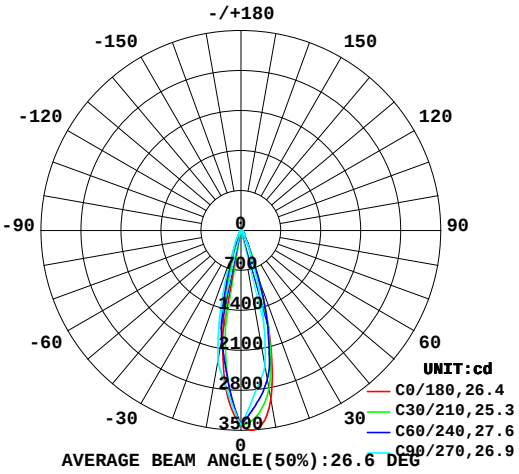
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

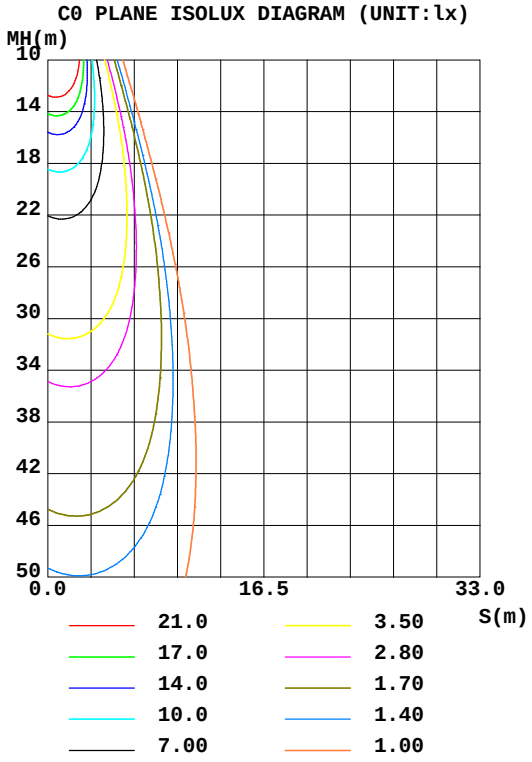
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 68.64 lm/W	
MODEL		Imax(cd)	3500	S/MH(C0/180)	0.36
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	85-265V	TOTAL FLUX(lm)	836.29	h UP,DN(C0-180)	0.0,52.5
NOMINAL FLUX(lm)	836.291	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,47.5
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	h down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):26.6 DEG

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:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	3008	2721	2432	1767	1847	1716	2330	2545	0- 10	257.6	257.6	30.8,30.8
20	924.0	1076	575.5	364.3	286.5	349.0	420.8	860.3	10- 20	368.3	625.9	74.8,74.8
30	148.8	167.1	108.2	84.01	80.18	82.20	94.67	132.5	20- 30	125.5	751.4	89.8,89.8
40	54.76	53.13	46.21	35.49	37.95	33.76	38.77	45.96	30- 40	44.72	796.1	95.2,95.2
50	23.85	21.44	20.19	13.32	15.77	11.52	13.94	17.59	40- 50	22.53	818.6	97.9,97.9
60	6.289	5.296	7.981	4.528	6.176	3.628	4.974	3.867	50- 60	9.113	827.8	99,99
70	3.937	3.763	4.944	3.517	3.910	2.986	3.518	3.173	60- 70	4.247	832.0	99.5,99.5
80	3.054	2.588	2.485	2.200	2.563	2.335	2.535	2.610	70- 80	3.081	835.1	99.9,99.9
90	2.426	0	0	0	1.874	0	0	0	80- 90	1.212	836.3	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): 809.39 lm

%lum = 96.8%
%lamp = 96.8%

Conical surface Flux(120deg): 827.75 lm

%lum = 99.0%
%lamp = 99.0%

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-07

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:7.000m [K=1.0000]
Remarks:

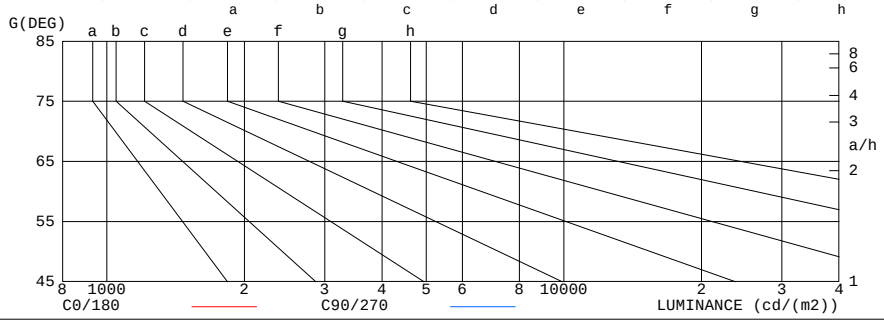
PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

