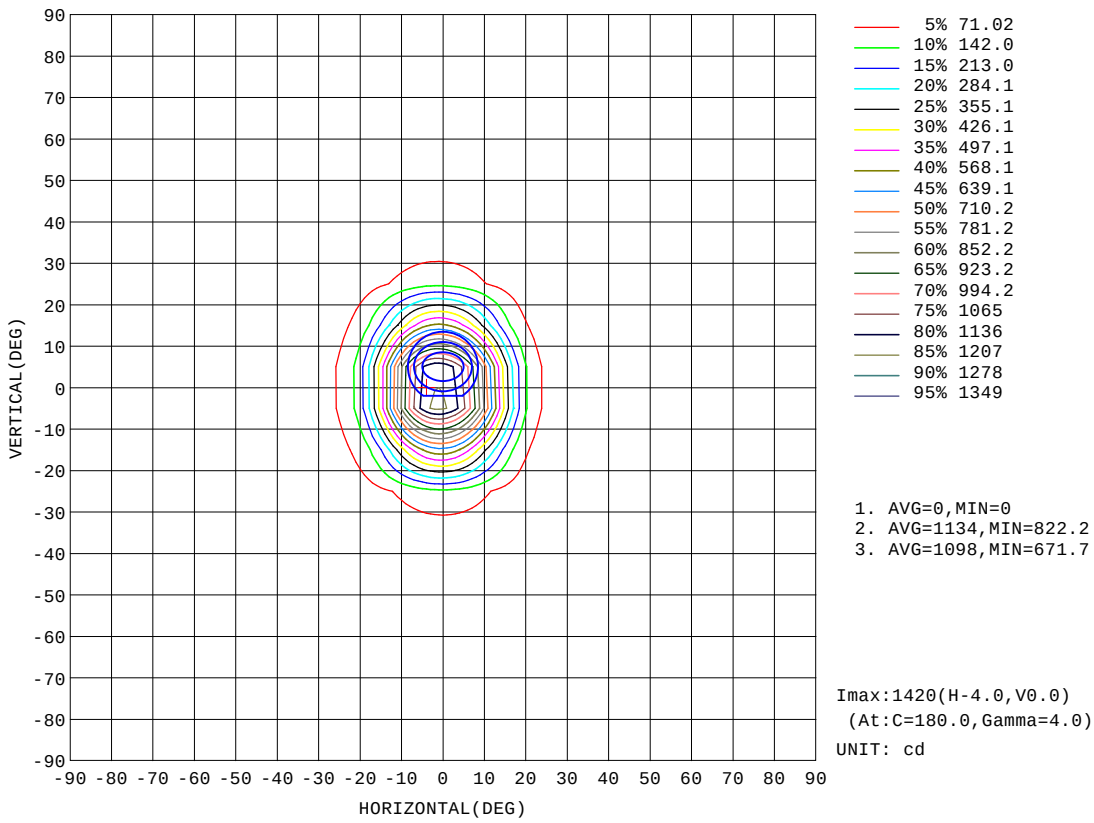
ISOCANDELA DIAGRAM

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	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:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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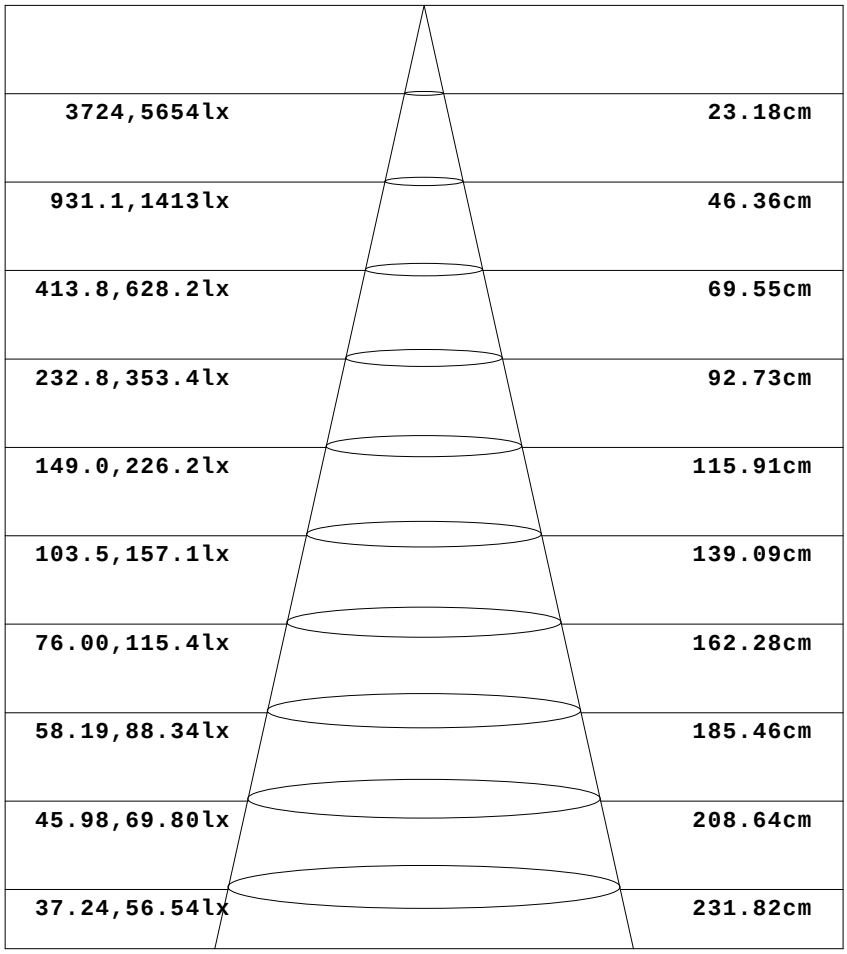
AAI Figure

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Flux out:168.6 lm



Height	Eavg,Emax	Angle:26.10deg	Diameter
0.5m	3724,5654lx		23.18cm
