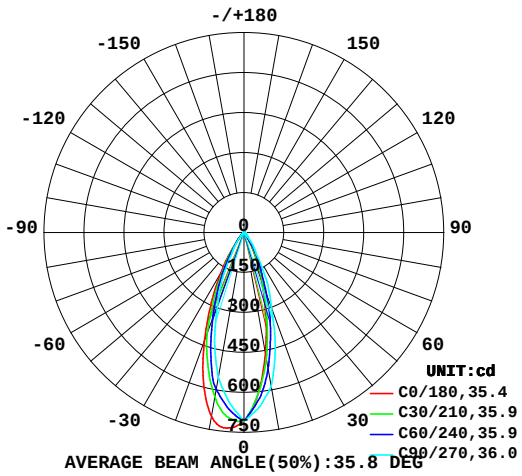
LUMINAIRE PHOTOMETRIC TEST REPORT

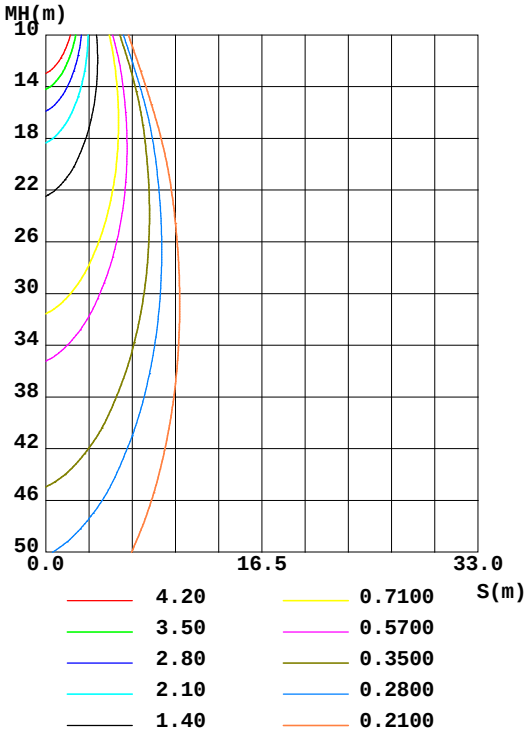
Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.04 lm/W			
MODEL		Imax(cd)	736.6	S/MH(C0/180)	0.71
NOMINAL POWER(W)	4	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	85-265V	TOTAL FLUX(lm)	320.81	h UP,DN(C0-180)	0.0,50.1
NOMINAL FLUX(lm)	320.809	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,49.9
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	h down(%)	100.0	CIBSE SHR MAX	0.60

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:2026-09-04

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:7.100m [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	463.6	494.6	587.7	643.3	701.4	614.3	553.4	481.1	0- 10	59.52	59.52	18.6,18.6
20	197.0	237.1	304.5	387.6	435.1	364.7	288.0	231.1	10- 20	119.7	179.2	55.9,55.9
30	48.33	61.21	95.67	156.1	174.7	146.2	91.60	64.66	20- 30	87.70	266.9	83.2,83.2
40	11.01	11.77	17.93	28.88	37.96	34.06	22.01	14.51	30- 40	33.83	300.7	93.7,93.7
50	5.023	4.205	5.503	5.206	7.037	5.075	5.143	4.464	40- 50	9.434	310.2	96.7,96.7
60	3.698	3.218	4.140	4.162	4.939	3.986	4.097	3.486	50- 60	4.074	314.2	98,98
70	2.561	2.333	2.823	3.079	3.424	2.995	2.952	2.551	60- 70	3.278	317.5	99,99
80	1.649	1.505	1.687	2.008	2.254	2.078	1.863	1.749	70- 80	2.391	319.9	99.7,99.7
90	1.171	0	0	0	1.338	0	0	0	80- 90	0.8968	320.8	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): 306.81 lm

%lum = 95.6%
%lamp = 95.6%

Conical surface Flux(120deg): 314.24 lm

%lum = 98.0%
%lamp = 98.0%

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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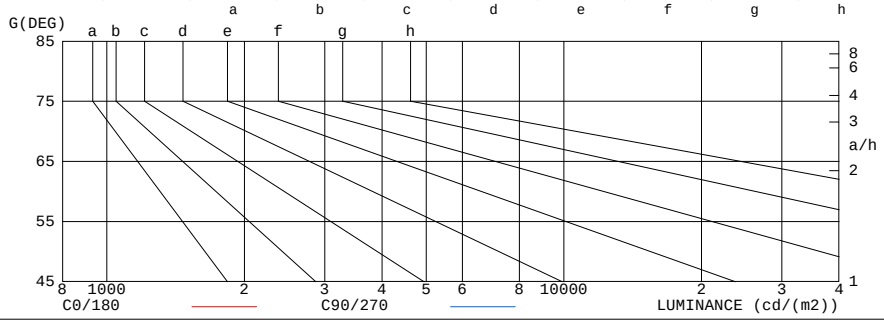
LUMINANCE LIMITATION CURVES

