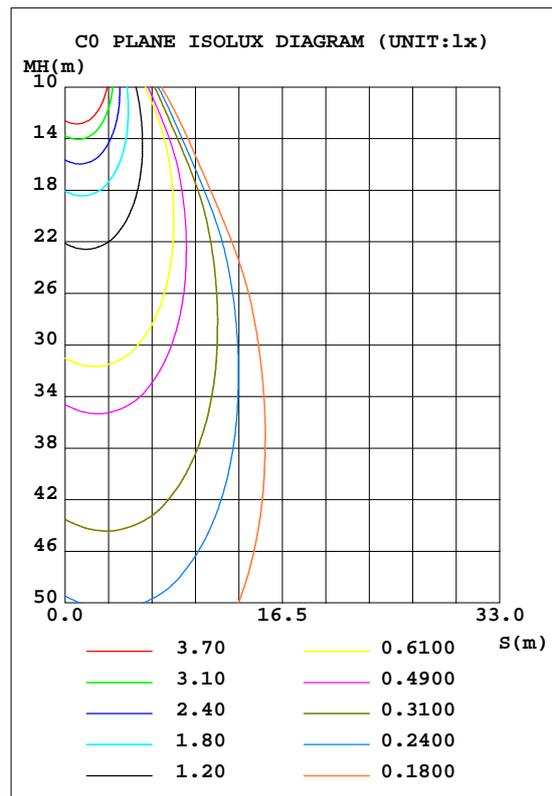
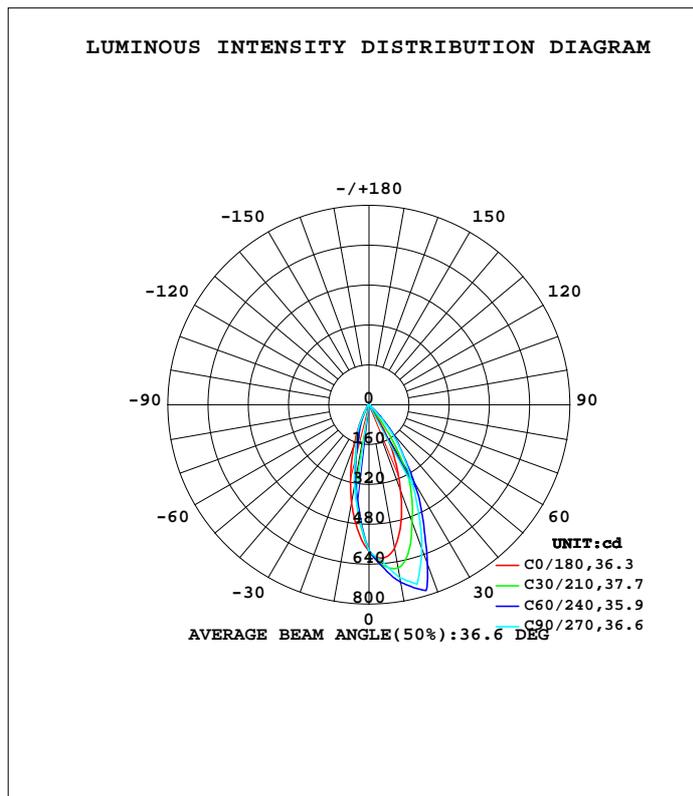


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.77 lm/W			
MODEL		I _{max} (cd)	796.1	S/MH(C0/180)	0.48
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)		TOTAL FLUX(lm)	340.08	h UP, DN(C0-180)	0.0,70.3
NOMINAL FLUX(lm)	340.083	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0,29.7
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	0	h down(%)	100.0	CIBSE SHR MAX	0.60



H(h) Range:-90 - 90DEG
 H(h) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-08-09

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.000m [K=2.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	584.7	697.1	703.7	507.3	399.7	310.1	331.5	424.4	0- 10	50.41	50.41	14.8,14.8
20	370.5	655.0	616.9	335.1	178.1	105.8	148.2	200.7	10- 20	114.4	164.9	48.5,48.5
30	131.7	310.7	327.0	121.2	49.88	38.59	37.60	79.95	20- 30	101.6	266.5	78.3,78.3
40	6.042	73.42	123.2	26.17	7.398	8.953	17.27	17.15	30- 40	49.40	315.9	92.9,92.9
50	3.951	10.80	16.12	7.622	5.065	5.626	6.377	5.330	40- 50	13.14	329.0	96.7,96.7
60	2.646	3.387	5.669	3.703	3.015	3.632	4.909	3.279	50- 60	4.725	333.7	98.1,98.1
70	2.450	2.421	4.433	2.460	2.501	2.368	3.230	2.401	60- 70	3.219	336.9	99.1,99.1
80	2.348	1.885	0	1.851	2.331	1.810	0	1.851	70- 80	2.478	339.4	99.8,99.8
90	2.305	0	0	0	2.194	0	0	0	80- 90	0.6657	340.1	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): 325.13 lm