1m	931.1,1413lx		46.36cm
1.5m	413.8,628.2lx		69.55cm
2m	232.8,353.4lx		92.73cm
2.5m	149.0,226.2lx		115.91cm
3m	103.5,157.1lx		139.09cm
3.5m	76.00,115.4lx		162.28cm
4m	58.19,88.34lx		185.46cm
4.5m	45.98,69.80lx		208.64cm
5m	37.24,56.54lx		231.82cm

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:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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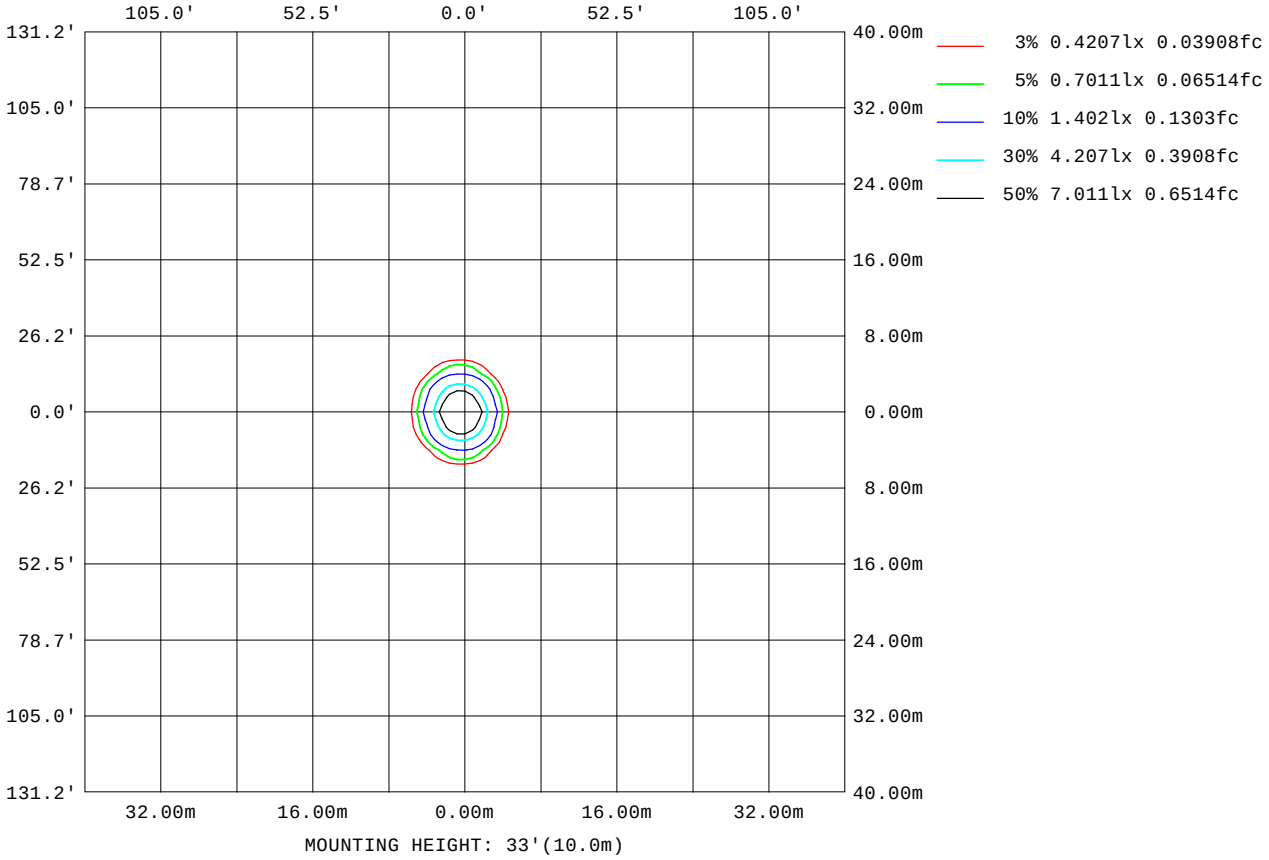
ISOLUX DIAGRAM