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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	95	97
75	80	87
70	75	83
65	73	83
60	74	83
55	76	84
50	78	86
45	79	168

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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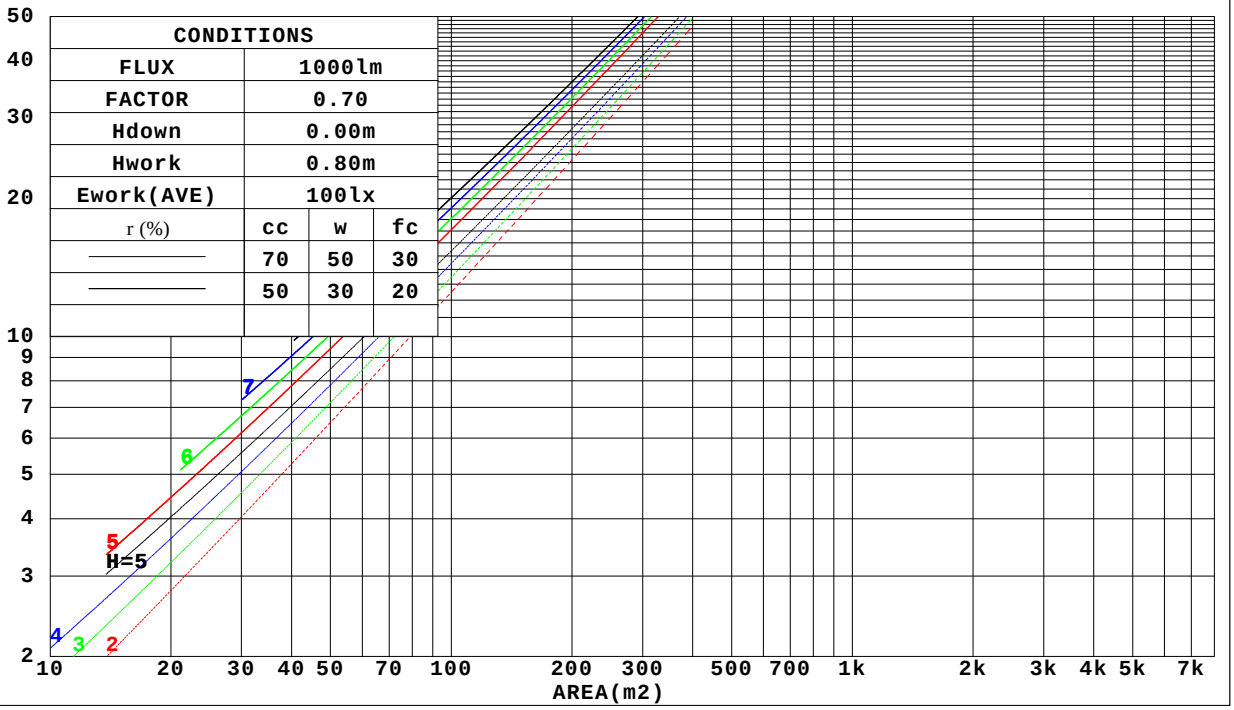
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.97	1.03	.99	.96	.99	.97	.94	.96	.94	.92	.94	.92	.90	.89
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.92	.89	.87	.90	.87	.85	.84
4.0	.93	.88	.84	.92	.87	.84	.90	.86	.83	.88	.84	.82	.86	.83	.81	.79
5.0	.88	.83	.79	.87	.82	.79	.85	.81	.78	.84	.80	.77	.82	.79	.77	.75
6.0	.84	.78	.75	.83	.78	.74	.81	.77	.74	.80	.76	.73	.79	.75	.73	.72
7.0	.80	.74	.71	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.69	.68
8.0	.76	.71	.67	.76	.71	.67	.74	.70	.67	.74	.69	.66	.73	.69	.66	.65
9.0	.73	.68	.64	.72	.67	.64	.71	.67	.64	.71	.66	.64	.70	.66	.63	.62
10.0	.70	.65	.61	.69	.64	.61	.69	.64	.61	.68	.64	.61	.67	.63	.61	.60

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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WEC AND CCEC