%lum = 95.6%
 %lamp = 95.6%

Conical surface Flux(120deg): 333.72 lm

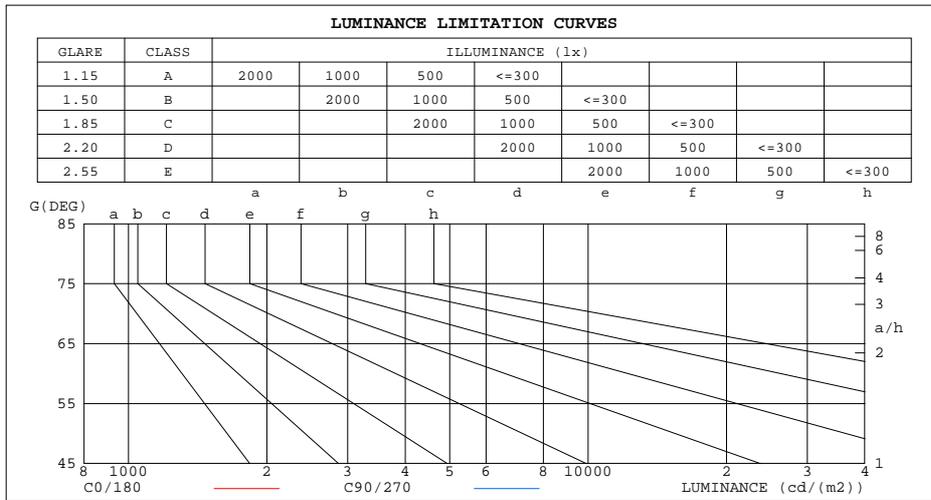
%lum = 98.1%
 %lamp = 98.1%

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-08-09

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.000m [K=2.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	262	0
80	135	0
75	92	146
70	72	130
65	60	120
60	53	113
55	56	188
50	61	251
45	70	296

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-08-09

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.000m [K=2.0000]
Remarks:

WEC AND CCEC

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	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 Coefficients(WEC)									
0.0																
1.0	.175	.099	.032	.168	.096	.030	.156	.089	.029	.144	.083	.027	.133	.077	.025	
2.0	.166	.091	.028	.160	.088	.027	.149	.083	.026	.140	.078	.025	.131	.074	.023	
3.0	.156	.083	.025	.151	.081	.024	.143	.077	.023	.134	.074	.023	.127	.070	.022	
4.0	.148	.077	.023	.144	.075	.022	.136	.072	.022	.129	.069	.021	.122	.066	.020	
5.0	.140	.071	.021	.137	.070	.020	.130	.068	.020	.124	.065	.019	.118	.063	.019	
6.0	.133	.067	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	.114	.060	.018	
7.0	.127	.063	.018	.124	.062	.018	.119	.060	.017	.114	.059	.017	.110	.057	.017	
8.0	.121	.059	.017	.119	.059	.017	.114	.057	.016	.110	.056	.016	.106	.054	.016	
9.0	.116	.056	.016	.114	.056	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015	
10.0	.111	.053	.015	.109	.053	.015	.106	.052	.015	.102	.051	.014	.099	.050	.014	

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	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.122	.098	.078	.084	.068	.055	.048	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.061	.105	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.037	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.003	