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	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:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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LED Avg.L Report

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

AvgL	cd/m2
L_0~180(65)av	45
L_0~180(75)av	59
L_0~180(85)av	146
L_90~270(65)av	46
L_90~270(75)av	56
L_90~270(85)av	0
L_45(65)av	38
L_45(75)av	53
L_45(85)av	53

Standard: GB/T 29293-2012

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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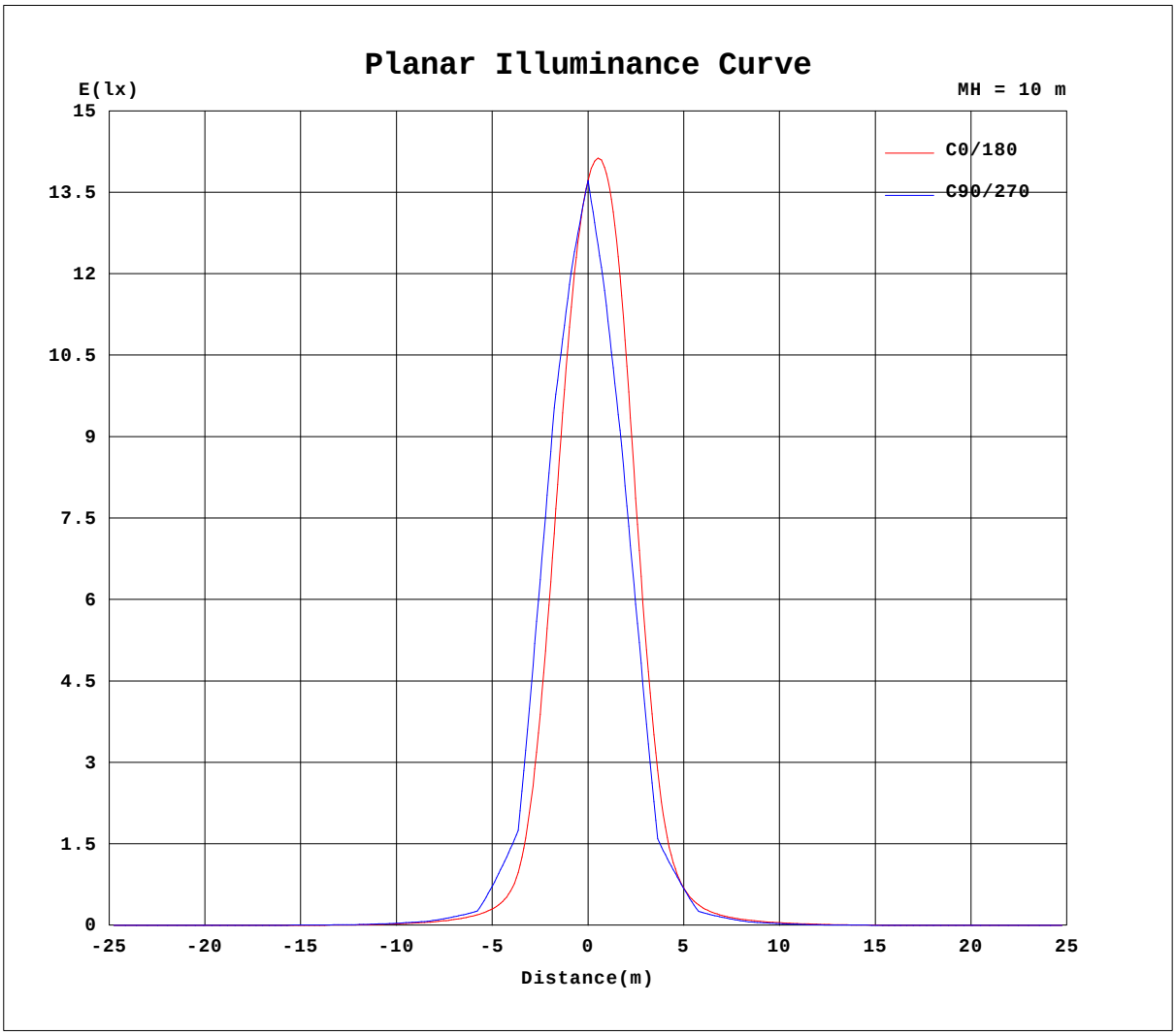
Planar Illuminance Curve