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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 Coeffcients(WEC)									
0.0																
1.0	.169	.096	.030	.162	.093	.029	.150	.086	.027	.138	.080	.026	.128	.074	.024	
2.0	.159	.087	.027	.153	.084	.026	.143	.079	.025	.133	.075	.023	.124	.070	.022	
3.0	.149	.079	.024	.144	.077	.023	.135	.073	.022	.127	.070	.021	.120	.066	.020	
4.0	.140	.073	.021	.136	.071	.021	.129	.068	.020	.122	.065	.020	.115	.063	.019	
5.0	.133	.068	.020	.129	.066	.019	.123	.064	.019	.117	.062	.018	.111	.059	.018	
6.0	.126	.063	.018	.123	.062	.018	.117	.060	.017	.112	.058	.017	.107	.056	.017	
7.0	.120	.059	.017	.117	.058	.017	.112	.057	.016	.108	.055	.016	.103	.054	.016	
8.0	.115	.056	.016	.112	.055	.016	.108	.054	.015	.104	.052	.015	.100	.051	.015	
9.0	.110	.053	.015	.107	.052	.015	.103	.051	.014	.100	.050	.014	.096	.049	.014	
10.0	.105	.050	.014	.103	.050	.014	.100	.049	.014	.096	.048	.014	.093	.047	.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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.091	.121	.098	.079	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.075	.112	.085	.065	.077	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.121	.087	.062	.104	.075	.054	.071	.052	.038	.041	.031	.022	.013	.010	.007	
6.0	.113	.077	.052	.097	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.106	.069	.044	.091	.060	.038	.063	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.059	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.094	.058	.033	.081	.050	.029	.056	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.090	.053	.029	.077	.046	.025	.054	.032	.018	.031	.019	.011	.010	.006	.004	

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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UGR(Unified Glare Rating) Table

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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	0.4	1.3	0.6	1.4	1.6	2.8	3.7	3.1	3.8	4.0
3H	1.5	2.3	1.7	2.5	2.7	3.5	4.3	3.8	4.5	4.7
4H	2.1	2.9	2.4	3.1	3.3	4.0	4.7	4.3	5.0	5.2
6H	2.8	3.5	3.1	3.7	4.0	4.5	5.2	4.8	5.4	5.7
8H	3.2	3.9	3.5	4.1	4.4	4.6	5.3	4.9	5.5	5.8
12H	3.6	4.3	3.9	4.5	4.8	4.6	5.2	4.9	5.5	5.8
4H 2H	0.7	1.5	1.0	1.7	1.9	2.9	3.6	3.2	3.8	4.1
3H	2.0	2.7	2.3	2.9	3.2	3.8	4.5	4.1	4.7	5.0
4H	2.8	3.4	3.2	3.7	4.0	4.4	5.0	4.8	5.3	5.6
6H	3.7	4.2	4.1	4.5	4.9	5.1	5.7	5.5	6.0	6.3
8H	4.2	4.6	4.5	5.0	5.4	5.3	5.8	5.7	6.2	6.5
12H	4.7	5.1	5.1	5.5	5.9	5.3	5.8	5.7	6.1	6.5
8H 4H	3.2	3.6	3.6	4.0	4.4	4.6	5.1	5.0	5.4	5.8
6H	4.2	4.6	4.7	5.0	5.5	5.5	5.9	5.9	6.3	6.7
8H	4.9	5.2	5.3	5.6	6.1	5.8	6.1	6.2	6.5	7.0
12H	5.6	5.9	6.1	6.3	6.8	5.8	6.1	6.2	6.5	7.0
12H 4H	3.2	3.7	3.6	4.0	4.4	4.6	5.1	5.0	5.4	5.8
6H	4.4	4.7	4.8	5.2	5.6	5.6	5.9	6.0	6.4	6.8
8H	5.1	5.4	5.5	5.8	6.3	5.9	6.2	6.3	6.6	7.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.4					+ 1.9 / - 1.0				
1.5H	+ 1.1 / - 0.4					+ 3.6 / - 1.0				
2.0H	+ 0.3 / - 0.4					+ 1.4 / - 0.4				

CIE Pub.117, 320.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.0)
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:7.100m [K=1.0000]
Test Date:2026-09-04	Remarks:

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UTILIZATION FACTORS TABLE

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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	88	81	78	87	81	78	86	81	78	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	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:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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ISOCANDELA DIAGRAM