LUMINANCE LIMITATION CURVES

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	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	308	0
80	176	143
75	132	143
70	115	145
65	115	152
60	126	160
55	232	242
50	371	314
45	518	464

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

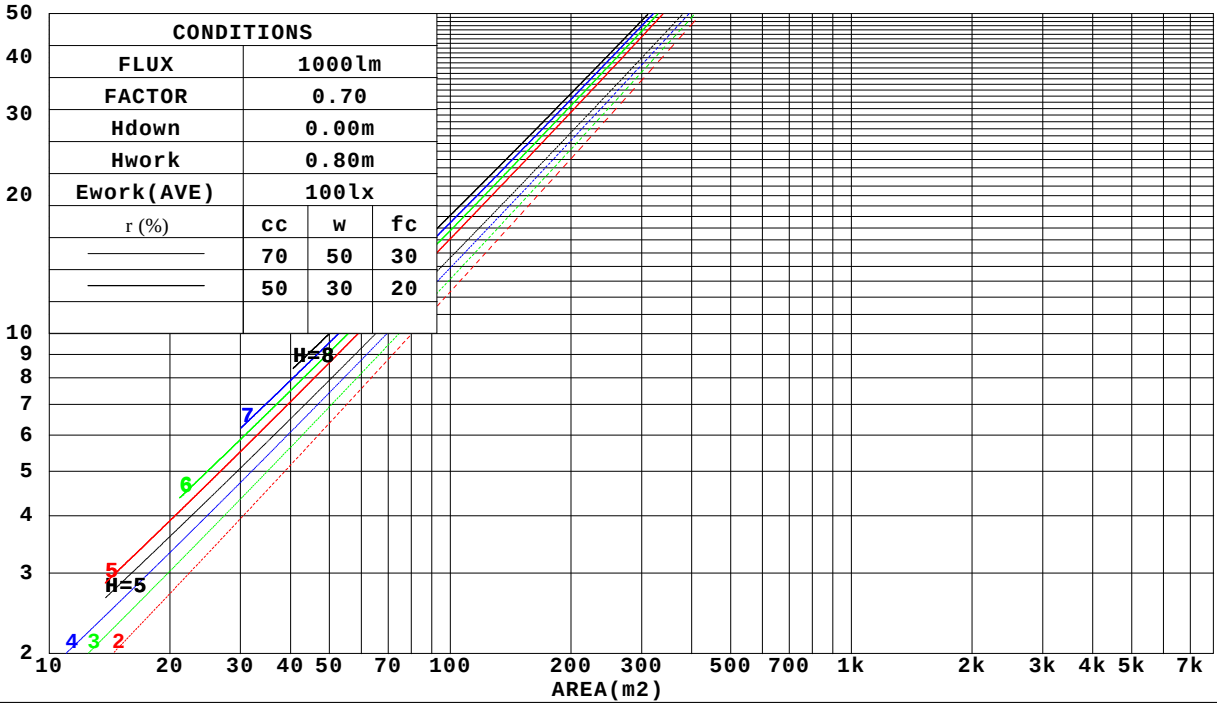
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	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	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.97	.94	1.00	.96	.94	.98	.95	.92	.95	.93	.91	.93	.91	.89	.88
4.0	.97	.93	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.85
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.83	.82
6.0	.89	.85	.82	.89	.84	.81	.87	.84	.81	.86	.83	.80	.85	.82	.80	.79
7.0	.86	.82	.78	.86	.81	.78	.84	.81	.78	.83	.80	.78	.82	.79	.77	.76
8.0	.83	.79	.76	.83	.78	.76	.82	.78	.75	.81	.77	.75	.80	.77	.75	.74
9.0	.81	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.73	.78	.75	.72	.71
10.0	.78	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.76	.73	.70	.69

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

WEC AND CCEC

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.148	.084	.027	.142	.081	.026	.129	.074	.024	.118	.068	.022	.107	.062	.020	
2.0	.138	.076	.023	.133	.073	.022	.122	.068	.021	.113	.063	.020	.104	.059	.019	
3.0	.129	.069	.021	.124	.067	.020	.116	.063	.019	.108	.059	.018	.100	.055	.017	
4.0	.121	.063	.018	.117	.061	.018	.110	.058	.017	.103	.055	.017	.096	.052	.016	
5.0	.114	.058	.017	.110	.057	.017	.104	.054	.016	.098	.052	.015	.093	.050	.015	
6.0	.108	.054	.015	.105	.053	.015	.099	.051	.015	.094	.049	.014	.090	.047	.014	
7.0	.102	.050	.014	.100	.050	.014	.095	.048	.014	.090	.046	.013	.086	.045	.013	
8.0	.097	.048	.013	.095	.047	.013	.091	.045	.013	.087	.044	.013	.083	.043	.012	
9.0	.093	.045	.013	.091	.044	.012	.087	.043	.012	.084	.042	.012	.080	.041	.012	
10.0	.089	.043	.012	.087	.042	.012	.084	.041	.012	.081	.040	.011	.078	.039	.011	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.077	.107	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.065	.099	.074	.056	.068	.052	.040	.039	.031	.024	.013	.010	.008	
6.0	.106	.076	.054	.091	.066	.047	.063	.046	.034	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.092	.061	.040	.080	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.087	.056	.035	.075	.048	.030	.052	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.082	.051	.031	.071	.044	.027	.049	.031	.019	.029	.018	.011	.009	.006	.004	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

