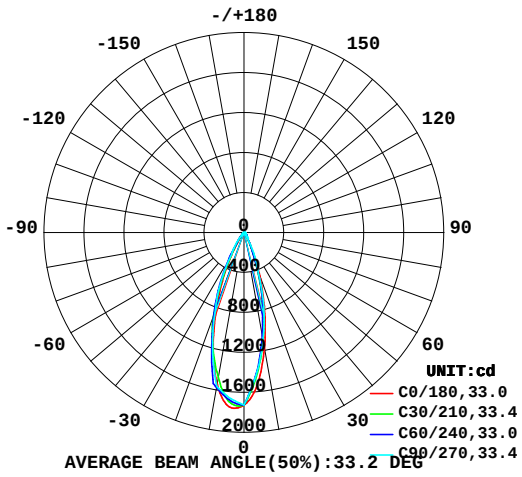
LUMINAIRE PHOTOMETRIC TEST REPORT

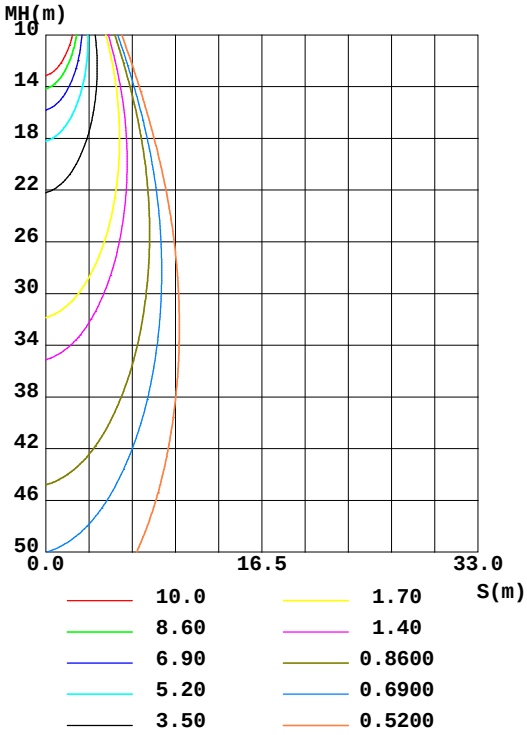
Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.14 lm/W			
MODEL		Imax(cd)	1761	S/MH(C0/180)	0.62
NOMINAL POWER(W)	7	LOR(%)	100.0	S/MH(C90/270)	0.65
RATED VOLTAGE(V)	85-265V	TOTAL FLUX(lm)	654.44	h UP,DN(C0-180)	0.0,41.1
NOMINAL FLUX(lm)	654.44	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,58.9
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	h down(%)	100.0	CIBSE SHR MAX	0.55

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:2026-09-15

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:7.300m [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	1183	1064	1102	1244	1543	1531	1566	1341	0- 10	141.5	141.5	21.6,21.6
20	468.0	425.0	415.0	564.3	807.7	868.7	851.1	686.6	10- 20	265.1	406.6	62.1,62.1
30	81.97	73.65	76.30	134.8	213.3	292.5	247.6	166.0	20- 30	164.2	570.7	87.2,87.2
40	23.90	21.07	25.50	30.49	41.94	48.51	41.84	29.69	30- 40	49.19	619.9	94.7,94.7
50	12.60	10.36	11.68	12.78	18.97	18.40	17.95	13.09	40- 50	17.18	637.1	97.3,97.3
60	5.177	5.118	5.455	5.727	8.932	8.921	8.449	5.915	50- 60	9.174	646.3	98.8,98.8
70	2.639	2.680	3.280	3.431	3.352	3.719	3.434	2.539	60- 70	4.429	650.7	99.4,99.4
80	2.061	1.902	2.211	2.433	2.361	2.267	2.393	2.102	70- 80	2.618	653.3	99.8,99.8
90	1.856	0	0	0	1.952	0	0	0	80- 90	1.126	654.4	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): 629.87 lm

%lum = 96.2%
%lamp = 96.2%

Conical surface Flux(120deg): 646.27 lm

%lum = 98.8%
%lamp = 98.8%

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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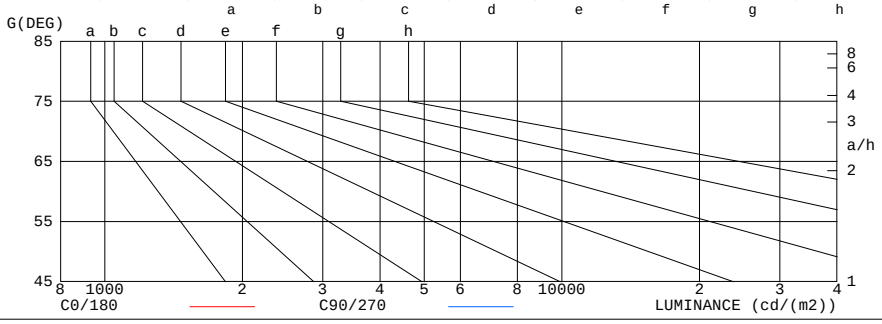
LUMINANCE LIMITATION CURVES