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
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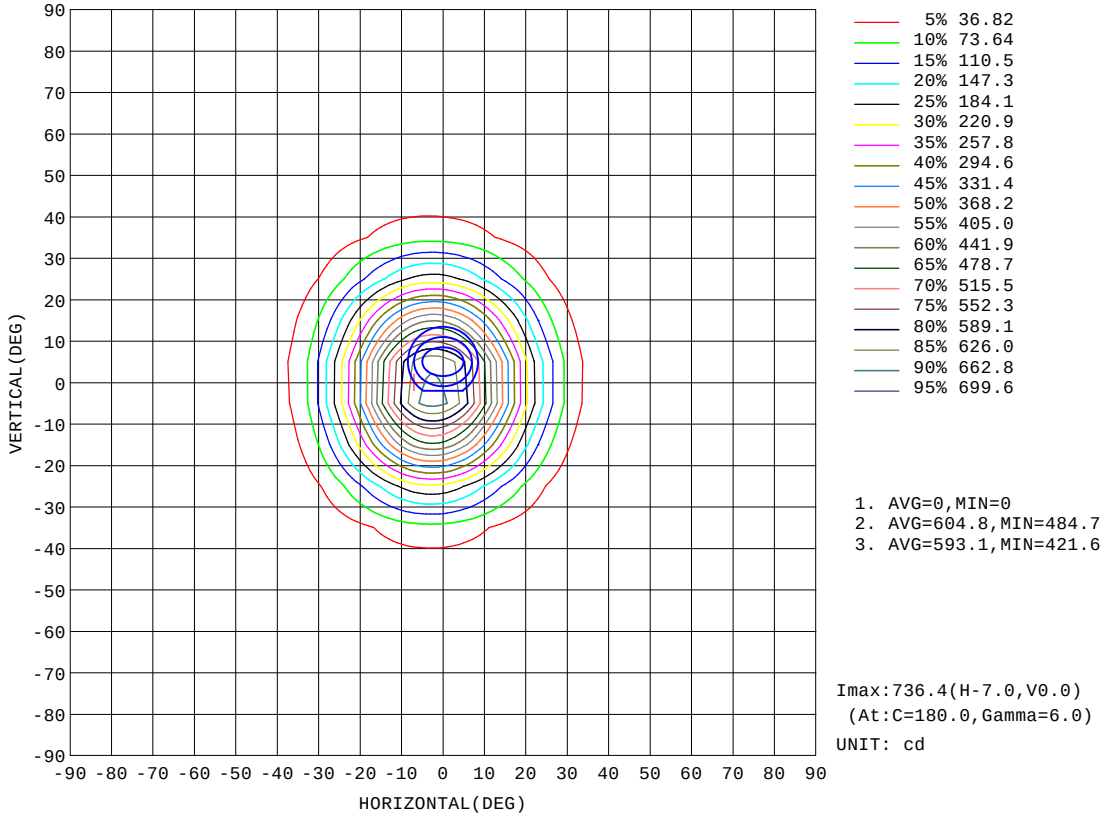
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°



H(b) Range:-90 - 90DEG
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Test Speed: HIGH
Temperature:25.3DEG
Operators:
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

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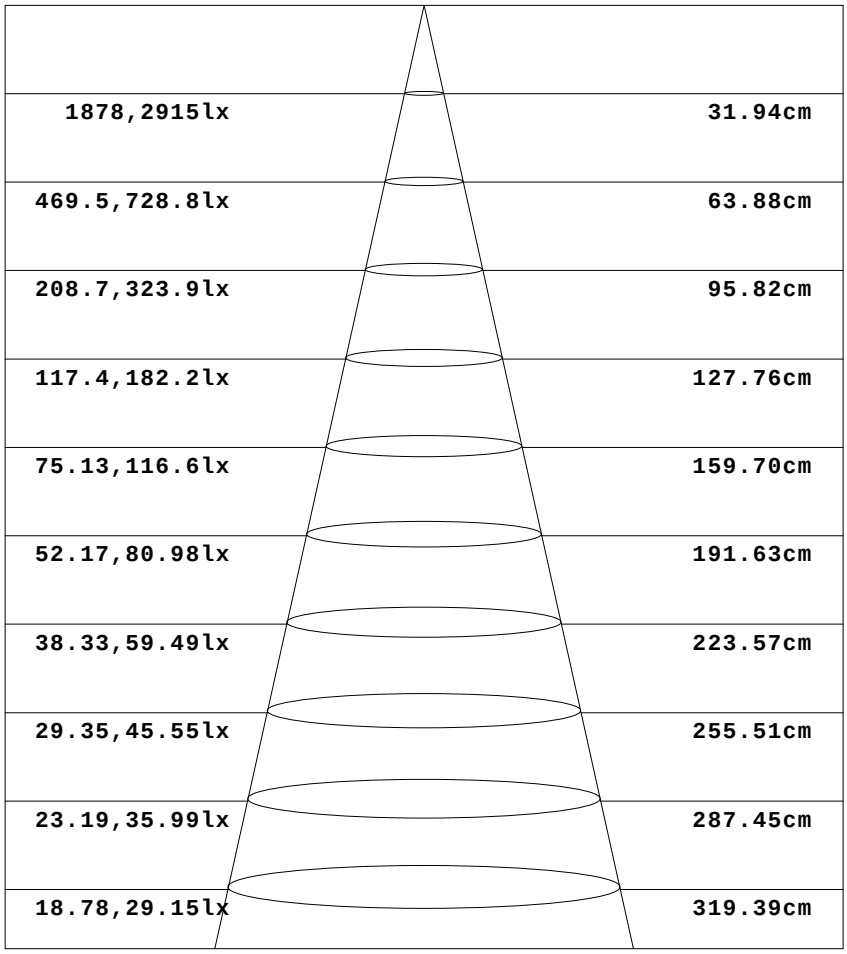
AAI Figure