UGR(Unified Glare Rating) Table

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	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	2.9	3.6	3.1	3.8	3.9	2.8	3.5	3.0	3.7	3.8
3H	2.9	3.6	3.2	3.8	4.0	3.1	3.8	3.4	4.0	4.2
4H	3.0	3.7	3.3	3.9	4.1	3.3	4.0	3.6	4.2	4.4
6H	3.2	3.8	3.5	4.0	4.2	3.5	4.1	3.8	4.4	4.6
8H	3.3	3.9	3.6	4.1	4.4	3.6	4.1	3.9	4.4	4.6
12H	3.5	4.1	3.8	4.3	4.6	3.5	4.1	3.8	4.3	4.6
4H 2H	2.8	3.4	3.1	3.7	3.9	2.7	3.4	3.0	3.6	3.8
3H	2.9	3.5	3.2	3.7	4.0	3.2	3.8	3.5	4.0	4.3
4H	3.0	3.6	3.4	3.8	4.1	3.5	4.0	3.9	4.3	4.6
6H	3.3	3.7	3.7	4.1	4.4	3.8	4.3	4.2	4.6	5.0
8H	3.5	3.9	3.9	4.2	4.6	3.9	4.3	4.3	4.7	5.0
12H	3.8	4.1	4.2	4.5	4.9	3.9	4.3	4.3	4.6	5.0
8H 4H	3.1	3.5	3.5	3.9	4.2	3.5	4.0	3.9	4.3	4.7
6H	3.5	3.8	3.9	4.2	4.6	4.0	4.3	4.4	4.7	5.2
8H	3.8	4.1	4.2	4.5	4.9	4.1	4.4	4.6	4.8	5.3
12H	4.2	4.5	4.7	4.9	5.4	4.1	4.4	4.6	4.8	5.3
12H 4H	3.1	3.5	3.5	3.8	4.2	3.5	3.9	3.9	4.3	4.7
6H	3.5	3.8	4.0	4.3	4.7	4.0	4.3	4.5	4.8	5.2
8H	3.9	4.2	4.4	4.6	5.1	4.2	4.4	4.6	4.9	5.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 2.1					+ 1.1 / - 1.5				
1.5H	+ 1.9 / - 2.3					+ 1.7 / - 1.4				
2.0H	+ 3.0 / - 2.6					+ 2.4 / - 1.6				

CIE Pub.117, 836.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.6)
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:7.000m [K=1.0000]
Test Date:2026-09-07	Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

UTILIZATION FACTORS TABLE

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	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	82	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	94	89	86	83
1.00	100	95	91	99	94	91	98	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	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	

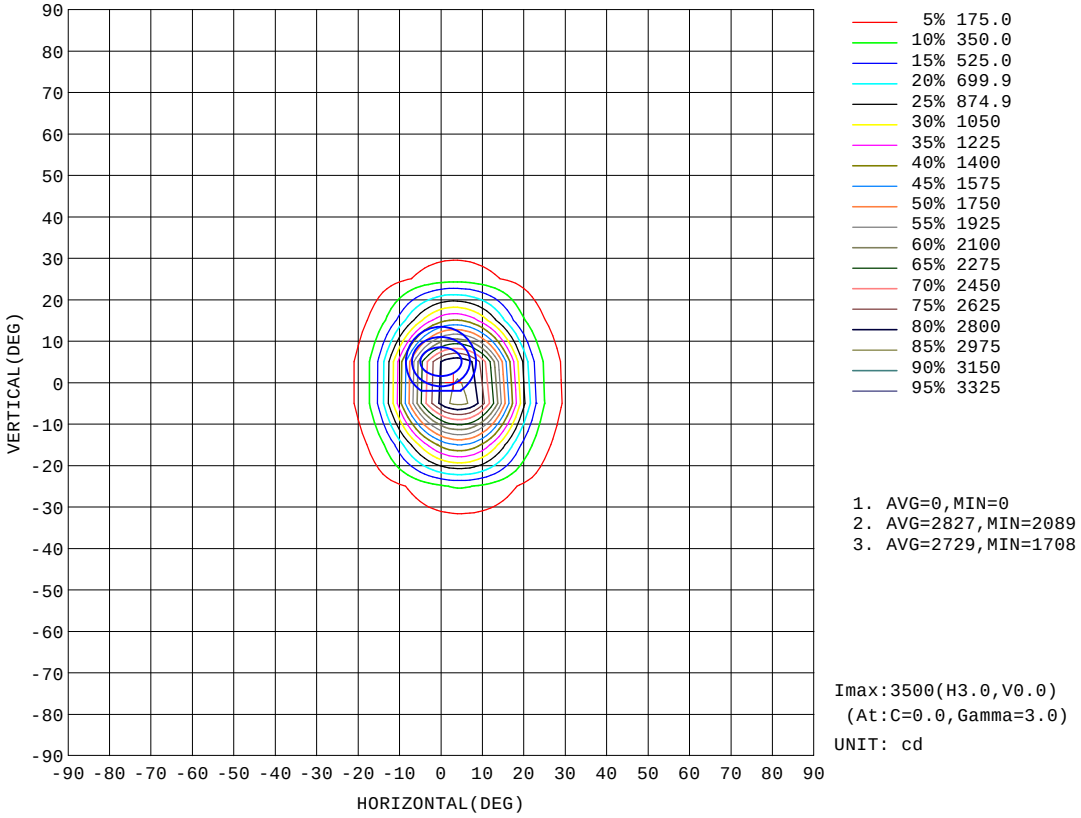
H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