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	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	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372
5	1152	1146	1143	1142	1143	1145	1149	1155	1161	1167	1174	1180	1186	1193	1199	1204	1210	1214	1219
10	756	762	773	790	812	837	863	850	843	842	845	854	867	885	905	928	953	976	998
15	355	373	399	433	461	443	428	419	416	443	475	505	534	560	581	598	609	616	621
20	118	132	153	171	158	142	134	162	195	230	251	249	240	231	221	212	206	206	211
25	51.0	55.8	62.7	59.8	54.7	55.3	63.9	77.6	79.4	77.5	65.5	66.0	76.2	88.4	101	113	122	127	128
30	30.6	33.1	34.8	32.0	31.6	34.7	36.4	34.7	32.7	35.8	39.8	44.1	46.1	47.5	47.7	46.1	43.4	41.2	40.9
35	19.9	21.8	21.6	19.9	21.8	22.2	20.5	21.3	23.3	23.8	23.2	22.0	23.2	24.8	26.2	27.4	28.3	28.9	29.3
40	13.1	14.7	13.6	13.7	14.4	12.9	13.8	14.7	13.8	13.3	14.7	16.0	16.5	16.6	16.6	16.6	16.6	16.7	17.1
45	8.54	9.98	8.41	9.54	8.45	8.76	8.86	7.96	8.67	9.46	9.39	9.18	9.50	10.1	10.7	11.2	11.5	11.8	12.0
50	4.73	5.66	4.93	5.14	4.78	4.93	4.23	5.07	4.87	4.41	5.32	5.93	6.24	6.34	6.46	6.57	6.58	6.56	6.75
55	2.34	2.66	2.66	2.15	2.54	2.03	2.48	2.02	2.38	2.90	2.89	2.59	2.92	3.51	4.02	4.37	4.49	4.57	4.76
60	1.86	1.87	1.82	1.69	1.53	1.52	1.41	1.53	1.65	1.61	1.74	2.06	2.32	2.48	2.55	2.53	2.52	2.51	2.57
65	1.64	1.63	1.51	1.43	1.35	1.29	1.31	1.34	1.45	1.53	1.59	1.66	1.76	1.83	1.92	2.00	2.09	2.15	2.21
70	1.54	1.49	1.38	1.27	1.21	1.19	1.26	1.31	1.36	1.41	1.47	1.52	1.55	1.62	1.63	1.65	1.70	1.75	1.81
75	1.43	1.31	1.20	1.11	1.11	1.16	1.20	1.24	1.25	1.29	1.30	1.32	1.37	1.39	1.41	1.44	1.46	1.49	1.51
80	1.37	1.16	1.03	1.04	1.06	1.09	1.09	1.13	1.12	1.15	1.15	1.16	1.18	1.18	1.19	1.20	1.21	1.21	1.19
85	1.27	0.97	0.96	0.95	0.99	0.99	0.98	0.75	0.57	0.43	0.33	0.24	0.17	0.12	0.07	0.04	0.02	0.00	0.00