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

Flux out:155.7 lm



Height	Eavg,Emax	Angle:35.43deg	Diameter
0.5m	1878,2915lx		31.94cm
1m	469.5,728.8lx		63.88cm
1.5m	208.7,323.9lx		95.82cm
2m	117.4,182.2lx		127.76cm
2.5m	75.13,116.6lx		159.70cm
3m	52.17,80.98lx		191.63cm
3.5m	38.33,59.49lx		223.57cm
4m	29.35,45.55lx		255.51cm
4.5m	23.19,35.99lx		287.45cm
5m	18.78,29.15lx		319.39cm

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:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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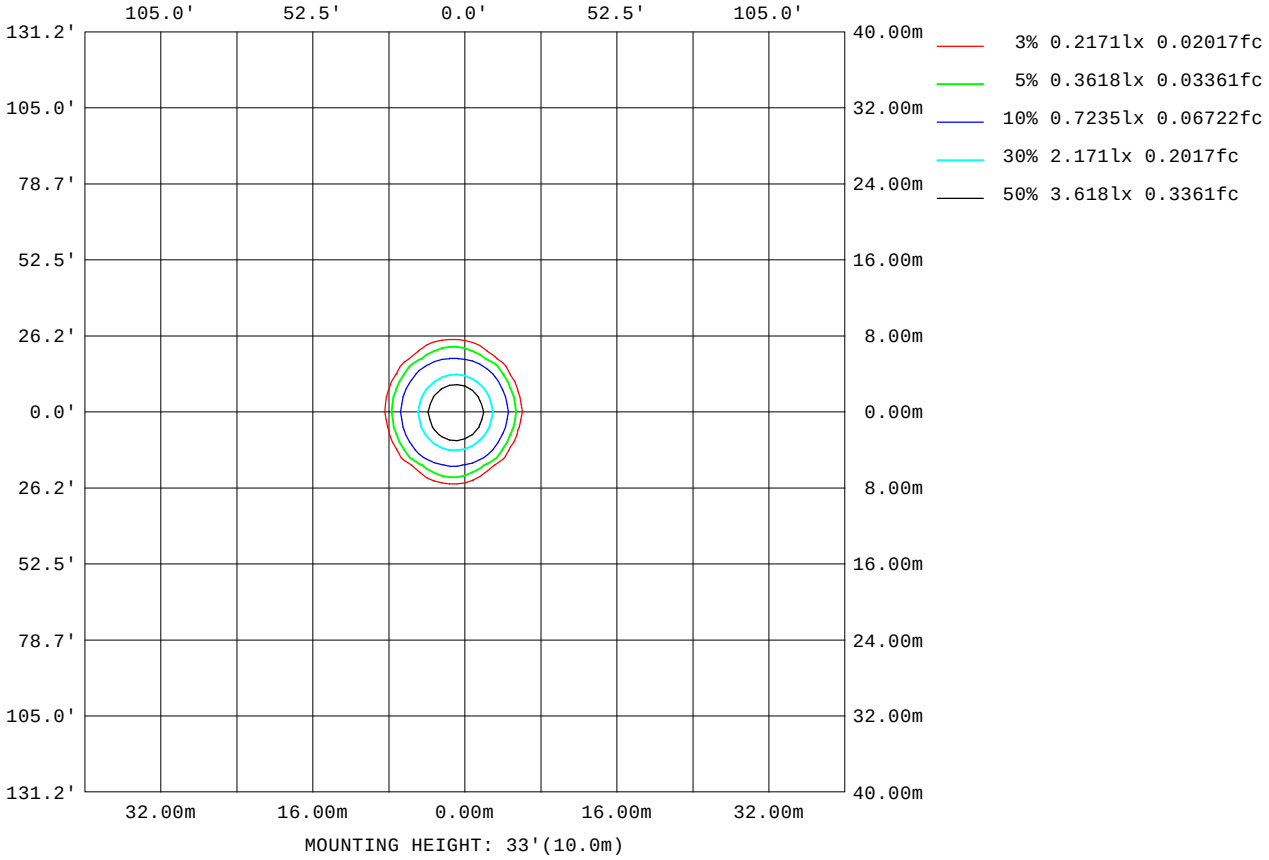
ISOLUX DIAGRAM

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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LED Avg.L Report

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

AvgL	cd/m2
L_0~180(65)av	85
L_0~180(75)av	94
L_0~180(85)av	174
L_90~270(65)av	83
L_90~270(75)av	90
L_90~270(85)av	0
L_45(65)av	76
L_45(75)av	88
L_45(85)av	74