ISOCANDELA DIAGRAM

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°



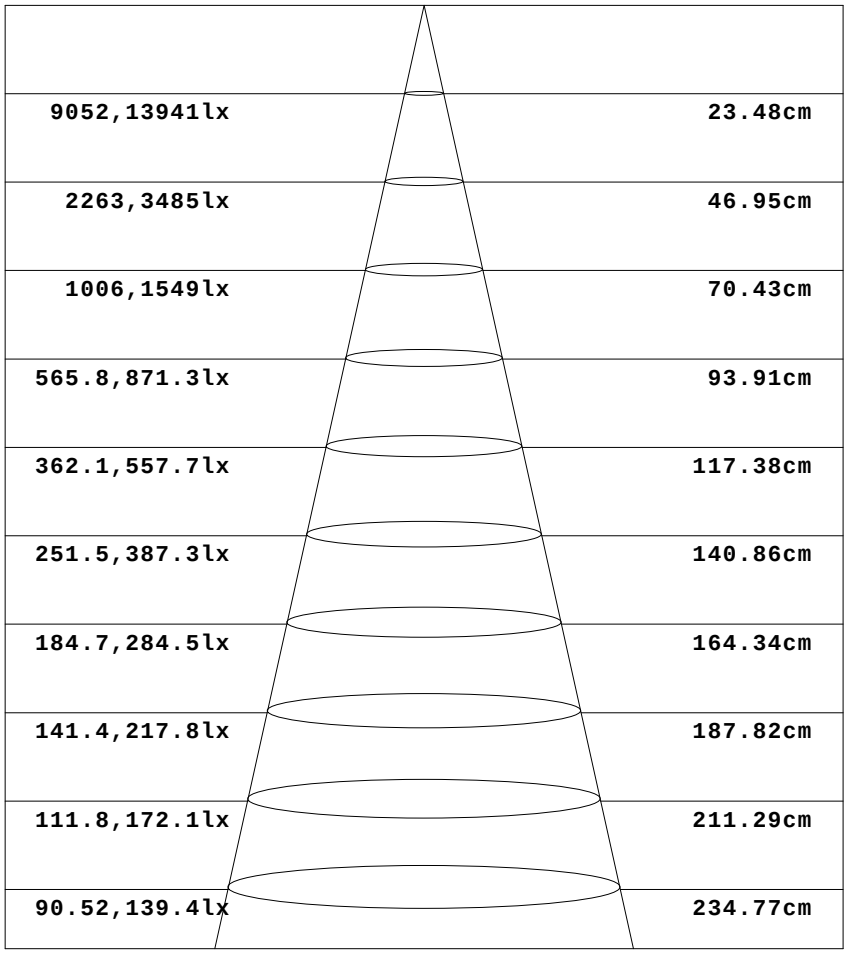
H(b) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(b) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:7.000m [K=1.0000]
Test Date:2026-09-07	Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