H_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-08-09

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.000m [K=2.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm										
NAME: 6969			TYPE:			WEIGHT:				
SPEC.:2W			DIM.: 4.8*5.2*5CM			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	6.5	7.4	6.7	7.5	7.7	13.7	14.6	13.9	14.8	14.9
3H	6.5	7.3	6.8	7.5	7.7	13.6	14.5	13.9	14.6	14.8
4H	6.6	7.4	6.9	7.6	7.9	13.6	14.4	13.9	14.6	14.8
6H	6.9	7.7	7.2	7.9	8.2	13.6	14.3	13.8	14.5	14.8
8H	7.2	7.9	7.5	8.2	8.4	13.5	14.2	13.8	14.5	14.7
12H	7.6	8.3	7.9	8.6	8.8	13.5	14.1	13.8	14.4	14.7
4H 2H	6.3	7.1	6.6	7.3	7.6	13.5	14.2	13.7	14.5	14.7
3H	6.5	7.1	6.8	7.4	7.7	13.4	14.1	13.7	14.3	14.6
4H	6.7	7.3	7.0	7.6	7.9	13.4	14.0	13.8	14.3	14.6
6H	7.2	7.7	7.6	8.1	8.4	13.4	13.9	13.7	14.2	14.6
8H	7.6	8.1	8.0	8.5	8.8	13.3	13.8	13.7	14.2	14.5
12H	8.2	8.7	8.6	9.1	9.4	13.3	13.7	13.7	14.1	14.5
8H 4H	6.8	7.3	7.2	7.7	8.0	13.3	13.8	13.7	14.2	14.5
6H	7.5	7.9	7.9	8.3	8.7	13.2	13.7	13.7	14.1	14.5
8H	8.1	8.5	8.6	8.9	9.3	13.2	13.6	13.6	14.0	14.4
12H	9.0	9.3	9.4	9.7	10.2	13.1	13.5	13.6	13.9	14.4
12H 4H	6.8	7.2	7.2	7.6	8.0	13.3	13.7	13.7	14.1	14.5
6H	7.5	7.9	7.9	8.3	8.7	13.2	13.6	13.7	14.0	14.4
8H	8.1	8.4	8.6	8.9	9.3	13.1	13.5	13.6	13.9	14.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 1.4					+ 2.6 / - 7.6				
1.5H	+ 2.5 / - 1.3					+ 5.2 / - 7.2				
2.0H	+ 0.1 / - 0.2					+ 2.2 / - 2.3				

CIE Pub.117, 340.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.7)
 Area: 0.1 m2

H_(b) Range:-90 - 90DEG
 H_(b) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-08-09

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.000m [K=2.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

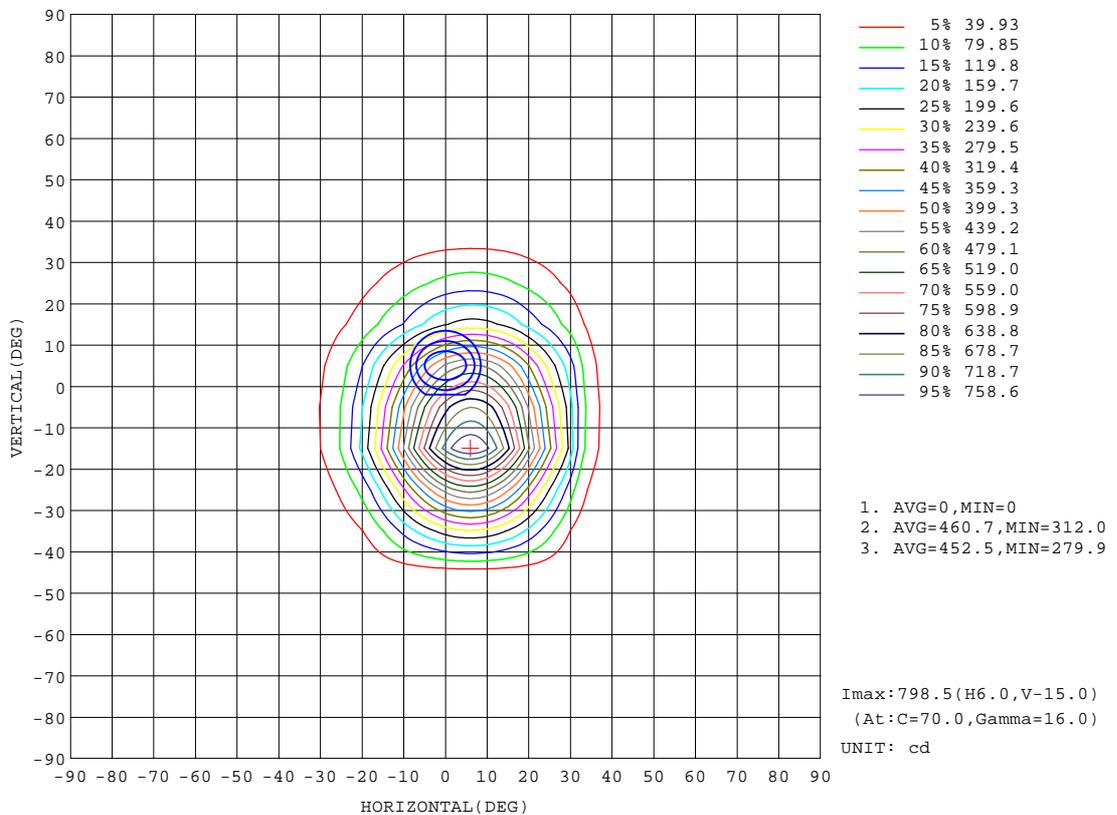
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	93	88	84	81
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	97	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H_(β) Range:-90 - 90DEG
H_(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-08-09