Standard: GB/T 29293-2012

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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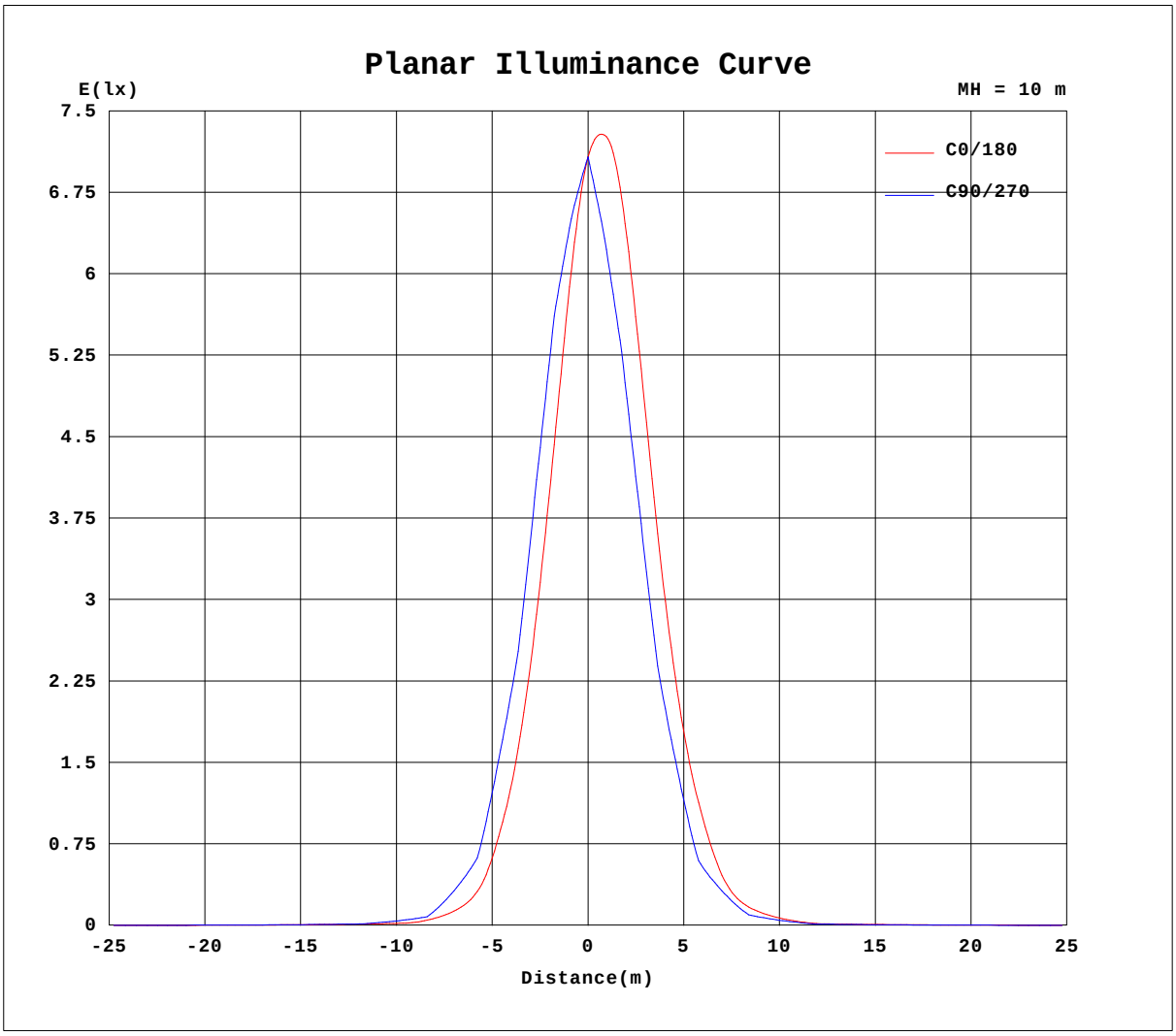
Planar Illuminance Curve