90	1.15	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:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	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	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372
5	1222	1226	1230	1234	1238	1242	1249	1255	1263	1273	1285	1298	1313	1330	1349	1369	1390	1412	1388
10	1016	1031	1042	1048	1050	1047	1038	1026	1013	996	979	961	984	1014	1054	1101	1155	1214	1152
15	625	629	634	641	650	663	677	692	708	709	660	611	567	529	564	623	690	767	691
20	221	234	249	263	275	282	281	274	278	296	307	314	278	243	213	244	291	344	292
25	127	124	120	115	111	106	101	101	105	101	95.5	109	117	111	94.8	88.0	106	126	107
30	43.0	46.7	50.4	52.6	53.0	52.0	50.0	50.5	51.3	51.6	50.2	47.4	49.6	55.2	52.5	45.8	50.1	58.5	50.3
35	29.4	29.4	29.4	29.3	29.2	29.0	29.0	29.3	28.5	28.4	30.1	30.5	28.2	29.3	33.0	29.4	29.2	33.7	29.2
40	17.4	17.9	18.4	18.6	18.7	18.4	18.2	18.5	18.7	18.3	17.4	18.6	19.7	18.0	19.8	20.2	18.6	21.9	18.6
45	12.1	12.1	12.0	11.9	11.9	11.9	12.0	11.6	10.9	11.4	12.0	11.2	11.7	12.7	11.8	14.2	12.0	14.6	12.0
50	7.15	7.29	7.38	7.27	7.18	7.19	7.03	7.03	6.98	6.44	6.18	7.05	6.53	7.29	7.31	8.26	7.44	9.18	7.38
55	4.85	4.82	4.74	4.47	4.38	4.10	3.80	3.57	3.35	3.37	3.09	2.86	3.39	3.06	4.06	3.60	3.89	4.81	3.82
60	2.67	2.78	2.89	2.92	2.95	2.79	2.45	2.24	2.01	1.99	1.75	1.67	1.73	1.86	2.03	2.21	2.41	2.53	2.37
65	2.24	2.25	2.25	2.24	2.21	2.18	2.14	2.02	1.86	1.75	1.61	1.52	1.50	1.54	1.70	1.93	2.05	2.13	2.01
70	1.84	1.86	1.88	1.89	1.87	1.85	1.83	1.76	1.73	1.72	1.57	1.45	1.39	1.38	1.44	1.58	1.72	1.84	1.71
75	1.52	1.52	1.55	1.54	1.55	1.55	1.56	1.56	1.54	1.50	1.46	1.44	1.37	1.30	1.28	1.37	1.51	1.63	1.50
80	1.21	1.18	1.22	1.23	1.21	1.23	1.24	1.23	1.25	1.26	1.28	1.30	1.27	1.24	1.20	1.17	1.30	1.41	1.28
85	0.00	0.02	0.04	0.08	0.12	0.18	0.25	0.33	0.45	0.59	0.78	1.02	1.05	1.08	1.14	1.13	1.07	1.28	1.05
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	1.13	0.00