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

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	224	0
80	119	127
75	89	107
70	77	96
65	73	104
60	104	109
55	149	150
50	196	182
45	246	264

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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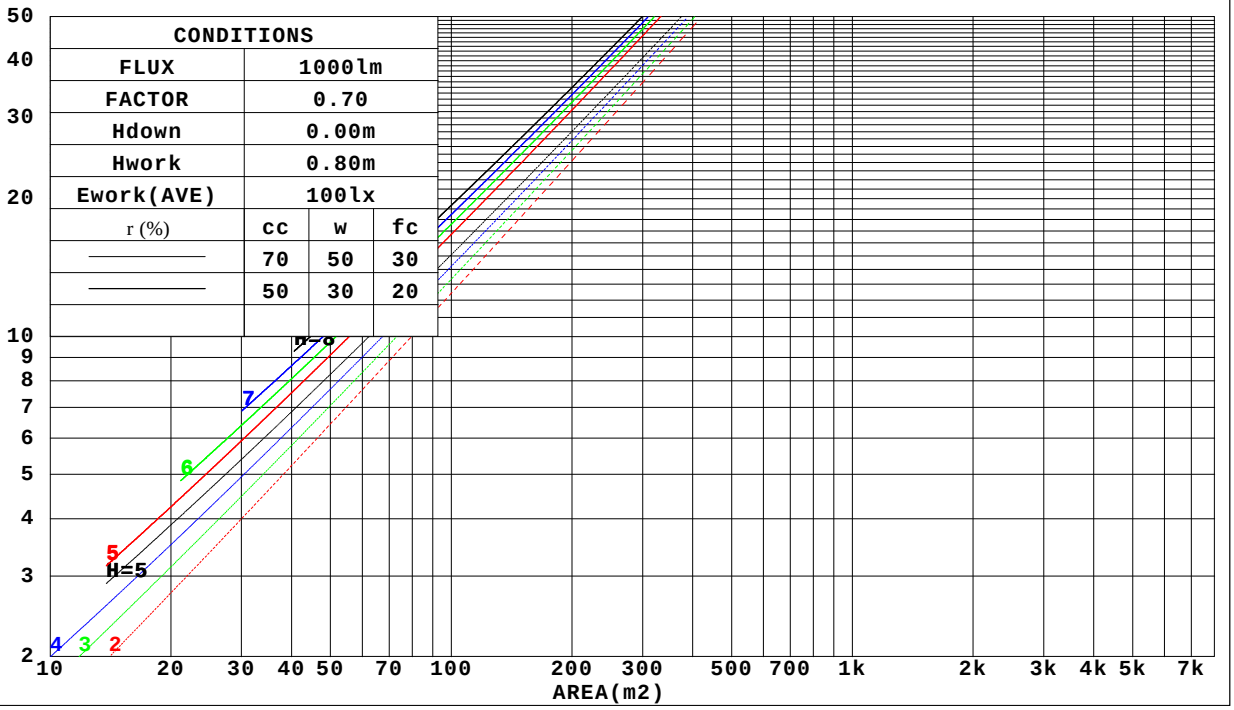
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

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	1.09	1.07	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.99	.98	.97	.97	.95
2.0	1.05	1.02	.99	1.04	1.00	.98	1.00	.98	.95	.97	.95	.93	.95	.93	.92	.90
3.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.93	.91	.88	.91	.89	.87	.85
4.0	.94	.90	.86	.93	.89	.86	.91	.88	.85	.89	.86	.84	.88	.85	.83	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.80	.77	.84	.79	.76	.82	.79	.76	.81	.78	.75	.74
7.0	.82	.77	.73	.81	.77	.73	.80	.76	.73	.79	.75	.73	.78	.75	.72	.71
8.0	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.68
9.0	.75	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.67	.73	.69	.66	.65
10.0	.73	.68	.65	.72	.68	.64	.71	.67	.64	.71	.67	.64	.70	.67	.64	.63

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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WEC AND CCEC

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

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	.160	.091	.029	.153	.087	.028	.141	.081	.026	.129	.075	.024	.119	.069	.022	
2.0	.150	.082	.025	.145	.080	.025	.134	.075	.023	.125	.070	.022	.116	.065	.021	
3.0	.141	.075	.022	.136	.073	.022	.128	.069	.021	.119	.065	.020	.112	.062	.019	
4.0	.133	.069	.020	.129	.067	.020	.121	.064	.019	.114	.061	.019	.108	.059	.018	
5.0	.126	.064	.019	.122	.063	.018	.116	.060	.018	.110	.058	.017	.104	.056	.017	
6.0	.119	.060	.017	.116	.059	.017	.111	.057	.017	.105	.055	.016	.101	.053	.016	
7.0	.114	.056	.016	.111	.055	.016	.106	.054	.015	.101	.052	.015	.097	.050	.015	
8.0	.108	.053	.015	.106	.052	.015	.102	.051	.015	.098	.049	.014	.094	.048	.014	
9.0	.104	.050	.014	.102	.050	.014	.098	.048	.014	.094	.047	.014	.091	.046	.013	
10.0	.099	.048	.013	.098	.047	.013	.094	.046	.013	.091	.045	.013	.088	.044	.013	