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708
5	609	607	606	605	606	607	609	612	615	619	622	627	631	636	640	645	650	654	659
10	464	462	462	465	470	476	484	486	489	495	501	510	520	532	544	554	564	576	588
15	318	319	322	328	335	333	335	339	345	354	364	374	386	398	412	423	433	444	455
20	197	199	204	209	206	205	208	216	226	237	244	248	252	257	264	272	281	292	305
25	110	112	117	114	111	114	120	128	128	130	131	138	147	156	165	175	185	195	205
30	48.3	50.4	52.4	48.7	48.7	53.9	56.7	53.6	51.7	61.2	70.5	77.0	77.8	78.0	79.0	81.0	84.3	89.1	95.7
35	24.0	25.0	24.5	22.9	24.4	24.9	23.1	23.7	26.6	29.0	29.2	25.8	27.9	32.3	37.8	43.7	49.1	54.0	58.3
40	11.0	12.2	11.2	11.3	11.8	10.7	11.7	12.3	11.8	11.8	13.2	14.3	15.0	16.0	16.9	17.4	17.4	17.3	17.9
45	5.57	5.62	5.42	5.44	5.32	5.12	5.86	4.86	5.34	6.93	6.94	5.77	5.33	6.69	8.24	9.50	10.5	11.3	11.9
50	5.02	4.99	4.82	4.68	4.50	4.38	4.23	4.25	4.20	4.21	4.35	4.47	4.64	5.12	5.55	5.61	5.58	5.46	5.50
55	4.37	4.33	4.20	3.95	3.88	3.71	3.70	3.61	3.67	3.77	3.83	3.91	4.03	4.18	4.34	4.44	4.61	4.73	4.84
60	3.70	3.65	3.53	3.38	3.17	3.16	3.07	3.16	3.16	3.22	3.34	3.44	3.54	3.63	3.73	3.83	3.94	4.04	4.14
65	3.09	3.05	2.86	2.71	2.67	2.62	2.63	2.64	2.72	2.80	2.85	2.90	3.00	3.08	3.17	3.25	3.34	3.41	3.50
70	2.56	2.53	2.36	2.23	2.17	2.14	2.20	2.24	2.27	2.33	2.40	2.44	2.50	2.55	2.60	2.66	2.71	2.75	2.82
75	2.07	1.98	1.84	1.77	1.74	1.78	1.80	1.85	1.87	1.90	1.92	1.97	2.01	2.05	2.09	2.13	2.17	2.20	2.26
80	1.65	1.53	1.40	1.39	1.40	1.41	1.44	1.46	1.48	1.51	1.52	1.54	1.55	1.57	1.57	1.58	1.62	1.62	1.69
85	1.27	1.10	1.09	1.12	1.13	1.13	1.09	0.83	0.65	0.51	0.40	0.30	0.22	0.15	0.10	0.05	0.02	0.01	0.00
90	1.17	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:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708
5	662	667	671	674	678	682	686	690	693	698	702	706	711	716	721	726	731	736	729
10	599	608	617	624	630	635	638	641	643	644	646	646	652	659	667	677	689	701	685
15	466	476	487	497	507	518	529	540	553	561	552	545	537	532	539	552	568	587	565
20	317	331	343	355	365	373	378	382	388	398	409	422	412	399	388	397	414	435	412
25	213	221	229	236	243	248	254	258	259	258	256	267	278	278	263	255	270	290	269
30	103	112	121	129	136	140	143	149	156	162	159	152	155	168	165	151	158	175	157
35	61.5	64.2	66.6	67.8	67.1	64.7	62.1	68.9	73.2	75.8	78.2	75.8	71.0	73.6	81.4	71.0	71.1	84.2	72.4
40	19.5	22.2	25.8	29.1	31.0	31.1	30.1	29.4	28.9	31.6	31.4	32.3	33.1	31.3	33.6	33.9	32.6	38.0	33.9
45	12.3	12.6	12.8	12.9	12.7	12.2	12.4	13.4	13.8	15.1	15.5	15.1	16.1	17.2	15.8	18.6	15.9	19.6	16.4
50	5.70	6.16	6.72	7.27	7.61	7.59	7.06	6.09	5.21	6.97	6.93	5.96	6.47	6.74	6.25	6.80	6.28	7.04	6.30
55	4.92	4.99	5.03	5.04	5.03	5.00	5.01	4.78	4.62	4.54	4.49	4.44	4.57	4.70	5.04	5.23	5.46	5.66	5.48
60	4.23	4.31	4.36	4.38	4.37	4.34	4.27	4.23	4.16	4.04	3.90	3.89	3.89	4.02	4.22	4.48	4.78	4.94	4.80
65	3.56	3.62	3.66	3.70	3.71	3.74	3.72	3.68	3.59	3.53	3.47	3.38	3.35	3.36	3.54	3.81	4.00	4.13	4.02
70	2.88	2.94	2.98	3.03	3.05	3.08	3.08	3.08	3.08	3.08	2.99	2.93	2.91	2.84	2.88	3.02	3.21	3.42	3.22
75	2.30	2.35	2.38	2.42	2.45	2.49	2.51	2.54	2.55	2.54	2.50	2.52	2.47	2.42	2.40	2.47	2.64	2.80	2.64
80	1.72	1.75	1.79	1.84	1.89	1.91	1.96	1.99	2.01	2.03	2.04	2.08	2.06	2.04	1.99	1.98	2.08	2.25	2.04
85	0.01	0.03	0.06	0.11	0.18	0.27	0.39	0.53	0.70	0.92	1.20	1.57	1.61	1.61	1.67	1.66	1.57	1.76	1.53
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	1.34	0.00