AAI Figure

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Flux out:409.8 lm



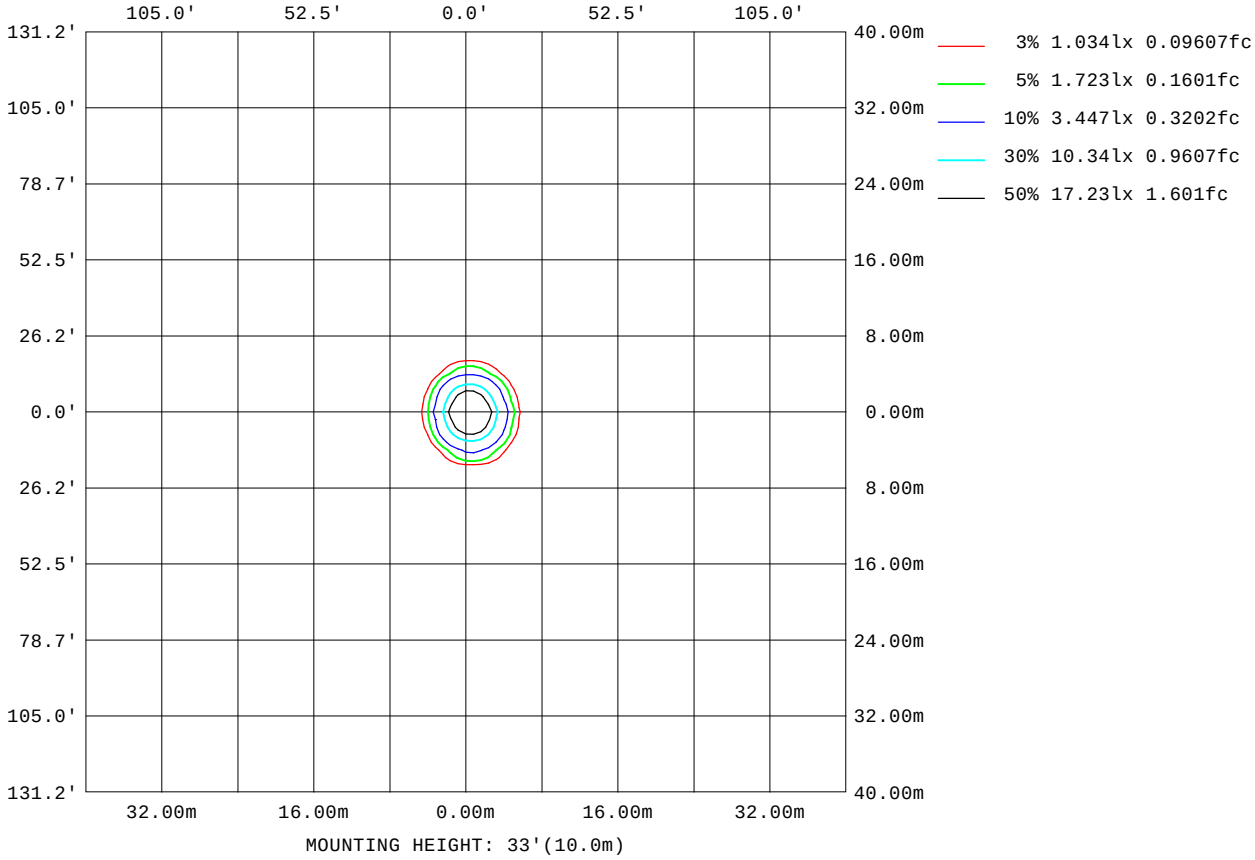
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:7.000m [K=1.0000]
Test Date:2026-09-07	Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

ISOLUX DIAGRAM

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	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:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

LED Avg.L Report

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

AvgL	cd/m2
L_0~180(65)av	115
L_0~180(75)av	127
L_0~180(85)av	277
L_90~270(65)av	126
L_90~270(75)av	130
L_90~270(85)av	0
L_45(65)av	89
L_45(75)av	114
L_45(85)av	101