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	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.086	.063	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.095	.066	.046	.065	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.097	.062	.039	.084	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.092	.057	.033	.079	.049	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.087	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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UGR(Unified Glare Rating) Table

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

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	-0.5	0.3	-0.3	0.5	0.6	0.0	0.8	0.2	1.0	1.1
3H	-0.3	0.5	-0.0	0.6	0.8	0.5	1.3	0.8	1.5	1.7
4H	-0.1	0.6	0.2	0.9	1.1	0.9	1.6	1.2	1.8	2.0
6H	0.3	1.0	0.6	1.2	1.4	1.4	2.0	1.7	2.3	2.5
8H	0.6	1.2	0.9	1.5	1.7	1.5	2.1	1.8	2.4	2.7
12H	1.0	1.6	1.3	1.9	2.2	1.5	2.1	1.8	2.4	2.6
4H 2H	-0.4	0.3	-0.1	0.5	0.7	0.1	0.8	0.3	1.0	1.2
3H	-0.0	0.6	0.3	0.8	1.1	0.8	1.4	1.1	1.6	1.9
4H	0.3	0.8	0.6	1.1	1.4	1.3	1.8	1.6	2.1	2.4
6H	0.8	1.3	1.2	1.6	2.0	2.0	2.5	2.3	2.8	3.1
8H	1.2	1.6	1.6	2.0	2.4	2.2	2.6	2.5	3.0	3.3
12H	1.8	2.2	2.2	2.6	3.0	2.1	2.6	2.6	2.9	3.3
8H 4H	0.5	0.9	0.9	1.3	1.6	1.4	1.8	1.8	2.2	2.6
6H	1.2	1.6	1.6	2.0	2.4	2.3	2.7	2.7	3.0	3.5
8H	1.8	2.1	2.2	2.5	3.0	2.5	2.9	3.0	3.3	3.7
12H	2.7	2.9	3.1	3.4	3.9	2.5	2.8	3.0	3.3	3.7
12H 4H	0.5	0.9	0.9	1.3	1.7	1.4	1.8	1.8	2.2	2.6
6H	1.3	1.7	1.8	2.1	2.5	2.4	2.7	2.8	3.1	3.5
8H	2.0	2.3	2.5	2.8	3.2	2.7	3.0	3.1	3.4	3.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.8					+ 1.0 / - 0.8				
1.5H	+ 1.2 / - 0.7					+ 1.9 / - 0.7				
2.0H	+ 1.6 / - 1.1					+ 1.5 / - 1.0				

CIE Pub.117, 654.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.5)
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:7.300m [K=1.0000]
Test Date:2026-09-15	Remarks:

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UTILIZATION FACTORS TABLE

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

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	82	78	88	82	78	87	82	78	75
0.80	96	90	86	95	89	86	94	89	86	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	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:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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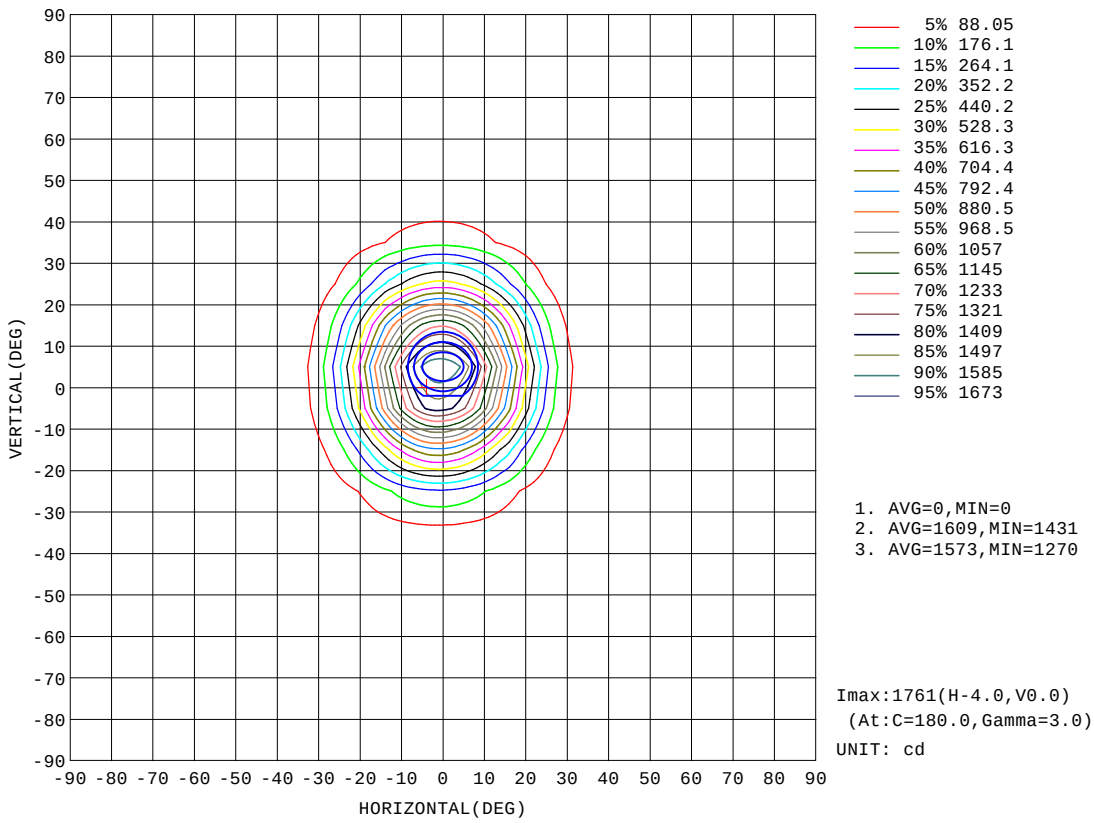
ISOCANDELA DIAGRAM