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	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	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372
5	1364	1341	1320	1300	1283	1268	1253	1241	1231	1222	1213	1207	1201	1196	1192	1187	1183	1178	1174
10	1095	1045	1003	969	942	953	964	976	983	988	992	989	983	973	960	943	925	903	881
15	624	565	529	561	598	637	676	673	659	644	630	617	607	598	590	584	578	571	561
20	247	218	249	287	321	312	298	281	275	280	279	272	259	241	222	205	193	186	185
25	89.1	97.2	116	123	114	101	108	112	109	110	113	117	119	121	122	122	121	117	111
30	46.2	53.4	56.4	50.6	48.4	51.7	53.9	53.8	53.1	52.3	54.2	54.8	53.5	50.4	46.3	42.2	39.8	39.6	41.0
35	29.4	33.2	29.4	28.3	30.6	30.1	28.4	28.4	29.0	28.3	28.2	28.3	28.4	28.4	28.4	28.2	27.9	27.3	26.4
40	20.2	19.7	17.8	19.5	18.3	17.1	17.8	18.0	17.7	17.4	17.5	17.6	17.4	16.9	16.2	15.5	15.0	14.6	14.6
45	14.1	11.6	12.5	11.5	10.8	11.6	10.9	10.2	10.7	10.9	10.8	10.7	10.6	10.5	10.3	10.1	10.1	9.75	9.45
50	8.14	7.06	7.03	6.17	6.64	5.76	5.80	6.13	6.16	6.04	6.05	6.09	5.98	5.72	5.20	4.98	4.84	4.45	4.23
55	3.50	3.89	2.89	3.14	2.61	2.71	2.91	2.87	2.91	2.84	3.02	3.31	3.49	3.55	3.47	3.36	3.41	3.21	2.98
60	2.15	1.98	1.79	1.65	1.59	1.59	1.72	1.71	1.77	1.88	2.08	2.18	2.19	2.11	1.99	1.91	1.87	1.86	1.90
65	1.87	1.67	1.50	1.44	1.42	1.48	1.50	1.56	1.61	1.67	1.70	1.70	1.71	1.72	1.72	1.70	1.72	1.68	1.69
70	1.57	1.40	1.32	1.33	1.35	1.41	1.46	1.48	1.49	1.51	1.54	1.54	1.55	1.56	1.55	1.55	1.54	1.53	1.51
75	1.34	1.21	1.22	1.27	1.31	1.34	1.36	1.39	1.40	1.40	1.40	1.41	1.41	1.41	1.41	1.40	1.39	1.37	1.38
80	1.12	1.15	1.20	1.22	1.27	1.27	1.25	1.26	1.27	1.27	1.27	1.28	1.28	1.26	1.27	1.26	1.22	1.21	1.26
85	1.09	1.15	1.15	1.16	1.16	0.86	0.65	0.49	0.37	0.27	0.19	0.13	0.08	0.04	0.02	0.00	0.00	0.00	0.02
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:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.26V I:0.0624A P:5.2413W PF:0.5590 Freq:50.00Hz Lamp Flux:333.046x1 lm		
NAME: 6144	TYPE:5W-3000K	WEIGHT:
SPEC.:	DIM.: 61*61*158mm	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	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372	1372				
5	1169	1165	1160	1155	1151	1146	1141	1137	1134	1131	1130	1131	1133	1137	1143				
10	859	840	823	810	801	798	799	804	816	833	813	792	775	763	757				
15	550	533	512	487	457	426	393	369	379	395	415	438	416	388	368				
20	190	199	210	218	223	224	204	172	144	122	134	151	166	150	131				
25	102	91.2	80.4	70.5	62.2	61.6	71.6	73.8	73.3	62.2	54.8	54.5	59.6	62.6	55.8				
30	42.7	43.7	43.7	42.8	41.5	37.9	34.4	31.6	33.9	35.8	34.5	31.4	31.9	34.8	33.1				
35	25.4	24.1	22.7	21.4	20.3	21.8	22.6	22.3	20.6	20.0	21.7	21.5	19.7	21.4	21.8				
40	14.7	14.8	14.9	14.9	14.6	13.6	12.5	13.1	14.1	13.3	12.5	14.1	13.4	13.4	14.6				
45	9.13	8.87	8.59	8.22	8.05	8.38	8.62	7.98	7.37	8.32	8.27	8.05	9.22	8.19	9.86				
50	4.44	4.70	4.97	5.13	5.00	4.46	3.71	4.31	4.54	3.72	4.51	4.40	4.85	4.75	5.56				
55	2.85	2.74	2.55	2.22	2.09	2.43	2.50	2.07	1.82	2.23	1.81	2.33	2.02	2.56	2.62				
60	1.93	1.94	1.94	1.87	1.70	1.55	1.47	1.51	1.43	1.36	1.42	1.48	1.65	1.79	1.87				
65	1.65	1.62	1.58	1.53	1.47	1.45	1.42	1.38	1.28	1.27	1.22	1.28	1.38	1.50	1.63				
70	1.51	1.49	1.46	1.44	1.41	1.38	1.35	1.31	1.26	1.22	1.16	1.15	1.27	1.36	1.50				
75	1.37	1.36	1.35	1.33	1.32	1.30	1.28	1.26	1.23	1.19	1.14	1.09	1.08	1.16	1.31				
80	1.23	1.23	1.21	1.22	1.21	1.20	1.19	1.19	1.17	1.16	1.12	1.08	1.04	1.01	1.14				
85	0.04	0.08	0.12	0.18	0.26	0.35	0.47	0.62	0.80	1.05	1.07	1.07	1.06	1.00	0.94				
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:
Test Date:2026-09-08

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:6.900m [K=1.0000]
Remarks:

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