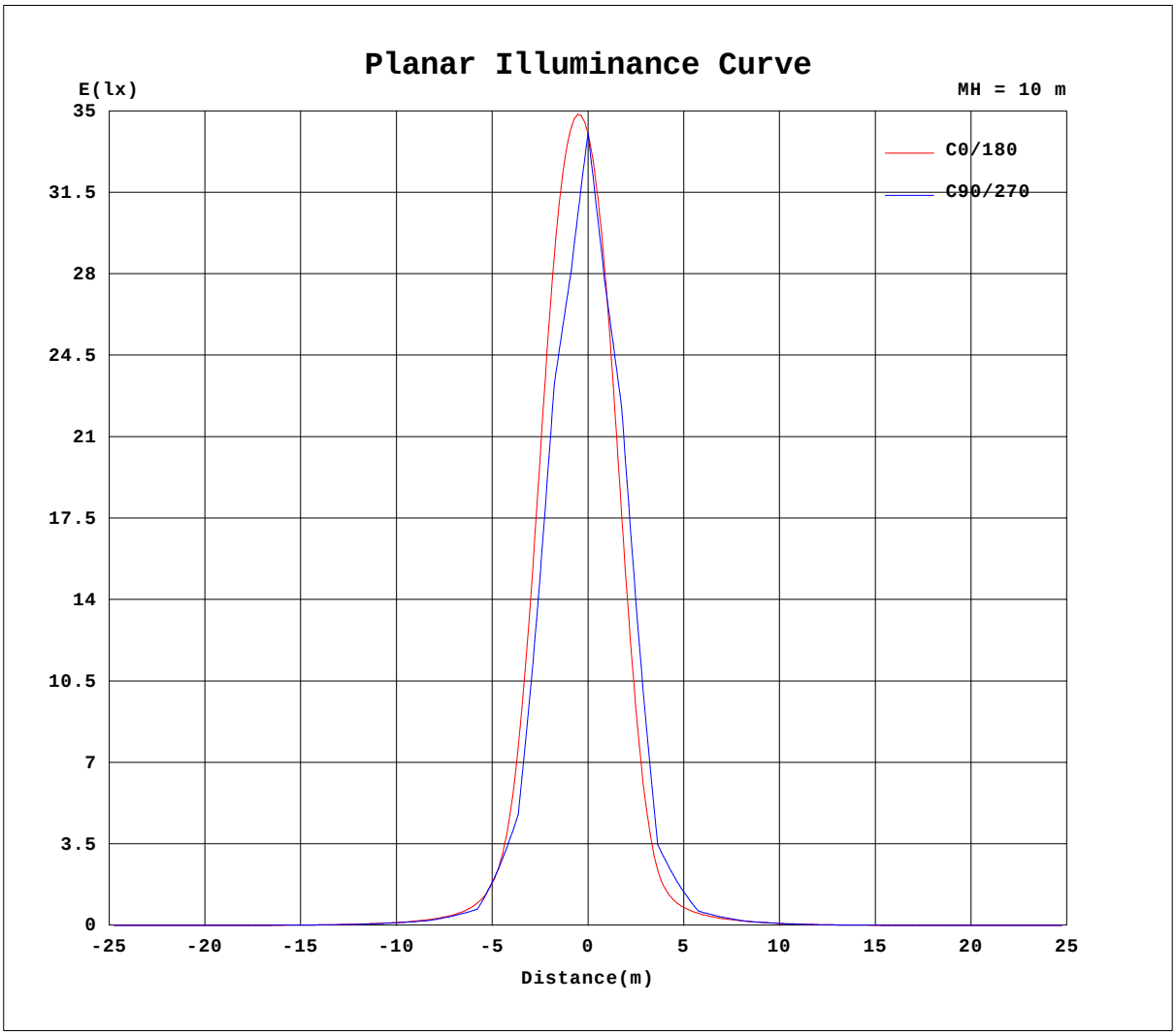
Standard: GB/T 29293-2012

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

Planar Illuminance Curve



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405
5	3469	3430	3392	3356	3320	3286	3253	3222	3189	3155	3123	3090	3055	3022	2987	2952	2917	2880	2848
10	3008	2957	2916	2883	2859	2842	2823	2783	2747	2721	2694	2672	2652	2627	2599	2566	2527	2483	2432
15	1977	1955	1957	1979	2000	1957	1930	1919	1920	1922	1911	1888	1851	1800	1740	1671	1598	1525	1455
20	924	936	974	1010	975	952	955	1004	1047	1076	1062	1010	945	871	798	729	667	616	575
25	333	350	382	373	362	378	421	459	448	413	345	342	368	387	396	393	379	357	329
30	149	156	164	157	157	171	180	171	153	167	182	194	195	188	172	152	131	116	108
35	84.8	89.0	89.3	86.6	91.2	92.6	87.7	89.1	94.8	96.6	93.2	82.7	83.4	85.3	85.8	84.8	82.6	79.6	76.0
40	54.8	57.6	55.9	56.3	57.7	54.7	56.2	57.8	55.5	53.1	55.6	57.5	57.6	56.7	55.0	52.6	50.2	48.0	46.2
45	36.7	38.8	36.4	38.0	36.1	36.3	36.7	34.1	35.4	37.2	36.7	35.4	34.9	35.6	36.1	35.7	35.0	34.2	32.8
50	23.9	25.2	23.9	24.0	23.1	22.8	21.4	22.7	22.2	21.4	22.8	23.8	24.0	23.7	23.3	22.3	21.2	20.8	20.2
55	13.3	14.0	13.9	12.4	12.7	11.2	12.1	11.1	12.0	12.9	12.9	12.8	13.6	14.6	15.0	14.8	14.5	14.4	13.9
60	6.29	6.31	6.16	5.66	4.32	5.12	4.04	5.88	5.70	5.30	7.04	8.52	9.06	9.21	8.96	8.62	8.32	8.12	7.98
65	4.87	4.71	4.17	3.51	3.15	2.96	3.14	3.37	3.85	4.39	5.00	5.21	5.60	5.97	6.21	6.38	6.50	6.52	6.43
70	3.94	3.76	3.25	2.74	2.48	2.54	2.86	3.18	3.46	3.76	4.12	4.36	4.54	4.71	4.82	4.90	4.94	4.96	4.94
75	3.42	3.10	2.53	2.21	2.24	2.48	2.72	2.94	3.11	3.25	3.37	3.45	3.53	3.61	3.67	3.73	3.74	3.74	3.71
80	3.05	2.43	1.93	1.98	2.17	2.34	2.45	2.50	2.56	2.59	2.60	2.60	2.59	2.59	2.58	2.58	2.54	2.52	2.48
85	2.68	1.68	1.77	1.92	1.94	1.92	1.87	1.46	1.15	0.89	0.67	0.50	0.36	0.25	0.16	0.09	0.04	0.01	0.00