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°



H(b) Range:-90 - 90DEG
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Test Speed: HIGH
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V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.300m [K=1.0000]
Remarks:

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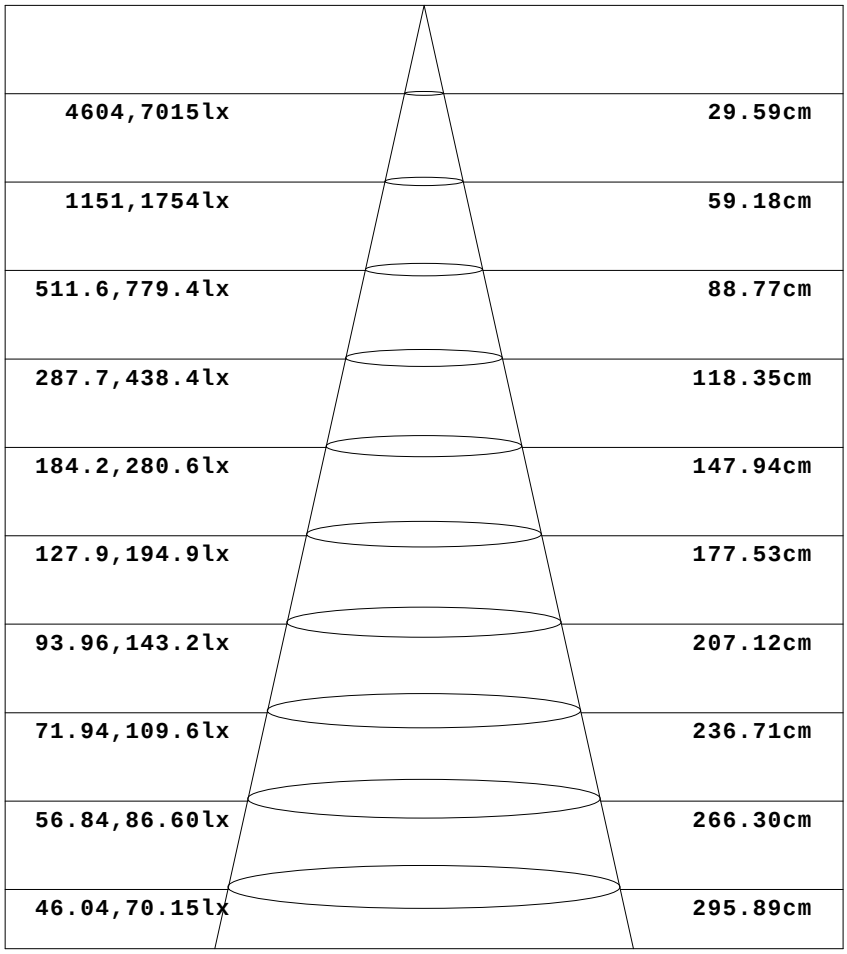
AAI Figure

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

Flux out:317.3 lm



Height	Eavg,Emax	Angle:32.97deg	Diameter
0.5m	4604,7015lx		29.59cm
1m	1151,1754lx		59.18cm
1.5m	511.6,779.4lx		88.77cm
2m	287.7,438.4lx		118.35cm
2.5m	184.2,280.6lx		147.94cm
3m	127.9,194.9lx		177.53cm
3.5m	93.96,143.2lx		207.12cm
4m	71.94,109.6lx		236.71cm
4.5m	56.84,86.60lx		266.30cm
5m	46.04,70.15lx		295.89cm