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.000m [K=2.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°



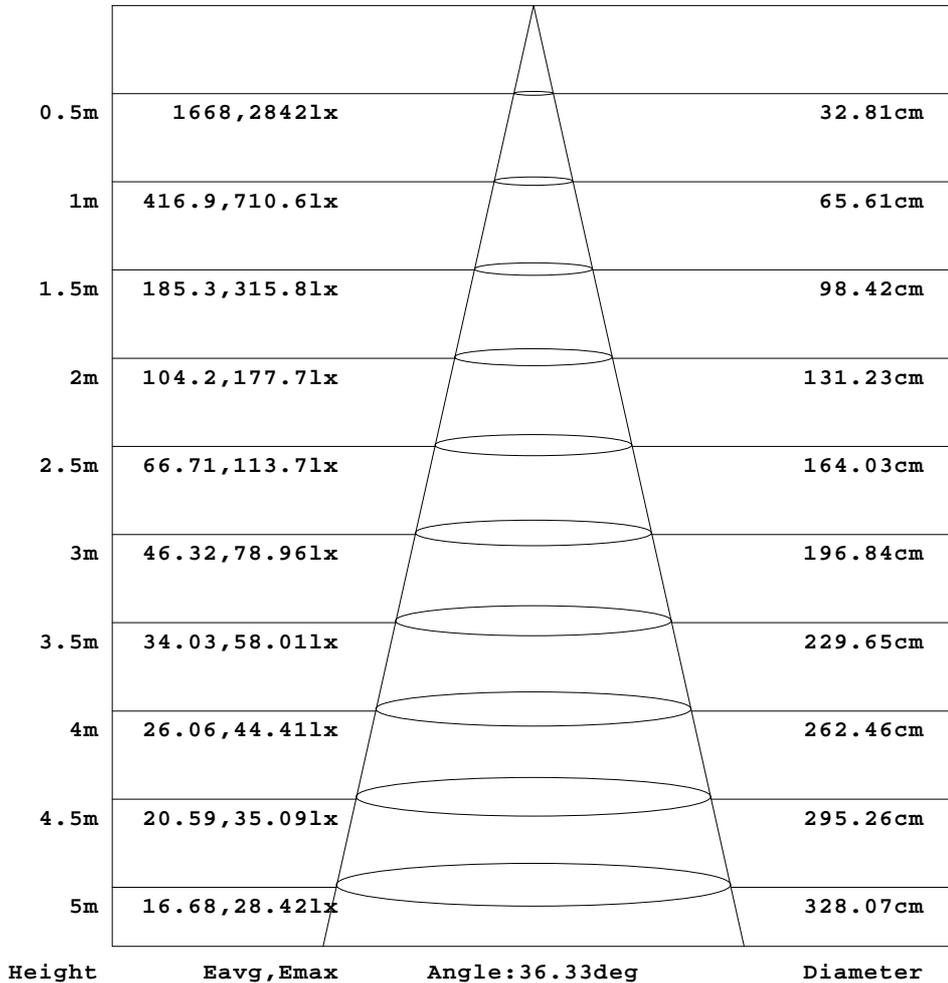
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-08-09

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.000m [K=2.0000]
 Remarks:

AAI Figure

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

Flux out:146.6 lm



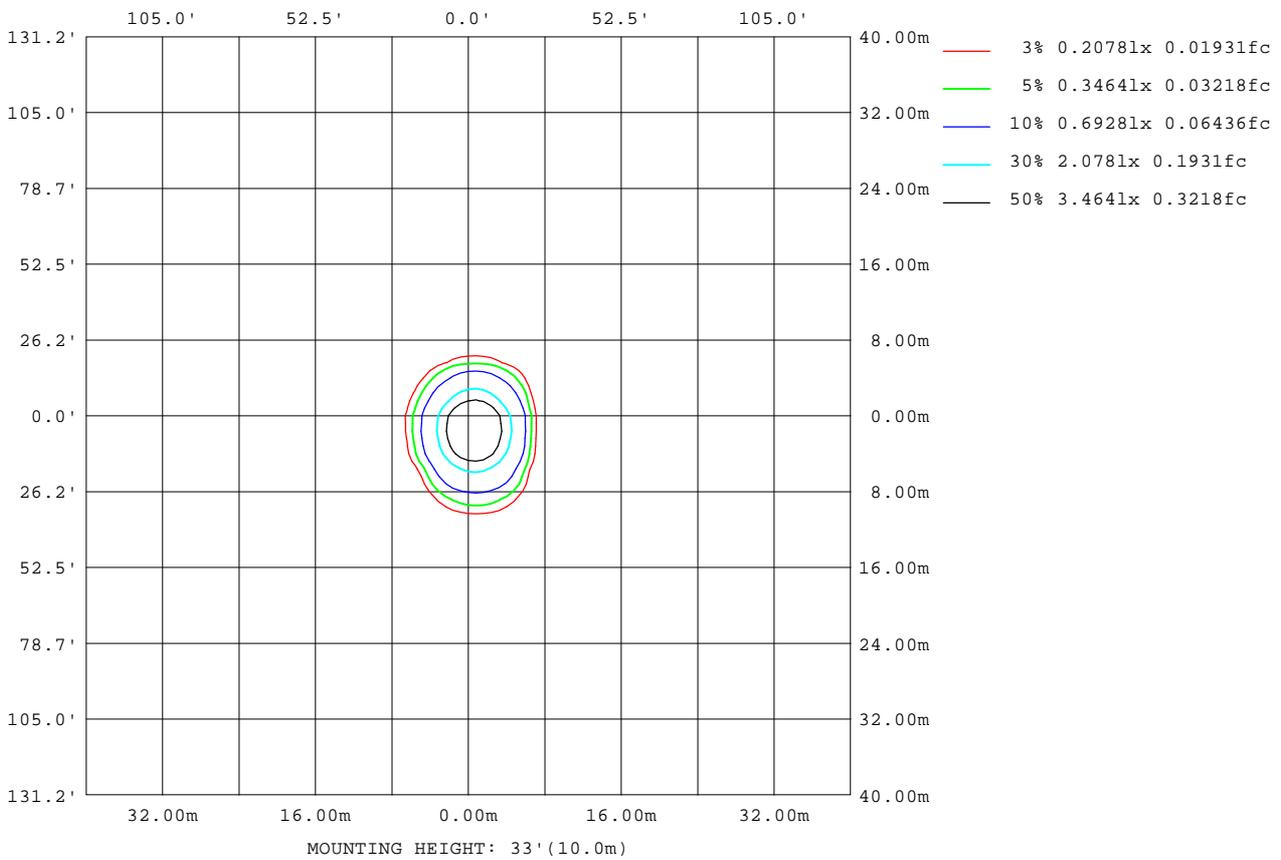
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-08-09

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.000m [K=2.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-08-09

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.000m [K=2.0000]
 Remarks:

LED Avg.L Report

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

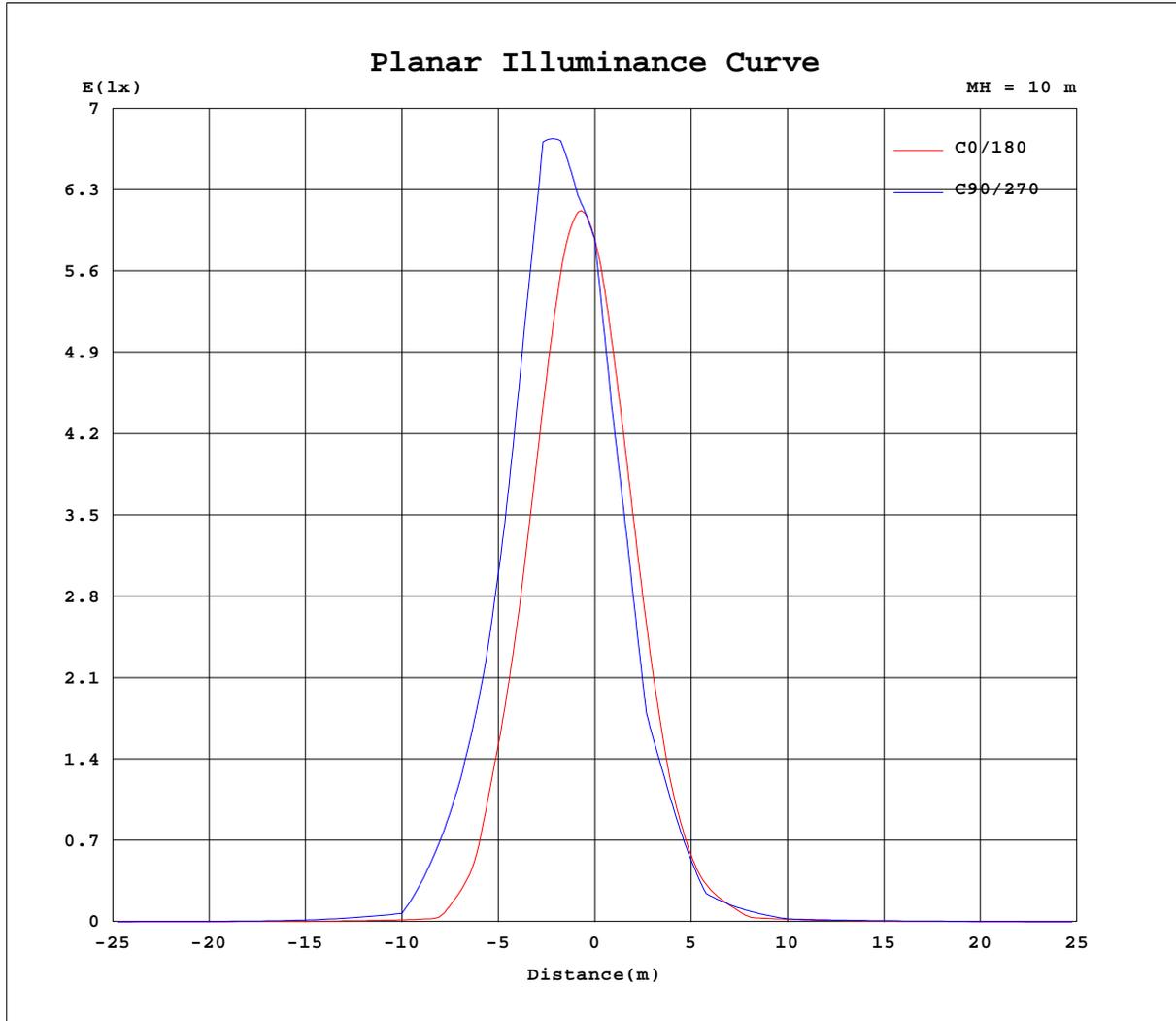
AvgL	cd/m2
L_0~180(65)av	60
L_0~180(75)av	93
L_0~180(85)av	259
L_90~270(65)av	108
L_90~270(75)av	119
L_90~270(85)av	0
L_45(65)av	66
L_45(75)av	90
L_45(85)av	0

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-08-09

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.000m [K=2.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-08-09