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

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	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708
5	722	715	709	702	696	690	684	679	674	669	664	660	655	651	647	643	640	636	633
10	671	658	646	636	628	623	619	614	609	604	598	592	585	577	570	562	553	544	534
15	546	530	520	521	523	525	528	518	505	493	482	472	462	453	444	436	428	419	410
20	393	382	389	398	404	390	376	365	357	352	346	338	328	319	308	298	288	278	269
25	252	258	270	269	257	244	243	241	237	233	229	224	219	213	206	200	193	186	178
30	150	162	163	150	146	150	151	146	140	135	132	127	121	114	106	97.9	91.6	86.9	83.7
35	72.9	83.1	75.3	72.1	75.1	76.8	75.3	73.9	70.2	63.8	65.3	66.8	66.8	65.7	63.7	61.0	58.0	54.7	50.9
40	36.9	37.0	34.4	36.3	35.3	34.6	35.7	34.1	34.1	34.5	35.3	35.2	33.4	30.2	26.8	23.9	22.0	21.5	21.6
45	20.4	16.9	18.7	17.5	16.7	18.3	17.7	16.0	15.9	16.2	16.6	17.0	16.7	16.0	15.2	14.4	13.7	13.3	12.8
50	6.88	6.25	6.53	6.43	5.96	7.11	7.34	5.07	6.40	7.97	8.92	8.74	7.91	6.87	5.97	5.36	5.14	5.28	5.71
55	5.26	5.08	4.73	4.58	4.42	4.43	4.41	4.42	4.55	4.73	4.63	4.65	4.68	4.67	4.67	4.66	4.62	4.60	4.60
60	4.50	4.23	4.08	3.90	3.87	3.84	3.91	3.99	4.01	4.04	4.09	4.14	4.16	4.15	4.16	4.13	4.10	4.05	3.99
65	3.79	3.54	3.37	3.33	3.32	3.39	3.42	3.46	3.51	3.57	3.58	3.59	3.61	3.58	3.58	3.56	3.53	3.49	3.45
70	3.00	2.85	2.81	2.86	2.85	2.91	2.98	2.99	2.99	3.00	3.01	3.01	3.04	3.01	3.00	2.98	2.95	2.92	2.88
75	2.44	2.34	2.36	2.40	2.44	2.46	2.49	2.53	2.51	2.51	2.51	2.48	2.50	2.48	2.47	2.44	2.41	2.38	2.35
80	1.92	1.92	1.99	2.02	2.03	2.07	2.04	2.08	2.07	2.08	2.06	1.99	1.99	1.96	1.92	1.90	1.86	1.85	1.84
85	1.60	1.64	1.64	1.69	1.68	1.28	0.99	0.76	0.57	0.42	0.30	0.20	0.12	0.07	0.03	0.01	0.00	0.01	0.03
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:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.18V I:0.0541A P:4.3920W PF:0.5408 Freq:50.00Hz Lamp Flux:320.809x1 lm		
NAME: 6784	TYPE:4W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*86mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

Table--4 UNIT: cd

C(DEG) / g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708				
5	629	625	622	618	614	611	608	605	603	602	601	601	602	603	606				
10	524	515	507	499	491	486	481	478	476	475	469	464	461	460	461				
15	401	391	381	371	361	352	343	336	332	329	329	331	326	320	318				
20	261	254	249	244	240	237	231	222	213	205	202	203	207	203	198				
25	170	161	152	143	134	129	129	128	128	119	112	110	113	117	112				
30	81.4	80.2	79.4	78.9	78.3	73.3	64.7	55.6	56.5	58.8	55.6	50.1	50.0	53.3	50.9				
35	46.3	41.4	36.5	32.4	30.1	33.1	32.8	30.0	26.7	25.8	27.2	26.5	24.6	25.7	25.6				
40	21.6	21.0	19.9	18.5	17.1	15.8	14.5	14.4	14.7	13.9	13.1	13.8	12.7	12.1	12.7				
45	12.1	11.0	9.15	6.65	6.22	7.82	8.32	6.54	5.06	6.71	5.75	5.54	5.64	5.45	5.63				
50	5.96	6.25	5.98	5.13	4.60	4.53	4.46	4.45	4.45	4.44	4.56	4.67	4.80	4.90	5.02				
55	4.44	4.39	4.33	4.18	4.07	4.06	4.02	3.92	3.87	3.93	3.89	4.04	4.10	4.29	4.37				
60	3.93	3.86	3.81	3.72	3.64	3.57	3.49	3.41	3.39	3.29	3.37	3.36	3.51	3.61	3.69				
65	3.40	3.34	3.28	3.20	3.13	3.07	3.01	2.94	2.82	2.82	2.79	2.83	2.86	2.95	3.08				
70	2.83	2.80	2.75	2.72	2.67	2.62	2.55	2.49	2.43	2.38	2.28	2.31	2.37	2.45	2.56				
75	2.34	2.29	2.26	2.24	2.20	2.15	2.12	2.09	2.06	1.99	1.92	1.84	1.86	1.92	2.03				
80	1.83	1.77	1.77	1.80	1.78	1.77	1.75	1.71	1.66	1.62	1.60	1.56	1.50	1.49	1.57				
85	0.06	0.11	0.17	0.26	0.36	0.48	0.62	0.79	1.00	1.25	1.28	1.28	1.21	1.17	1.12				
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:2026-09-04

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:7.100m [K=1.0000]
Remarks:

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