90	2.43	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:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405
5	2811	2779	2747	2718	2694	2671	2655	2642	2634	2633	2638	2648	2665	2690	2722	2761	2807	2858	2803
10	2372	2306	2235	2161	2085	2006	1924	1843	1767	1695	1630	1573	1581	1605	1642	1695	1763	1847	1758
15	1387	1326	1271	1220	1173	1131	1092	1053	1015	963	869	788	724	672	691	733	787	858	785
20	543	519	501	483	468	448	421	388	364	351	335	319	284	253	231	241	261	287	261
25	298	268	238	212	190	171	156	149	146	138	129	132	133	128	118	114	120	129	120
30	107	108	108	105	99.8	94.1	88.4	85.8	84.0	82.6	79.7	76.5	76.7	79.8	78.0	73.5	75.3	80.2	75.1
35	72.6	69.2	66.0	63.1	60.6	58.3	56.4	55.1	53.1	52.0	52.8	52.7	50.7	51.3	54.5	51.4	51.2	54.8	50.9
40	45.1	44.1	42.8	41.6	40.3	38.8	37.2	36.4	35.5	34.7	33.8	34.5	35.4	34.2	35.9	36.5	35.2	38.0	35.0
45	31.5	30.0	28.5	27.5	26.6	25.5	24.5	23.2	22.1	22.4	22.8	22.0	22.7	23.7	23.0	25.8	23.3	26.1	23.1
50	19.3	18.5	17.5	17.4	17.0	15.9	14.7	14.1	13.3	12.7	12.1	13.1	12.7	13.6	13.8	14.9	14.0	15.8	13.8
55	13.3	12.6	11.8	11.6	10.7	9.25	7.79	7.45	7.21	6.40	5.48	5.92	6.11	6.34	7.25	7.39	7.68	8.17	7.55
60	7.95	7.99	7.90	7.76	7.36	6.51	5.50	4.90	4.53	4.14	3.78	3.74	4.01	4.48	4.99	5.54	6.02	6.18	5.92
65	6.33	6.21	5.97	5.71	5.44	5.17	4.81	4.40	3.97	3.60	3.31	3.20	3.14	3.38	3.81	4.36	4.75	4.85	4.69
70	4.87	4.76	4.63	4.45	4.26	4.08	3.85	3.67	3.52	3.39	3.09	2.87	2.77	2.76	2.96	3.32	3.68	3.91	3.63
75	3.63	3.55	3.45	3.32	3.23	3.15	3.08	3.02	2.93	2.80	2.68	2.62	2.49	2.37	2.36	2.63	2.96	3.15	2.92
80	2.46	2.40	2.37	2.30	2.28	2.25	2.24	2.22	2.20	2.18	2.20	2.22	2.17	2.15	2.05	2.03	2.30	2.56	2.24
85	0.01	0.04	0.08	0.14	0.22	0.31	0.43	0.57	0.75	0.96	1.24	1.61	1.65	1.71	1.81	1.81	1.76	2.14	1.66
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	1.87	0.00