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:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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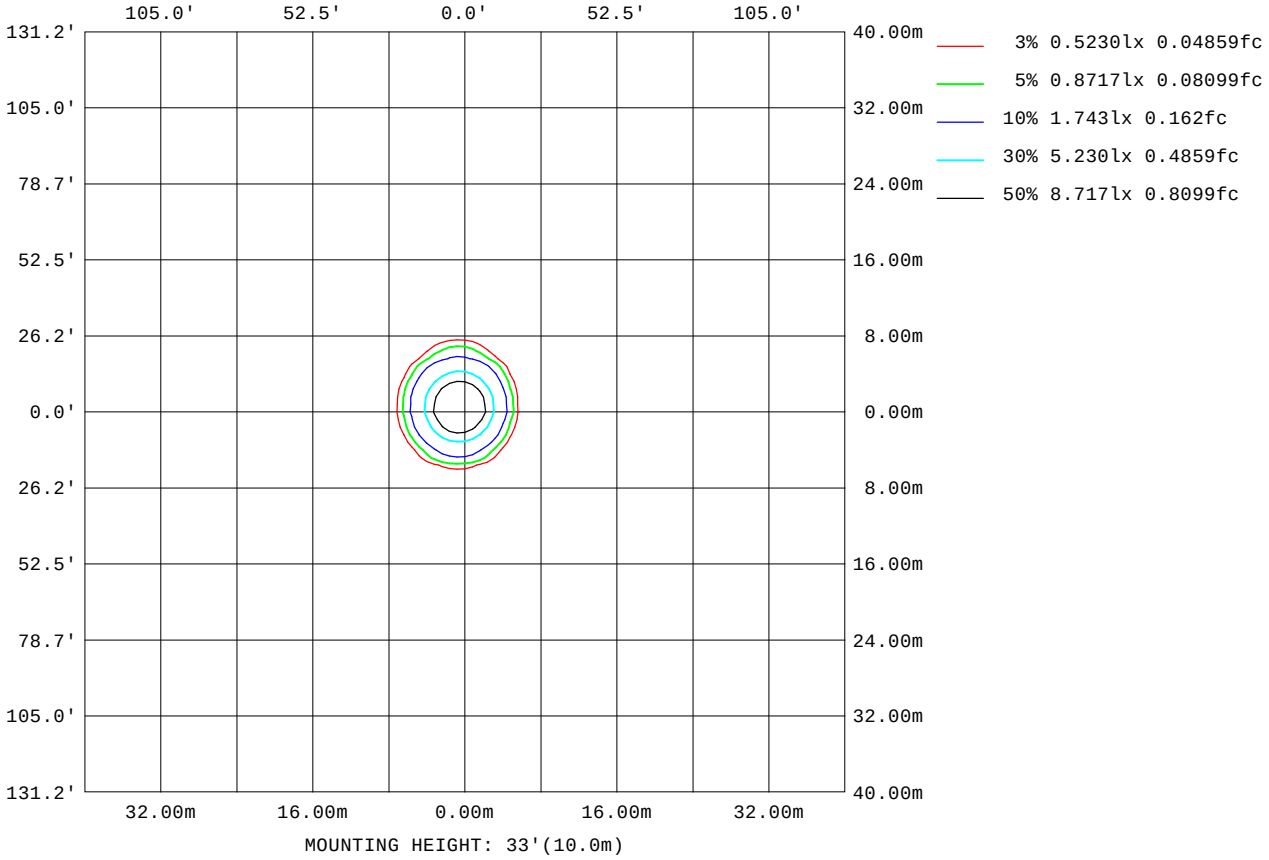
ISOLUX DIAGRAM

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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LED Avg.L Report

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

AvgL	cd/m2
L_0~180(65)av	100
L_0~180(75)av	101
L_0~180(85)av	234
L_90~270(65)av	123
L_90~270(75)av	110
L_90~270(85)av	0
L_45(65)av	104
L_45(75)av	97
L_45(85)av	95