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.000m [K=2.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	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	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587
5	618	623	628	633	638	642	646	649	652	654	655	656	655	653	651	647	643	638	632
10	585	597	610	623	637	652	665	676	686	697	707	715	722	726	728	726	722	714	704
15	492	510	530	553	576	592	611	632	656	686	717	744	765	780	788	788	780	765	745
20	370	391	415	439	453	473	502	551	602	655	680	681	681	679	674	666	653	636	617
25	248	268	293	304	318	351	402	460	464	471	479	496	511	520	522	516	503	484	461
30	132	152	170	173	201	249	276	276	284	311	337	356	363	366	366	362	355	342	327
35	47.1	55.2	58.5	59.6	81.1	105	114	142	171	188	198	208	227	240	247	249	245	234	220
40	6.04	8.45	8.58	13.4	27.6	28.7	39.9	55.0	62.5	73.4	105	129	142	146	145	143	138	131	123
45	4.93	5.12	4.94	5.27	5.15	5.52	9.45	7.63	22.5	34.0	46.9	56.1	59.8	58.0	51.0	41.3	31.7	24.5	20.9
50	3.95	4.05	3.99	4.09	4.10	4.25	4.33	4.67	5.87	10.8	12.7	13.2	12.8	14.9	16.4	17.3	17.3	16.9	16.1
55	3.19	3.26	3.35	3.23	3.36	3.29	3.52	3.63	3.87	4.32	4.67	5.85	8.26	10.2	11.4	11.9	11.7	11.4	10.8
60	2.65	2.64	2.70	2.69	2.64	2.70	2.68	2.93	3.14	3.39	3.85	4.50	5.75	6.49	6.72	6.53	6.12	5.86	5.67
65	2.52	2.46	2.41	2.36	2.31	2.23	2.26	2.39	2.63	2.80	3.08	3.44	3.91	4.38	4.81	5.05	5.12	5.14	5.05
70	2.45	2.44	2.37	2.25	2.18	2.15	2.18	2.25	2.28	2.42	2.73	3.03	3.27	3.57	3.92	4.26	4.47	4.51	4.43
75	2.39	2.35	2.24	2.10	2.10	2.16	2.20	2.23	2.29	2.36	2.46	2.59	2.66	2.84	3.17	3.55	3.85	3.89	3.78
80	2.35	2.27	2.08	2.10	2.11	2.14	2.18	2.24	2.31	1.88	1.41	1.04	0.75	0.53	0.38	0.24	0.12	0.03	0.00
85	2.29	2.08	2.08	2.09	1.86	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	2.30	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(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2025-08-09
 V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.000m [K=2.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	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	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587
5	625	618	609	601	592	582	573	565	556	548	540	533	527	522	517	513	510	507	497
10	690	673	653	631	608	583	557	532	507	483	461	439	427	418	410	405	401	400	382
15	717	685	650	613	575	538	504	472	443	415	382	352	325	301	290	285	283	284	264
20	593	565	535	501	466	432	398	367	335	304	279	259	231	205	183	176	175	178	160
25	435	408	379	352	325	298	275	251	222	197	176	156	142	127	107	94.5	95.5	99.4	87.0
30	308	287	263	237	207	176	148	132	121	113	97.0	80.7	69.7	63.6	55.7	47.6	47.1	49.9	43.4
35	203	185	166	146	123	99.6	77.9	63.3	53.7	48.0	45.2	41.0	35.0	31.7	30.4	25.2	23.2	26.2	21.2
40	115	105	94.7	80.5	63.8	46.8	35.4	29.8	26.2	23.1	19.4	17.6	16.0	8.80	8.19	7.48	7.27	7.40	7.09
45	21.2	24.0	27.3	28.8	26.9	22.5	18.3	15.7	13.2	10.5	6.91	6.34	6.33	6.50	6.40	6.40	6.06	6.31	5.86
50	15.0	13.7	12.1	10.4	8.25	6.47	6.81	8.05	7.62	5.36	5.24	5.29	5.15	5.16	5.14	5.06	4.86	5.06	4.68
55	10.1	9.43	8.62	7.72	6.51	5.52	5.12	4.80	4.44	4.31	4.25	4.02	4.11	3.90	4.04	3.91	3.81	3.91	3.63
60	5.68	5.75	5.75	5.61	5.14	4.59	4.25	3.96	3.70	3.43	3.12	3.14	3.03	3.06	2.97	3.01	2.99	3.01	2.86
65	4.97	4.85	4.71	4.55	4.27	3.93	3.58	3.19	2.91	2.72	2.66	2.46	2.50	2.51	2.54	2.63	2.64	2.59	2.53
70	4.36	4.25	4.06	3.81	3.50	3.21	2.97	2.70	2.46	2.33	2.35	2.32	2.35	2.38	2.37	2.41	2.50	2.50	2.43
75	3.73	3.57	3.30	3.00	2.74	2.64	2.57	2.48	2.34	2.31	2.28	2.28	2.27	2.28	2.31	2.30	2.36	2.42	2.38
80	0.03	0.11	0.22	0.36	0.50	0.73	1.01	1.38	1.85	2.27	2.25	2.26	2.21	2.23	2.26	2.27	2.27	2.33	2.24
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.91	2.21	2.18	2.21	2.23	2.22
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	2.19	0.00