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Table--3 UNIT: cd

γ (DEG) \ C(DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405
5	2754	2712	2677	2649	2629	2617	2609	2607	2613	2624	2638	2659	2681	2708	2737	2767	2802	2833	2867
10	1685	1627	1584	1554	1540	1590	1649	1716	1788	1864	1942	2017	2089	2158	2222	2280	2330	2368	2399
15	728	684	660	705	760	830	912	959	996	1033	1071	1110	1150	1192	1236	1285	1339	1393	1448
20	241	230	251	280	311	324	338	349	370	398	417	427	427	421	413	412	421	444	483
25	114	118	128	132	131	129	136	144	145	151	162	175	189	204	220	236	252	265	273
30	73.1	77.4	78.9	75.6	75.2	78.2	80.9	82.2	83.8	85.9	90.7	94.9	97.5	97.9	96.5	94.5	94.7	98.9	108
35	50.9	53.7	50.3	49.4	51.1	51.1	50.3	51.0	52.7	53.4	55.2	57.1	58.9	60.7	62.5	64.3	66.1	67.9	69.4
40	36.1	35.3	33.5	34.5	33.2	32.5	33.5	33.8	34.2	34.9	36.2	37.5	38.2	38.5	38.4	38.4	38.8	39.7	41.0
45	25.2	22.3	22.9	21.6	20.8	21.5	21.0	20.6	21.4	22.3	23.1	23.8	24.4	25.0	25.4	25.5	26.2	26.6	27.1
50	14.3	13.0	12.7	11.4	11.8	10.8	10.9	11.5	12.3	12.5	12.8	13.5	14.1	14.3	14.1	13.5	13.9	13.8	14.1
55	7.17	6.78	5.88	5.39	5.20	4.58	5.04	5.80	6.09	5.47	5.97	7.19	8.27	8.90	9.24	9.06	9.40	9.36	9.34
60	5.39	4.77	4.20	3.71	3.40	3.34	3.48	3.63	3.87	4.03	4.40	4.84	5.15	5.18	5.08	4.98	4.97	5.06	5.23
65	4.26	3.67	3.18	2.91	2.89	2.92	3.04	3.26	3.42	3.53	3.63	3.79	3.91	4.02	4.10	4.18	4.24	4.26	4.28
70	3.22	2.81	2.58	2.53	2.59	2.74	2.90	2.99	3.05	3.13	3.20	3.29	3.36	3.40	3.45	3.49	3.52	3.54	3.56
75	2.47	2.22	2.20	2.31	2.45	2.51	2.60	2.68	2.73	2.78	2.81	2.85	2.87	2.91	2.95	2.98	3.02	3.04	3.06
80	1.87	1.94	2.07	2.17	2.25	2.27	2.30	2.34	2.36	2.38	2.39	2.42	2.44	2.45	2.48	2.49	2.53	2.54	2.56
85	1.80	1.91	1.95	1.97	1.97	1.50	1.15	0.89	0.67	0.49	0.35	0.24	0.15	0.08	0.04	0.01	0.00	0.01	0.04
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:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.07V I:0.1440A P:12.184W PF:0.5640 Freq:50.00Hz Lamp Flux:836.291x1 lm		
NAME: 6456	TYPE:12W-2700K	WEIGHT:
SPEC.:	DIM.: 88*88*115mm	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	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405	3405				
5	2900	2934	2968	3001	3036	3069	3103	3139	3175	3211	3249	3290	3332	3376	3422				
10	2422	2440	2457	2473	2489	2513	2545	2582	2631	2689	2726	2764	2810	2866	2932				
15	1501	1548	1587	1617	1635	1642	1638	1632	1662	1708	1770	1849	1866	1882	1917				
20	538	605	677	747	808	854	860	829	786	739	777	843	911	910	906				
25	276	273	265	253	239	252	314	343	354	322	296	303	333	354	337				
30	119	130	139	144	145	140	133	125	141	151	147	139	143	155	152				
35	70.4	70.9	70.6	69.6	69.4	77.1	80.8	80.8	77.5	77.5	83.0	83.0	80.2	85.1	86.9				
40	43.0	44.9	46.6	48.0	48.4	47.4	46.0	48.4	51.0	50.4	49.7	53.3	52.9	53.6	56.5				
45	27.6	28.0	28.4	28.7	29.6	30.9	31.7	30.9	30.4	32.9	33.1	33.5	35.9	35.0	38.1				
50	14.7	15.8	17.0	18.3	18.7	18.3	17.6	18.8	19.6	18.7	20.4	20.9	22.3	22.7	24.6				
55	9.23	9.27	9.39	8.89	8.35	9.15	9.97	9.55	8.59	9.85	9.48	11.0	11.1	13.0	13.5				
60	5.45	5.70	6.02	6.03	5.54	4.60	3.87	4.70	4.49	3.35	4.37	3.77	5.06	5.75	6.12				
65	4.25	4.19	4.11	3.99	3.84	3.73	3.50	3.33	3.04	2.89	2.73	2.95	3.28	3.92	4.59				
70	3.56	3.56	3.54	3.51	3.43	3.33	3.17	3.06	2.90	2.66	2.45	2.37	2.57	3.08	3.67				
75	3.07	3.06	3.06	3.04	3.01	2.99	2.94	2.86	2.76	2.60	2.43	2.19	2.11	2.37	3.00				
80	2.59	2.59	2.60	2.62	2.62	2.63	2.61	2.59	2.54	2.47	2.39	2.22	2.01	1.88	2.30				
85	0.09	0.16	0.26	0.39	0.54	0.74	0.99	1.31	1.71	2.25	2.26	2.21	2.12	1.90	1.65				
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:2026-09-07

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:7.000m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com