Standard: GB/T 29293-2012

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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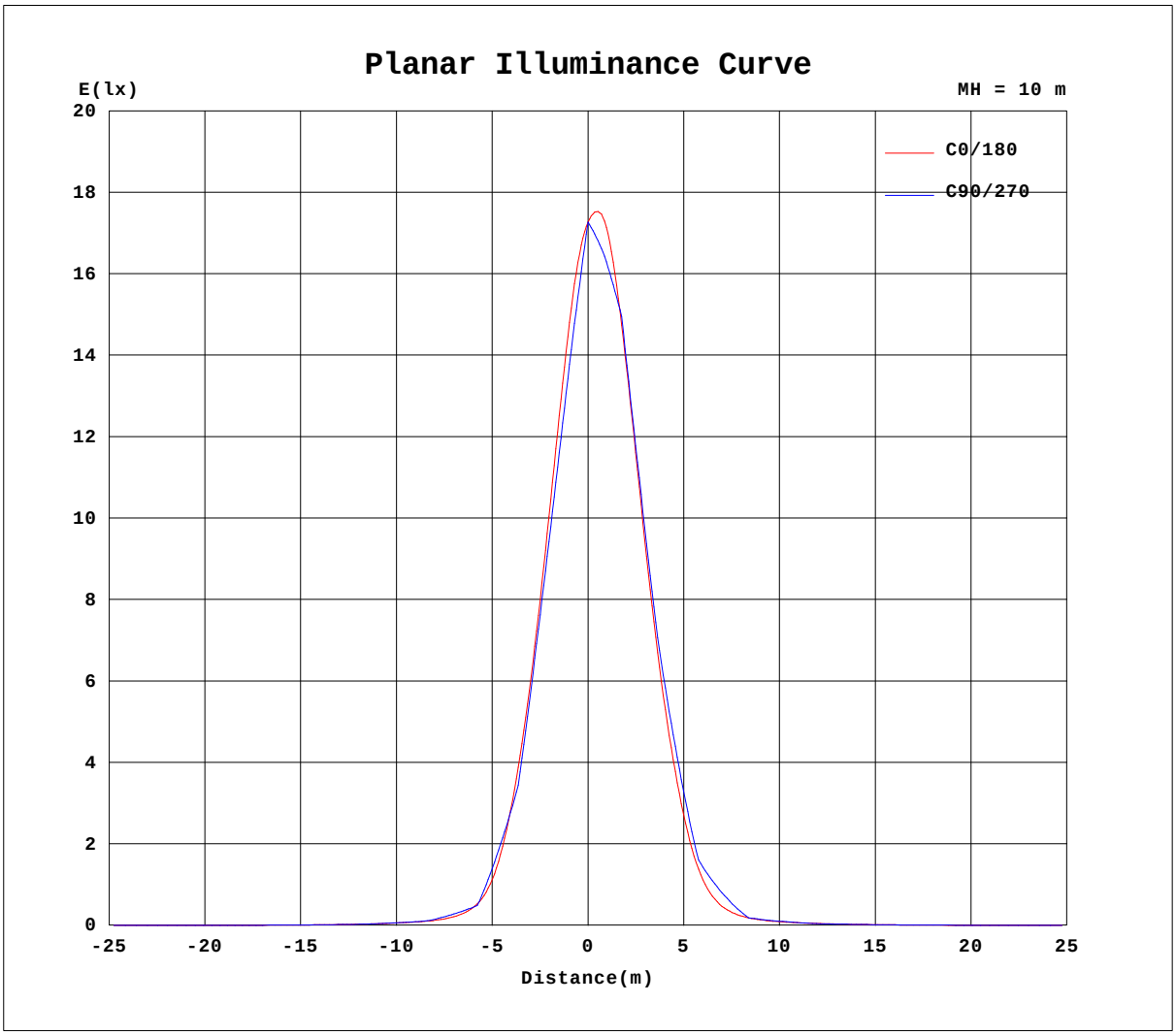
Planar Illuminance Curve



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

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	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727
5	1533	1513	1495	1479	1466	1454	1445	1437	1431	1425	1422	1419	1417	1417	1417	1418	1421	1425	1430
10	1183	1158	1139	1124	1114	1108	1104	1087	1073	1064	1057	1053	1052	1054	1058	1066	1075	1087	1102
15	802	786	776	773	768	744	723	702	688	691	698	706	715	723	731	740	749	758	769
20	468	456	453	449	423	401	389	399	416	425	416	409	403	398	395	395	398	405	415
25	211	210	215	199	179	177	190	203	194	180	162	169	186	202	216	227	236	243	249
30	82.0	83.4	84.4	75.0	71.2	77.6	81.0	75.0	65.6	73.7	82.8	91.3	93.9	93.3	89.7	84.1	78.7	75.5	76.3
35	38.9	39.8	38.5	35.1	37.1	37.5	34.4	35.0	38.2	39.7	38.5	33.9	35.7	38.8	41.9	44.8	47.5	49.7	51.5
40	23.9	24.3	22.9	22.5	22.8	21.4	21.8	22.8	22.1	21.1	22.3	23.9	25.1	25.8	26.0	25.7	25.3	25.1	25.5
45	17.4	17.6	16.2	16.4	15.4	15.4	15.2	14.5	15.2	15.7	15.8	15.7	16.1	16.8	17.3	17.6	17.9	18.3	18.7
50	12.6	12.6	11.7	11.4	10.9	10.7	10.1	10.6	10.6	10.4	11.0	11.6	11.9	11.9	11.9	11.7	11.6	11.5	11.7
55	8.56	8.51	8.24	7.48	7.52	7.00	7.28	7.00	7.35	7.78	7.87	7.87	7.96	8.04	8.14	8.21	8.28	8.42	8.60
60	5.18	5.00	4.88	4.71	4.18	4.54	4.43	4.94	5.00	5.12	5.41	5.50	5.46	5.25	5.20	5.17	5.15	5.27	5.45
65	3.07	2.95	2.68	2.55	2.65	2.69	2.99	3.11	3.50	3.64	3.51	3.37	3.49	3.60	3.78	3.96	4.10	4.26	4.39
70	2.64	2.45	2.14	1.95	1.90	1.99	2.18	2.40	2.49	2.68	2.70	2.79	2.85	2.95	3.01	3.08	3.14	3.23	3.28
75	2.31	2.06	1.80	1.71	1.76	1.86	1.95	2.06	2.12	2.20	2.19	2.26	2.33	2.45	2.50	2.57	2.63	2.70	2.76
80	2.06	1.68	1.47	1.55	1.64	1.73	1.74	1.81	1.87	1.90	1.90	1.93	1.97	2.00	2.04	2.09	2.12	2.16	2.21
85	1.95	1.46	1.60	1.67	1.68	1.67	1.62	1.23	0.93	0.71	0.53	0.39	0.29	0.20	0.13	0.07	0.03	0.01	0.00
90	1.86	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:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

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	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727
5	1436	1444	1453	1463	1475	1487	1502	1517	1534	1552	1572	1593	1616	1640	1666	1693	1721	1749	1739
10	1117	1134	1150	1168	1185	1201	1215	1230	1244	1257	1272	1288	1319	1354	1394	1439	1489	1543	1520
15	780	792	807	823	841	861	883	907	934	957	959	963	967	975	1014	1066	1126	1195	1163
20	428	444	462	480	499	518	533	546	564	592	621	652	652	645	644	683	740	808	776
25	254	260	265	270	274	276	275	278	293	304	312	341	368	375	362	365	413	471	442
30	81.6	91.0	103	115	126	132	134	136	135	131	139	144	154	170	168	158	179	213	193
35	52.7	53.4	53.6	53.2	52.4	51.2	51.1	58.8	60.5	60.6	61.6	62.2	63.2	67.5	74.7	69.3	72.2	85.8	77.0
40	26.3	27.6	29.0	30.2	30.9	31.0	30.8	30.7	30.5	31.9	32.0	33.0	33.9	33.6	36.6	37.3	36.6	41.9	38.4
45	18.9	18.9	18.8	18.7	18.4	18.3	18.7	19.3	19.4	20.2	20.9	20.7	21.4	22.5	22.4	24.9	23.8	26.5	24.8
50	11.9	12.2	12.5	12.6	12.6	12.6	12.7	12.8	12.8	13.3	13.6	14.4	14.5	15.5	16.0	17.2	17.2	19.0	18.0
55	8.71	8.80	8.86	8.76	8.60	8.48	8.52	8.63	8.60	8.86	9.18	9.46	10.3	10.5	11.6	11.8	12.5	13.6	13.1
60	5.59	5.79	6.06	6.19	6.26	6.30	6.19	6.01	5.73	5.81	6.01	6.43	6.45	7.07	7.00	7.56	8.42	8.93	8.72
65	4.46	4.53	4.62	4.64	4.66	4.68	4.56	4.47	4.31	4.09	4.08	4.08	3.95	3.81	4.05	4.50	5.05	5.35	5.30
70	3.35	3.40	3.47	3.52	3.57	3.62	3.60	3.53	3.43	3.29	3.18	3.02	2.68	2.46	2.40	2.63	3.02	3.35	3.18
75	2.81	2.82	2.86	2.86	2.87	2.90	2.91	2.91	2.88	2.82	2.72	2.65	2.48	2.31	2.16	2.26	2.59	2.92	2.74
80	2.25	2.29	2.33	2.35	2.38	2.41	2.43	2.43	2.43	2.45	2.45	2.42	2.34	2.25	2.07	1.87	2.02	2.36	2.07
85	0.01	0.03	0.08	0.15	0.24	0.35	0.50	0.68	0.90	1.22	1.62	2.13	2.16	2.18	2.16	2.03	1.76	2.12	1.75
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	1.95	0.00

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

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	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727
5	1730	1721	1713	1707	1701	1697	1693	1689	1687	1685	1682	1680	1677	1674	1670	1666	1662	1656	1650
10	1501	1487	1479	1475	1475	1493	1512	1531	1549	1565	1578	1586	1590	1590	1587	1579	1566	1547	1524
15	1140	1126	1127	1163	1204	1248	1293	1291	1278	1268	1260	1253	1248	1242	1235	1228	1220	1207	1191
20	755	755	803	859	904	887	877	869	868	881	891	896	895	890	880	867	851	833	815
25	424	462	521	537	516	501	525	551	584	578	576	575	574	571	567	562	555	544	531
30	191	231	254	238	239	261	283	293	295	294	301	294	289	280	270	258	248	238	232
35	81.7	98.6	91.9	91.9	102	110	112	117	120	112	120	131	140	145	149	149	147	141	132
40	42.2	43.4	41.5	45.4	46.2	46.0	48.3	48.5	52.3	55.3	58.8	60.9	59.9	55.8	50.0	44.7	41.8	42.1	44.5
45	27.3	25.4	26.7	26.5	26.4	27.3	27.5	27.8	28.9	28.2	27.5	28.4	29.3	30.0	30.5	30.5	30.1	29.3	28.1
50	18.8	18.2	18.3	17.9	18.5	17.9	18.2	18.4	18.7	18.9	19.2	19.5	19.6	19.4	18.9	18.4	17.9	17.7	17.5
55	12.8	13.3	12.3	12.7	12.1	12.5	12.5	12.6	13.0	13.1	13.3	13.5	13.7	13.8	13.7	13.5	13.3	13.0	12.6
60	8.08	7.75	8.13	7.61	8.15	8.09	8.63	8.92	9.09	9.27	9.48	9.60	9.56	9.44	9.12	8.81	8.45	8.16	8.06
65	4.92	4.45	4.08	4.20	4.42	4.98	5.43	5.80	6.16	6.38	6.48	6.52	6.46	6.41	6.28	6.14	5.98	5.80	5.69
70	2.86	2.54	2.42	2.40	2.69	2.87	3.27	3.72	4.01	4.13	4.11	3.99	3.85	3.70	3.58	3.49	3.43	3.40	3.40
75	2.38	2.17	2.12	2.18	2.24	2.31	2.51	2.64	2.66	2.72	2.79	2.84	2.88	2.91	2.93	2.93	2.91	2.89	2.84
80	1.84	1.82	1.90	1.99	2.12	2.18	2.24	2.27	2.30	2.34	2.35	2.37	2.39	2.40	2.40	2.39	2.39	2.38	2.36
85	1.79	1.89	1.96	2.01	2.01	1.51	1.15	0.87	0.65	0.49	0.34	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:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.25V I:0.0902A P:7.5106W PF:0.5539 Freq:50.00Hz Lamp Flux:654.44x1 lm		
NAME: 80071	TYPE:7W-3000K	WEIGHT:
SPEC.:	DIM.: 90*50*101mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:36°

Table--4 UNIT: cd

C(DEG) / g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727	1727				
5	1642	1634	1625	1615	1605	1594	1584	1574	1564	1555	1547	1540	1536	1533	1532				
10	1498	1471	1443	1416	1388	1363	1341	1320	1304	1292	1264	1238	1217	1200	1189				
15	1172	1151	1126	1099	1070	1041	1011	981	950	925	908	899	868	838	816				
20	798	781	764	747	730	713	687	649	614	584	561	548	543	515	486				
25	514	494	470	442	410	381	369	359	351	313	282	263	258	256	229				
30	229	228	229	227	220	197	166	137	135	135	121	103	97.9	99.7	90.8				
35	120	105	89.6	75.1	65.9	75.1	74.2	66.1	55.5	50.7	52.0	48.4	43.3	43.8	42.5				
40	47.0	48.0	46.6	43.5	39.1	34.0	29.7	30.7	31.0	28.4	26.5	27.4	25.9	25.2	25.5				
45	26.5	24.7	22.8	21.1	20.9	21.2	20.6	19.1	18.1	18.8	18.4	18.2	18.7	17.9	18.5				
50	17.2	16.8	16.2	15.7	15.0	14.1	13.1	13.3	13.2	12.5	13.0	13.0	13.2	13.0	13.3				
55	12.2	11.6	11.1	10.4	10.1	9.83	9.56	9.02	8.73	8.98	8.52	8.93	8.61	9.09	8.97				
60	7.84	7.70	7.44	7.15	6.95	6.46	5.91	5.72	5.80	5.16	5.28	4.85	5.34	5.39	5.33				
65	5.47	5.25	4.87	4.39	3.91	3.82	3.76	3.61	3.13	3.11	2.80	2.86	2.79	2.92	3.07				
70	3.43	3.43	3.44	3.33	3.14	2.85	2.54	2.31	2.29	2.05	1.93	1.95	2.10	2.34	2.57				
75	2.79	2.72	2.69	2.61	2.49	2.37	2.28	2.14	2.01	1.90	1.85	1.74	1.79	1.95	2.20				
80	2.34	2.31	2.29	2.25	2.19	2.15	2.10	2.02	1.94	1.84	1.80	1.65	1.55	1.55	1.81				
85	0.08	0.14	0.23	0.33	0.46	0.62	0.82	1.08	1.43	1.88	1.88	1.83	1.75	1.61	1.52				
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:2026-09-15

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:7.300m [K=1.0000]
Remarks:

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