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-08-09

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.000m [K=2.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	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	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587
5	487	478	469	462	456	450	446	442	440	438	437	437	438	440	443	446	450	455	460
10	366	351	338	327	317	314	311	310	309	310	311	313	315	318	322	326	331	338	345
15	246	231	218	214	211	208	207	202	197	193	190	188	187	188	190	194	199	206	215
20	145	134	132	132	130	122	115	106	103	108	114	120	126	133	138	143	148	153	158
25	76.4	74.4	74.4	71.2	64.9	57.5	61.4	66.3	70.5	72.1	73.5	75.5	78.0	80.8	83.9	87.2	91.1	95.6	101
30	39.2	40.0	39.5	36.0	34.2	36.0	38.1	38.6	39.1	39.5	40.0	39.6	39.0	38.2	37.4	37.0	37.6	39.7	43.4
35	20.3	22.0	20.2	20.2	20.9	20.3	19.2	19.6	20.2	19.7	20.7	21.7	22.7	23.7	24.8	25.9	27.1	28.2	29.2
40	7.14	7.44	6.98	9.73	11.0	10.4	9.13	8.95	11.1	12.7	13.9	14.8	15.4	15.9	16.3	16.8	17.3	17.9	18.6
45	5.96	5.75	5.87	5.82	5.89	6.19	6.21	6.33	7.26	8.95	9.55	9.43	8.96	8.37	7.73	7.27	7.09	7.36	8.00
50	4.72	4.61	4.63	4.66	4.91	4.96	5.27	5.63	5.90	6.28	6.28	6.26	6.28	6.31	6.31	6.33	6.38	6.40	6.40
55	3.54	3.61	3.49	3.68	3.71	4.04	4.25	4.53	4.89	5.16	5.33	5.36	5.44	5.48	5.50	5.56	5.62	5.69	5.70
60	2.77	2.69	2.76	2.78	2.96	3.02	3.34	3.63	3.82	3.98	4.22	4.44	4.63	4.70	4.74	4.82	4.91	4.95	5.04
65	2.45	2.35	2.33	2.38	2.39	2.60	2.66	2.75	2.90	3.09	3.37	3.64	3.82	3.92	3.94	3.99	4.05	4.11	4.18
70	2.34	2.27	2.29	2.29	2.30	2.34	2.30	2.37	2.49	2.66	2.85	3.02	3.11	3.17	3.18	3.19	3.23	3.27	3.32
75	2.28	2.26	2.26	2.28	2.28	2.29	2.29	2.31	2.35	2.41	2.44	2.45	2.43	2.43	2.40	2.38	2.37	2.42	2.44
80	2.25	2.26	2.25	2.26	2.26	2.26	2.26	1.81	1.34	0.98	0.69	0.46	0.29	0.16	0.07	0.02	0.00	0.02	0.07
85	2.25	2.24	1.96	0.76	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
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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2025-08-09

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.000m [K=2.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.18V I:0.0256A P:2.5049W PF:0.4451 Freq:50.00Hz Lamp Flux:340.083x1 lm		
NAME: 6969	TYPE:	WEIGHT:
SPEC.:2W	DIM.: 4.8*5.2*5CM	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	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587				
5	466	473	481	490	499	508	517	527	538	549	560	571	582	594	606				
10	353	362	373	384	396	410	424	440	457	475	492	509	527	545	564				
15	226	238	250	264	279	294	309	325	345	366	388	412	430	449	470				
20	163	168	174	179	184	190	201	216	231	245	267	291	317	334	351				
25	106	112	117	121	124	127	131	135	139	153	164	180	203	225	234				
30	48.5	54.8	61.8	68.8	74.9	78.1	80.0	81.0	84.7	88.2	92.9	98.3	110	128	131				
35	29.9	30.1	29.9	29.0	28.8	37.0	43.6	46.6	45.1	43.2	44.6	43.4	39.5	45.7	48.7				
40	19.2	19.8	20.2	20.2	19.8	18.7	17.2	19.6	20.8	17.9	13.6	12.1	8.18	7.92	8.05				
45	8.98	10.1	11.1	11.7	12.0	12.1	11.3	7.12	5.56	6.22	5.05	4.85	4.93	4.72	5.00				
50	6.44	6.42	6.38	6.27	6.48	6.70	5.33	4.73	4.51	4.16	4.01	3.84	3.83	3.78	3.93				
55	5.78	5.73	5.55	5.21	4.83	4.53	4.23	3.80	3.50	3.36	3.10	3.09	2.93	3.03	3.11				
60	5.10	4.95	4.66	4.33	4.01	3.64	3.28	3.09	2.87	2.64	2.58	2.40	2.44	2.45	2.52				
65	4.26	4.14	3.82	3.45	3.04	2.87	2.74	2.59	2.45	2.32	2.24	2.22	2.21	2.24	2.33				
70	3.36	3.29	3.12	2.96	2.74	2.57	2.40	2.33	2.34	2.28	2.21	2.19	2.18	2.19	2.28				
75	2.48	2.50	2.48	2.48	2.45	2.38	2.33	2.31	2.32	2.25	2.22	2.20	2.07	2.13	2.24				
80	0.17	0.30	0.47	0.70	1.00	1.37	1.85	2.30	2.31	2.26	2.25	2.20	2.18	2.13	2.16				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	1.96	2.23	2.21	2.08				
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:NORDECOR
Test Date:2025-08-09

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:5.000m [K=2.0000]
Remarks: