

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

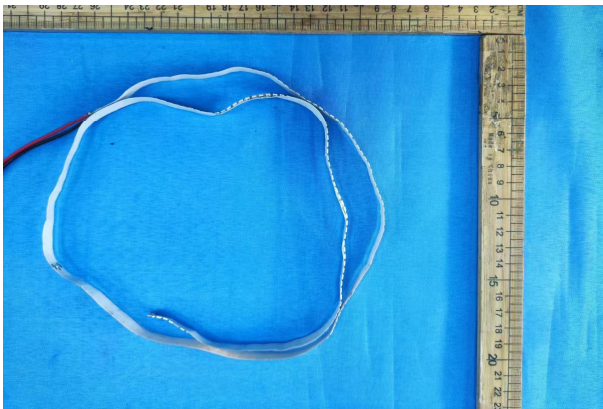
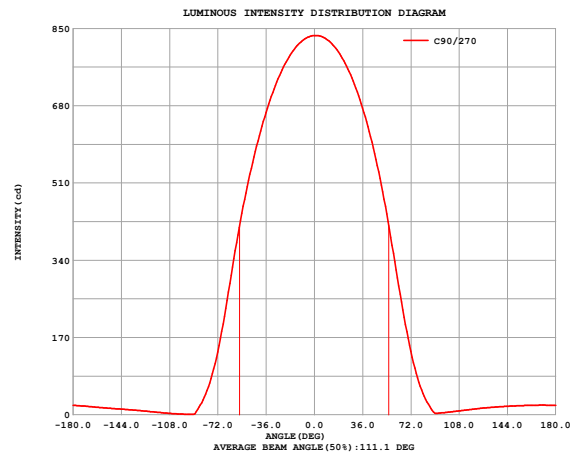
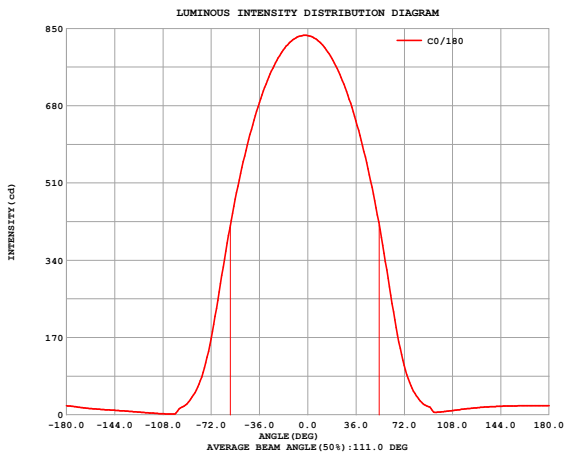
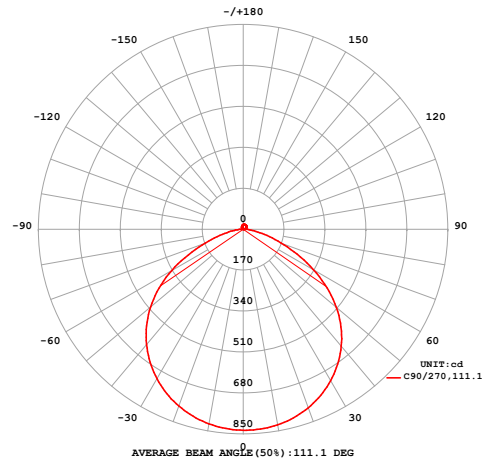
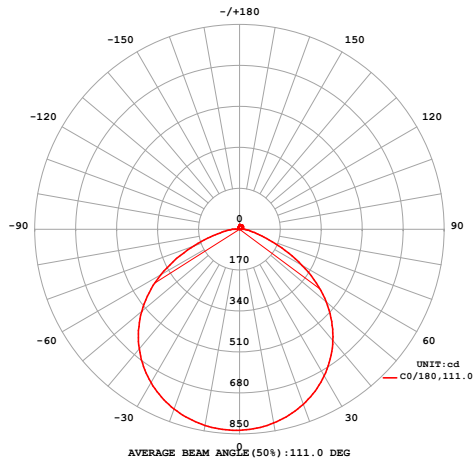


Fig. C0/C180

Fig. C90/C270

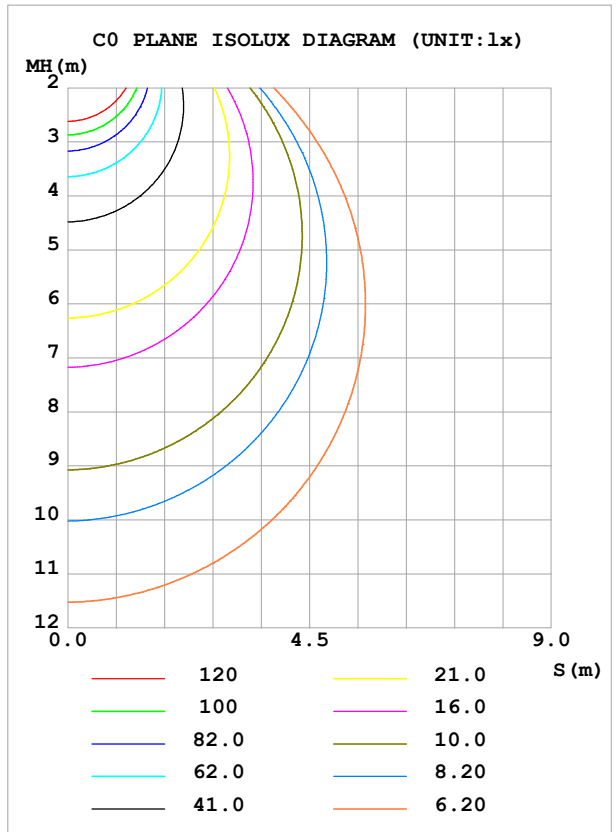
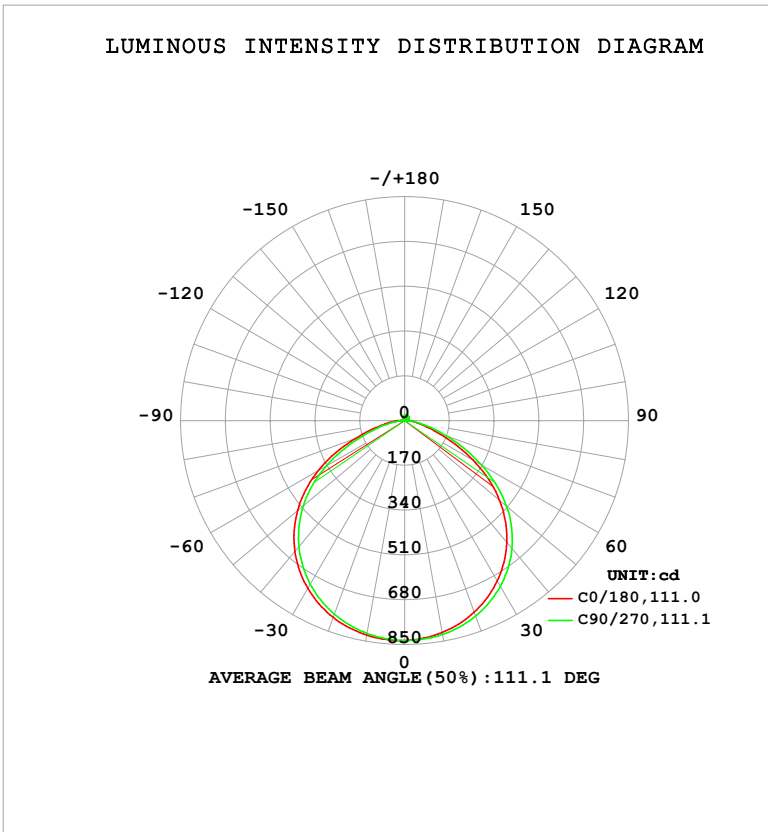
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:12.000V I:1.7400A P:20.880W PF:1.0024 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2364.54x1 lm		
NAME: 7131 2835 240LED. 4000K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	835.1	S/MH (C0/180)	1.31
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	2364.5	η UP, DN (C0-180)	1.7, 48.3
NOMINAL FLUX (lm)	2364.54	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.0, 49.0
LAMPS INSIDE	1	η up (%)	2.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	12	η down (%)	97.3	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	816.9	819.0	824.4	826.6	826.9	830.3	820.3	817.6	0- 10	79.09	79.09	3.34,3.34
20	773.6	783.2	789.0	793.6	794.5	804.6	781.5	775.4	10- 20	228.1	307.1	13,13
30	702.9	723.2	726.5	733.5	735.4	750.5	716.7	706.5	20- 30	349.5	656.6	27.8,27.8
40	603.3	631.8	633.9	643.8	648.4	661.0	624.5	608.7	30- 40	425.7	1082	45.8,45.8
50	470.5	496.9	505.3	519.9	530.4	536.4	502.0	478.5	40- 50	440.6	1523	64.4,64.4
60	300.3	318.2	337.0	357.1	377.8	376.8	343.2	311.8	50- 60	380.2	1903	80.5,80.5
70	132.4	149.3	167.7	184.3	199.3	195.6	167.6	143.8	60- 70	248.0	2151	91,91
80	46.87	50.97	54.66	69.61	75.30	74.44	53.33	50.33	70- 80	112.7	2264	95.7,95.7
90	18.09	14.14	3.223	19.42	24.42	21.26	1.319	11.81	80- 90	36.25	2300	97.3,97.3
100	6.619	6.424	5.805	5.230	1.455	1.549	1.683	1.935	90-100	7.479	2308	97.6,97.6
110	10.13	10.09	9.339	8.610	2.581	2.891	3.661	3.588	100-110	5.256	2313	97.8,97.8
120	13.71	13.47	12.90	12.11	4.627	5.098	6.458	5.972	110-120	7.703	2321	98.1,98.1
130	16.47	16.05	15.90	15.08	6.970	7.640	9.257	8.422	120-130	9.514	2330	98.5,98.5
140	18.26	18.02	18.07	17.34	9.103	10.18	11.66	10.72	130-140	10.10	2340	99,99
150	19.40	19.49	19.63	19.09	11.06	12.69	13.70	12.91	140-150	9.455	2350	99.4,99.4
160	19.82	20.35	20.71	20.50	13.17	15.18	16.08	15.29	150-160	7.791	2357	99.7,99.7
170	19.85	20.59	21.21	21.33	16.46	18.04	18.79	18.02	160-170	5.234	2363	99.9,99.9
180	19.90	20.78	20.96	21.06	19.90	20.77	20.96	21.06	170-180	1.900	2365	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1305.2 lm

%lum = 55.2%

%lamp = 55.2%

Conical surface Flux(120deg): 1903.1 lm

%lum = 80.5%

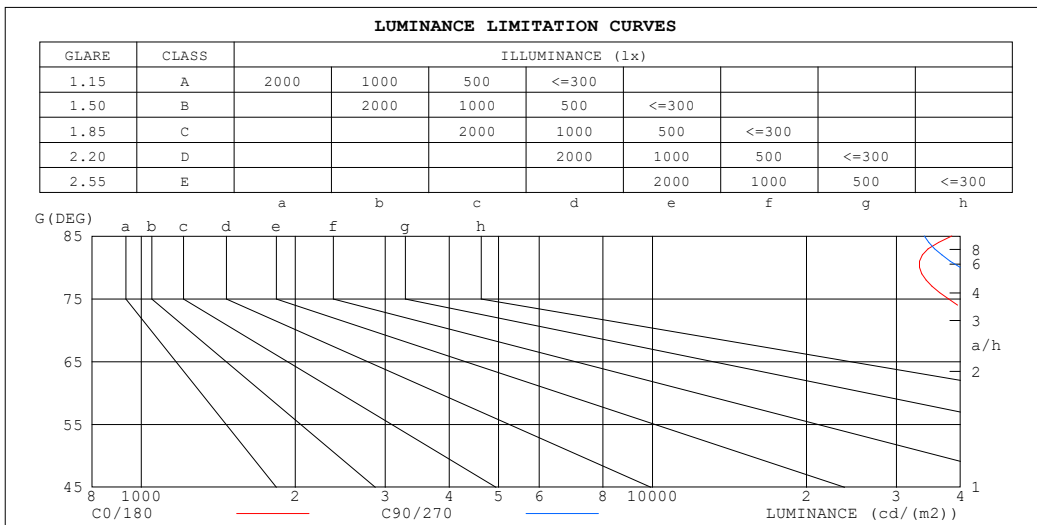
%lamp = 80.5%

C Range: 0 - 360DEG
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 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:8.050m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:12.000V I:1.7400A P:20.880W PF:1.0024 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2364.54x1 lm		
NAME: 7131 2835 240LED. 4000K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:



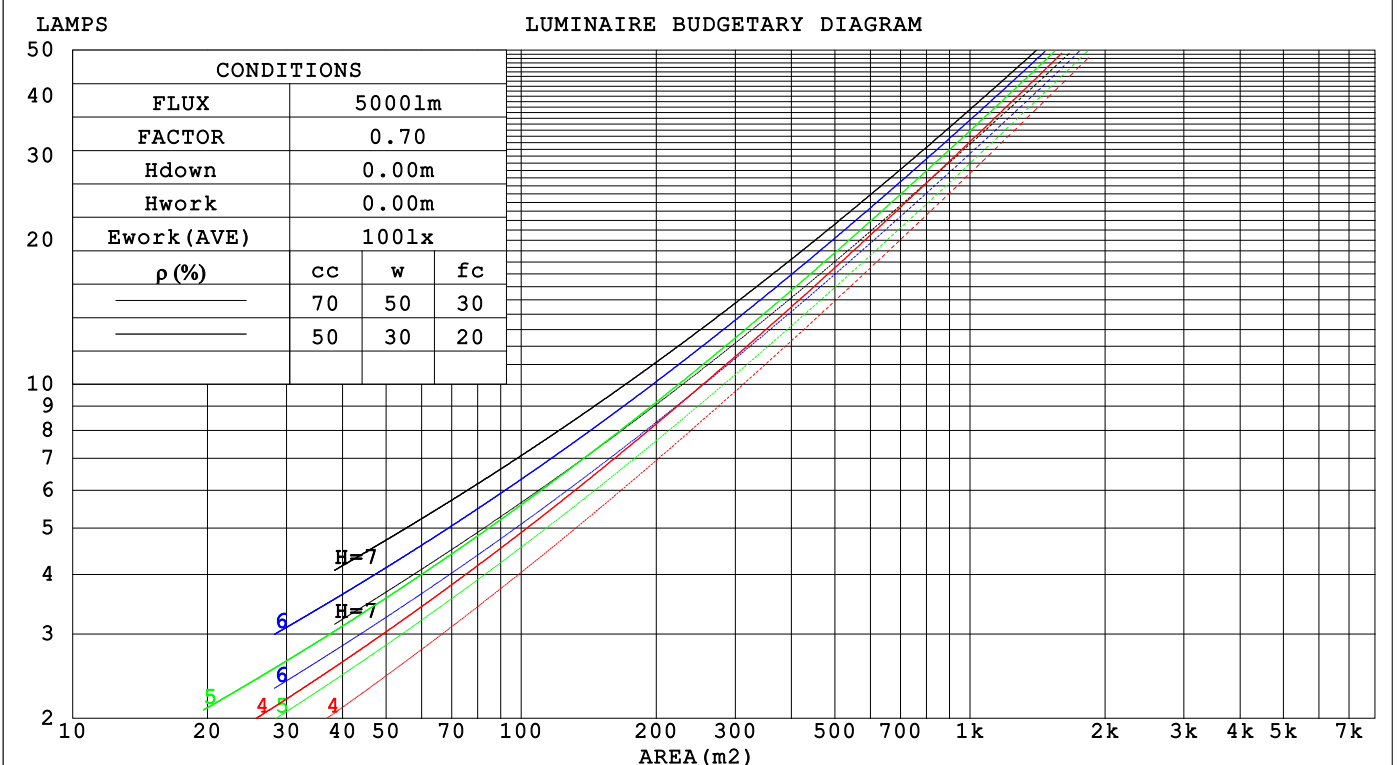
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 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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UTHDI:0.00% ITHDI:0.00% KDisp:0 Lamp Flux:2364.54x1 lm		
NAME: 7131 2835 240LED. 4000K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.04	1.00	.96	1.02	.98	.95	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.91	.85	.79	.89	.83	.78	.85	.80	.76	.82	.77	.74	.78	.75	.72	.70
3.0	.80	.73	.66	.79	.71	.66	.75	.69	.64	.72	.67	.63	.69	.65	.61	.59
4.0	.71	.63	.56	.70	.62	.56	.67	.60	.55	.64	.59	.54	.62	.57	.53	.51
5.0	.64	.55	.49	.63	.54	.48	.60	.53	.47	.58	.52	.47	.56	.50	.46	.44
6.0	.58	.49	.42	.56	.48	.42	.54	.47	.42	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.44	.38	.51	.43	.37	.49	.42	.37	.48	.41	.36	.46	.40	.36	.34
8.0	.48	.39	.33	.47	.39	.33	.45	.38	.33	.44	.37	.33	.42	.37	.32	.30
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.40	.32	.27	.38	.32	.27	.37	.31	.27	.36	.31	.26	.25



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 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:8.050m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:12.000V I:1.7400A P:20.880W PF:1.0024 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2364.54x1 lm		
NAME: 7131 2835 240LED. 4000K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.292	.166	.053	.284	.162	.051	.269	.154	.049	.255	.147	.047	.243	.141	.045	
2.0	.277	.152	.047	.270	.149	.046	.257	.143	.044	.245	.137	.043	.234	.132	.042	
3.0	.258	.138	.041	.252	.135	.041	.241	.131	.040	.230	.126	.039	.220	.122	.038	
4.0	.240	.125	.037	.235	.123	.036	.224	.119	.036	.215	.115	.035	.206	.112	.034	
5.0	.223	.114	.033	.218	.112	.033	.209	.109	.032	.201	.106	.032	.193	.103	.031	
6.0	.208	.104	.030	.204	.103	.030	.195	.100	.029	.188	.098	.029	.180	.095	.028	
7.0	.194	.096	.027	.190	.095	.027	.183	.092	.027	.176	.090	.026	.169	.088	.026	
8.0	.182	.089	.025	.178	.088	.025	.172	.086	.024	.165	.084	.024	.160	.082	.024	
9.0	.171	.083	.023	.168	.082	.023	.162	.080	.023	.156	.078	.022	.151	.076	.022	
10.0	.161	.077	.021	.158	.076	.021	.153	.075	.021	.147	.073	.021	.142	.072	.021	

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.211	.211	.211	.181	.181	.181	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.200	.177	.157	.171	.152	.135	.117	.105	.093	.067	.061	.054	.022	.019	.018	
2.0	.191	.153	.121	.164	.132	.104	.112	.091	.073	.065	.053	.043	.021	.017	.014	
3.0	.183	.135	.097	.157	.117	.084	.108	.081	.059	.062	.047	.035	.020	.015	.011	
4.0	.176	.122	.081	.151	.105	.070	.104	.074	.050	.060	.043	.029	.019	.014	.010	
5.0	.169	.112	.070	.145	.097	.061	.100	.067	.043	.058	.040	.025	.019	.013	.008	
6.0	.162	.103	.061	.139	.089	.053	.096	.063	.038	.056	.037	.022	.018	.012	.007	
7.0	.155	.096	.055	.133	.084	.048	.092	.059	.034	.054	.035	.020	.017	.011	.007	
8.0	.149	.091	.051	.128	.079	.044	.089	.055	.031	.052	.033	.019	.017	.011	.006	
9.0	.143	.086	.047	.123	.074	.041	.085	.052	.029	.050	.031	.017	.016	.010	.006	
10.0	.137	.082	.044	.119	.071	.039	.082	.050	.027	.048	.029	.016	.016	.010	.005	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
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 Operators:DAMIN
 Test Date:2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:8.050m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:12.000V I:1.7400A P:20.880W PF:1.0024 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2364.54x1 lm										
NAME: 7131 2835 240LED. 4000K 12V					TYPE:			WEIGHT:		
SPEC.: 20W					DIM.:			SERIAL No.:		
MFR.: NORDECOR					SUR.: 0.008m*1m			Shielding Angle:		
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	24.7	26.1	25.0	26.4	26.6	25.3	26.8	25.6	27.0	27.3
3H	25.5	26.8	25.8	27.1	27.4	26.3	27.6	26.6	27.9	28.2
4H	25.7	26.9	26.0	27.2	27.6	26.6	27.8	26.9	28.1	28.5
6H	25.8	27.0	26.2	27.3	27.6	26.7	27.9	27.1	28.2	28.6
8H	25.9	27.0	26.2	27.3	27.7	26.8	27.9	27.2	28.3	28.6
12H	25.9	27.0	26.3	27.3	27.7	26.8	27.9	27.2	28.2	28.6
4H 2H	25.1	26.4	25.5	26.7	27.0	25.6	26.9	26.0	27.2	27.5
3H	26.1	27.2	26.4	27.5	27.9	26.8	27.9	27.2	28.2	28.6
4H	26.4	27.3	26.8	27.7	28.1	27.1	28.1	27.6	28.5	28.9
6H	26.6	27.4	27.0	27.8	28.3	27.4	28.3	27.8	28.7	29.1
8H	26.7	27.5	27.1	27.9	28.3	27.5	28.3	27.9	28.7	29.1
12H	26.7	27.5	27.2	27.9	28.4	27.5	28.3	28.0	28.7	29.2
8H 4H	26.5	27.3	26.9	27.7	28.1	27.2	28.0	27.7	28.4	28.9
6H	26.8	27.5	27.3	27.9	28.4	27.5	28.2	28.0	28.7	29.2
8H	26.9	27.5	27.4	28.0	28.5	27.7	28.3	28.2	28.7	29.3
12H	27.1	27.6	27.6	28.1	28.6	27.8	28.3	28.3	28.8	29.3
12H 4H	26.4	27.2	26.9	27.6	28.1	27.2	27.9	27.6	28.4	28.8
6H	26.8	27.4	27.3	27.9	28.4	27.5	28.1	28.1	28.6	29.1
8H	27.0	27.5	27.5	28.0	28.5	27.7	28.2	28.2	28.7	29.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.4				
2.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.5				

CIE Pub.117, 2365 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.0)
 Area: 0.008 m2

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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
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 Remarks:

UTILIZATION FACTORS TABLE

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MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

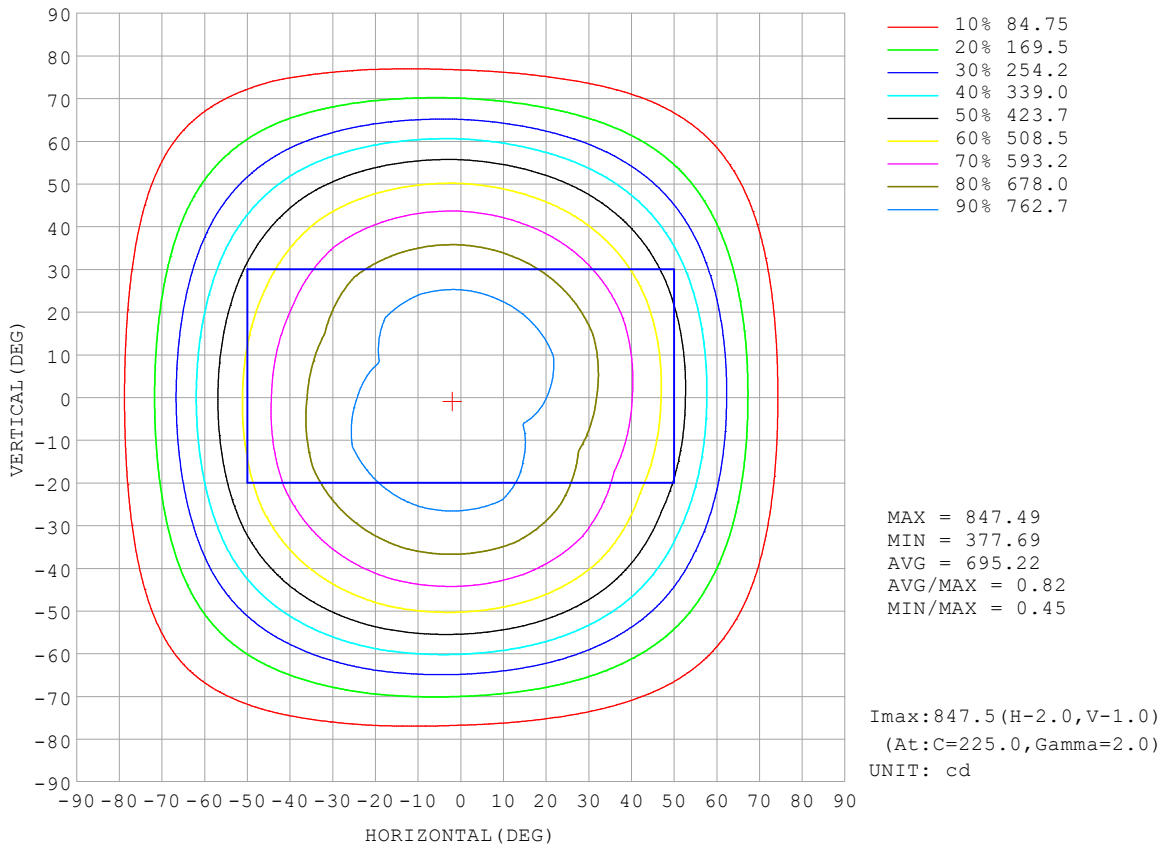
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	40	57	46	39	56	45	39	33
0.80	68	57	50	67	56	49	65	55	49	42
1.00	77	66	59	75	65	58	73	66	58	51
1.25	84	74	67	82	73	66	79	71	65	58
1.50	89	79	73	87	78	72	84	76	71	63
2.00	95	87	81	93	86	80	90	83	78	70
2.50	99	92	86	97	90	85	93	87	83	74
3.00	102	96	91	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	99	95	92	82
5.00	108	104	100	106	102	98	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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ISOCANDELA DIAGRAM

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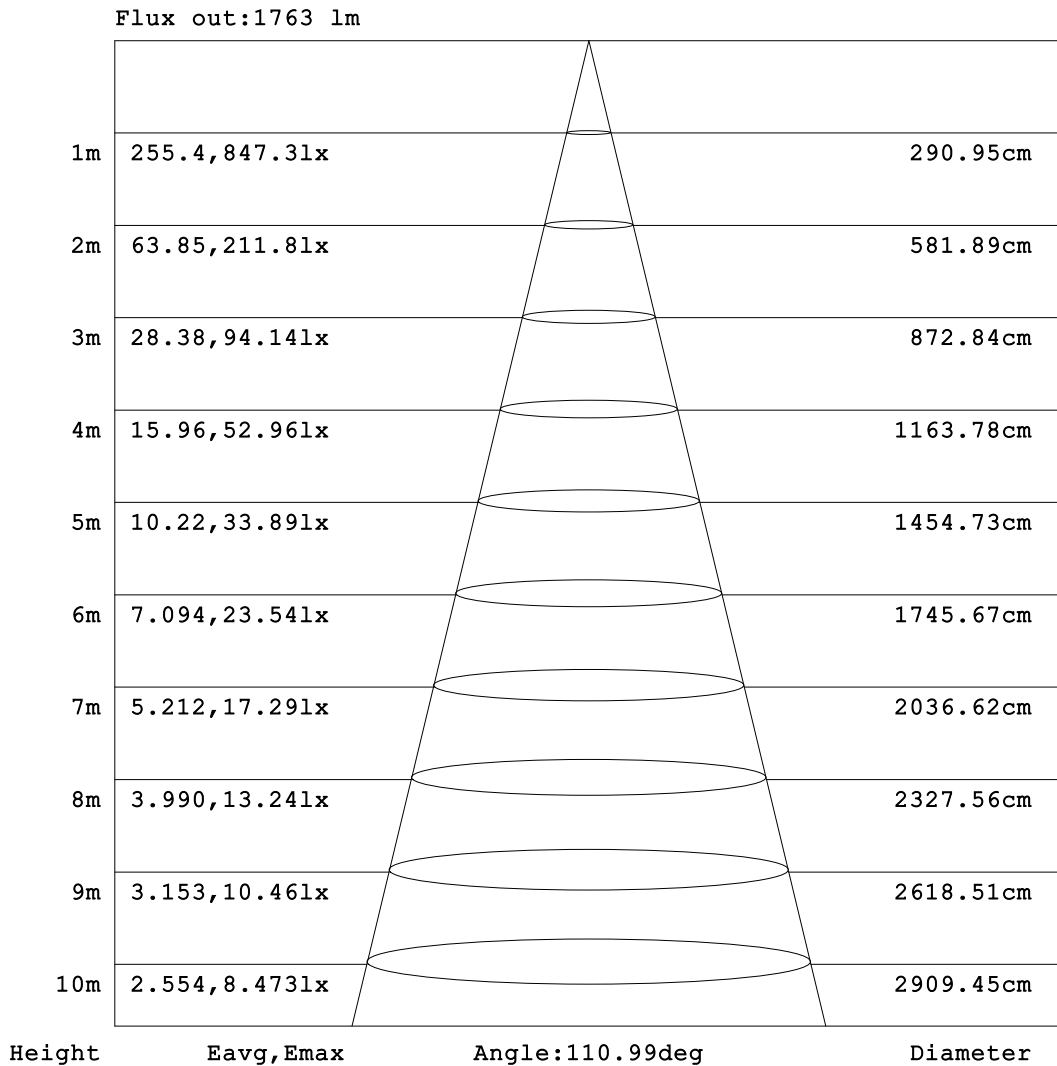


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 Remarks:

AAI Figure

Test:U:12.000V I:1.7400A P:20.880W PF:1.0024 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2364.54x1 lm		
NAME: 7131 2835 240LED. 4000K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:



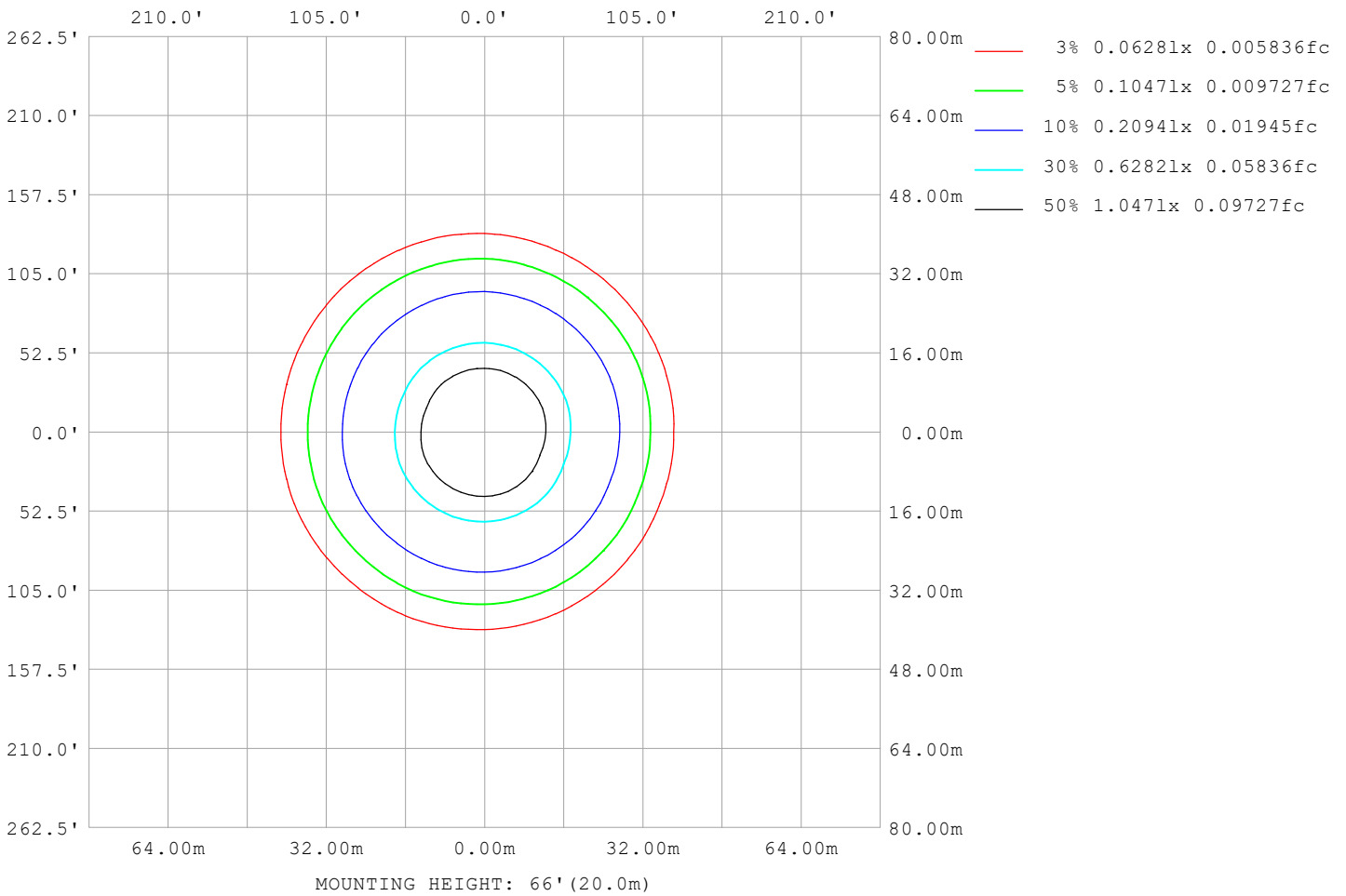
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:12.000V I:1.7400A P:20.880W PF:1.0024 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2364.54x1 lm		
NAME: 7131 2835 240LED. 4000K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:8.050m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:12.000V I:1.7400A P:20.880W PF:1.0024 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2364.54x1 lm		
NAME: 7131 2835 240LED. 4000K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

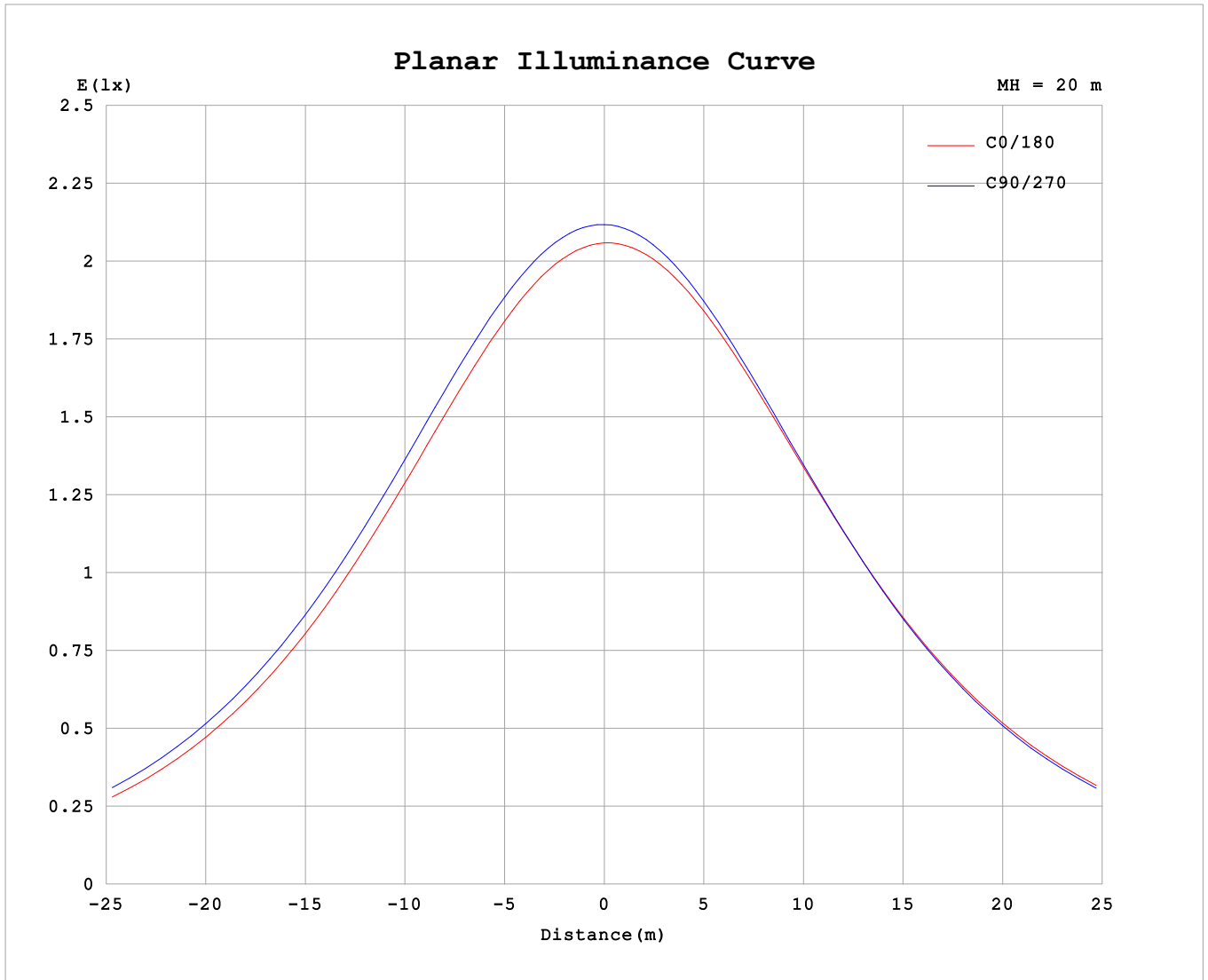
AvgL	cd/m2
L_0~180 (65) av	73613
L_0~180 (75) av	49679
L_0~180 (85) av	50999
L_90~270 (65) av	73945
L_90~270 (75) av	49164
L_90~270 (85) av	32025
L_45 (65) av	73970
L_45 (75) av	50683
L_45 (85) av	48568

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:8.050m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.000V I:1.7400A P:20.880W PF:1.0024 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2364.54x1 lm		
NAME: 7131 2835 240LED. 4000K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	834	834	834	834	834	834	834	834	834	834	834	834	834	834	834	834			
5	829	829	829	832	833	833	834	834	834	834	835	831	830	830	829	829			
10	817	817	819	823	824	826	827	827	827	829	830	822	820	818	818	817			
15	799	800	804	807	810	812	813	814	814	817	820	806	804	801	800	799			
20	774	776	783	785	789	792	794	794	794	800	805	785	782	778	775	774			
25	742	746	757	757	761	766	767	768	768	776	782	756	752	747	744	742			
30	703	710	723	721	726	732	734	735	735	745	751	721	717	711	706	703			
35	657	665	682	677	684	691	693	695	696	707	710	680	674	667	661	658			
40	603	613	632	626	634	641	644	647	648	662	661	631	625	615	609	604			
45	541	553	570	565	575	583	587	591	594	608	603	574	567	556	548	542			
50	471	482	497	494	505	516	520	527	530	545	536	510	502	489	478	472			
55	390	401	411	412	425	438	443	452	459	472	461	437	428	412	400	392			
60	300	310	318	323	337	350	357	369	378	389	377	354	343	326	312	303			
65	209	218	227	235	248	261	267	278	289	296	285	264	252	235	221	211			
70	132	141	149	157	168	179	184	191	199	204	196	179	168	154	144	135			
75	79.5	85.6	90.4	94.9	103	112	118	122	126	129	124	112	101	92.8	87.4	80.9			
80	46.9	50.2	51.0	50.9	54.7	63.3	69.6	73.2	75.3	77.6	74.4	63.4	53.3	50.4	50.3	47.3			
85	27.2	28.7	27.3	23.6	23.4	31.5	39.0	43.1	43.9	45.9	42.4	31.5	21.3	23.1	26.7	26.4			
90	18.1	18.2	14.1	7.78	3.22	10.7	19.4	24.4	24.4	25.4	21.3	10.9	1.32	5.76	11.8	14.8			
95	5.37	5.53	5.17	4.50	4.28	4.09	7.54	15.4	15.0	14.3	7.05	1.09	1.09	1.19	1.52	1.70			
100	6.62	6.73	6.42	6.00	5.81	5.47	5.23	5.17	1.45	1.46	1.55	1.49	1.68	1.76	1.93	1.93			
105	8.26	8.46	8.22	7.68	7.52	7.12	6.82	6.66	1.89	1.96	2.06	2.22	2.52	2.59	2.61	2.56			
110	10.1	10.40	10.09	9.40	9.34	8.88	8.61	8.44	2.58	2.68	2.89	3.18	3.66	3.63	3.59	3.49			
115	12.0	12.3	11.9	11.1	11.2	10.7	10.4	10.3	3.53	3.68	3.92	4.32	5.02	4.83	4.73	4.63			
120	13.7	14.1	13.5	12.7	12.9	12.4	12.1	12.1	4.63	4.80	5.10	5.58	6.46	6.17	5.97	5.83			
125	15.2	15.7	14.9	14.1	14.5	13.9	13.7	13.8	5.80	6.05	6.37	6.87	7.90	7.51	7.22	7.02			
130	16.5	17.1	16.1	15.4	15.9	15.1	15.1	15.2	6.97	7.35	7.64	8.14	9.26	8.75	8.42	8.17			
135	17.5	18.2	17.1	16.5	17.0	16.2	16.3	16.4	8.07	8.63	8.92	9.33	10.5	9.89	9.60	9.27			
140	18.3	19.1	18.0	17.4	18.1	17.2	17.3	17.4	9.10	9.87	10.18	10.5	11.7	10.9	10.7	10.3			
145	19.0	19.9	18.8	17.9	18.9	18.1	18.3	18.3	10.09	11.1	11.5	11.8	12.7	11.9	11.8	11.4			
150	19.4	20.4	19.5	18.6	19.6	19.2	19.1	19.1	11.1	12.3	12.7	13.2	13.7	13.0	12.9	12.5			
155	19.7	20.8	20.0	19.3	20.2	20.1	19.8	19.6	12.0	13.5	13.9	14.6	14.8	14.1	14.0	13.6			
160	19.8	21.0	20.4	19.7	20.7	20.8	20.5	20.0	13.2	14.7	15.2	16.1	16.1	15.4	15.3	14.8			
165	19.8	21.1	20.5	20.1	21.0	21.3	21.1	20.3	14.5	15.9	16.6	17.5	17.4	16.7	16.6	16.2			
170	19.9	21.0	20.6	20.8	21.2	21.5	21.3	20.4	16.5	17.5	18.0	19.0	18.8	18.2	18.0	17.6			
175	20.0	20.7	20.5	21.0	21.0	21.4	21.3	20.4	18.5	19.4	19.6	20.3	19.9	19.7	19.5	18.9			
180	19.9	20.9	20.8	21.2	21.0	21.1	21.1	20.3	19.9	20.9	20.8	21.2	21.0	21.1	21.1	20.3			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:8.050m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3
3.0	831.8	831.9	831.7	833.4	833.9	834.3	834.5	834.6	834.6	835.0
6.0	827.0	827.1	827.5	830.3	831.4	832.3	832.7	832.9	832.7	833.7
9.0	819.9	820.2	821.5	825.0	826.5	828.0	828.5	828.9	828.9	830.5
12.0	810.2	811.2	813.6	817.3	819.3	821.4	822.1	822.7	822.5	825.1
15.0	798.5	800.0	803.8	807.4	809.9	812.4	813.4	814.0	813.9	817.5
18.0	784.3	786.6	792.1	795.0	798.2	801.2	802.3	803.1	803.1	807.6
21.0	767.6	770.9	778.3	780.2	784.1	787.5	788.8	789.8	789.7	795.5
24.0	748.7	752.9	762.4	763.0	767.4	771.5	773.0	774.1	774.1	781.2
27.0	727.0	732.4	744.1	743.1	748.2	752.9	754.5	755.8	756.0	764.4
30.0	702.9	709.5	723.2	720.7	726.5	731.8	733.5	735.2	735.4	745.1
33.0	676.2	683.9	699.7	695.5	702.0	708.0	710.0	711.8	712.4	723.3
36.0	646.8	655.7	672.8	667.5	674.8	681.4	683.5	686.0	686.7	698.7
39.0	614.4	624.4	642.6	636.5	644.5	651.8	654.2	657.1	658.3	671.3
42.0	579.5	590.2	608.7	602.3	611.4	619.3	622.0	625.5	627.3	641.0
45.0	541.2	552.7	570.3	564.8	574.6	583.5	586.6	591.0	593.6	607.6
48.0	500.0	511.6	527.7	523.6	534.4	544.2	547.7	553.4	556.7	571.0
51.0	455.4	466.7	480.7	478.4	490.3	501.1	505.6	512.5	516.8	530.7
54.0	407.1	417.8	429.5	429.5	442.2	454.1	459.5	468.1	474.0	487.2
57.0	355.0	365.0	374.5	377.3	390.6	403.5	409.7	420.0	427.6	439.7
60.0	300.3	309.6	318.2	323.2	337.0	350.4	357.1	368.5	377.8	388.6
63.0	244.5	253.7	262.5	269.6	283.2	296.4	302.9	314.5	324.8	333.8
66.0	192.0	201.3	209.9	217.9	230.9	243.5	249.6	260.2	270.2	277.1
69.0	146.3	154.9	163.5	171.0	182.8	194.3	199.9	207.7	216.3	221.5
72.0	108.6	116.4	123.3	129.8	139.5	150.4	155.5	161.2	167.5	171.5
75.0	79.49	85.59	90.43	94.90	102.5	112.4	117.7	121.9	126.2	129.2
78.0	57.78	62.07	64.48	66.32	71.65	80.88	86.63	90.18	93.08	95.60
81.0	42.22	45.13	45.20	44.15	47.14	55.65	62.14	65.77	67.55	69.86
84.0	30.76	32.55	31.21	27.88	28.56	36.62	43.92	47.81	48.86	50.96
87.0	22.13	22.89	20.07	15.75	14.03	22.74	30.60	34.97	35.35	36.99
90.0	18.09	18.16	14.14	7.775	3.223	10.71	19.42	24.41	24.42	25.38
93.0	9.335	8.383	5.062	4.146	3.728	4.192	13.75	18.56	17.74	17.91
96.0	5.542	5.717	5.335	4.776	4.567	4.311	4.458	11.75	12.25	10.44
99.0	6.314	6.452	6.108	5.684	5.478	5.158	4.971	4.925	1.580	1.467
102.0	7.236	7.368	7.121	6.659	6.468	6.102	5.829	5.724	1.590	1.615
105.0	8.263	8.463	8.216	7.677	7.518	7.118	6.825	6.659	1.886	1.958
108.0	9.377	9.614	9.348	8.699	8.597	8.171	7.886	7.709	2.272	2.347
111.0	10.51	10.79	10.46	9.743	9.696	9.244	8.968	8.817	2.754	2.865
114.0	11.64	11.97	11.54	10.75	10.79	10.30	10.05	9.958	3.326	3.473
117.0	12.71	13.09	12.54	11.74	11.87	11.35	11.11	11.07	3.959	4.110
120.0	13.71	13.47	13.47	12.68	12.90	12.36	12.11	12.13	4.627	4.803
123.0	14.63	15.11	14.32	13.56	13.89	13.30	13.06	13.13	5.329	5.544
126.0	15.47	16.00	15.10	14.38	14.80	14.16	13.98	14.06	6.028	6.304
129.0	16.23	16.82	15.84	15.14	15.63	14.90	14.81	14.92	6.740	7.106
132.0	16.92	17.55	16.49	15.83	16.38	15.57	15.58	15.68	7.398	7.872
135.0	17.54	18.21	17.12	16.49	17.05	16.20	16.28	16.39	8.072	8.630
138.0	17.98	18.78	17.68	17.07	17.67	16.79	16.95	17.04	8.700	9.385
141.0	18.41	19.28	18.20	17.46	18.26	17.35	17.54	17.62	9.306	10.12
144.0	18.84	19.73	18.67	17.80	18.77	17.95	18.10	18.13	9.904	10.86
147.0	19.16	20.13	19.10	18.21	19.23	18.58	18.62	18.62	10.48	11.58
150.0	19.40	20.43	19.49	18.63	19.63	19.19	19.09	19.06	11.06	12.32
153.0	19.60	20.70	19.84	19.03	19.97	19.75	19.54	19.45	11.64	13.03
156.0	19.72	20.84	20.09	19.38	20.30	20.25	19.96	19.71	12.25	13.75
159.0	19.80	21.00	20.28	19.67	20.64	20.69	20.37	19.97	12.95	14.43
162.0	19.86	21.09	20.42	19.89	20.87	21.02	20.75	20.11	13.66	15.13
165.0	19.83	21.11	20.53	20.08	21.03	21.29	21.08	20.30	14.54	15.92
168.0	19.82	21.05	20.59	20.29	21.16	21.48	21.28	20.43	15.61	16.86
171.0	19.89	20.96	20.59	20.93	21.20	21.50	21.34	20.42	16.88	17.91
174.0	19.98	20.78	20.54	21.02	21.05	21.40	21.33	20.38	18.13	18.99
177.0	20.05	20.98	20.70	21.19	20.99	21.28	21.30	20.44	19.11	20.09
180.0	19.90	20.87	20.78	21.25	20.96	21.08	21.06	20.31	19.90	20.86
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	834.3	834.3	834.3	834.3	834.3	834.3				
3.0	835.1	833.1	832.7	832.2	832.0	831.9				
6.0	834.2	829.8	828.9	827.8	827.4	827.0				
9.0	831.6	824.2	822.8	821.2	820.5	819.9				
12.0	827.0	816.4	814.5	812.3	811.2	810.4				
15.0	820.4	806.4	804.0	801.2	799.8	798.5				
18.0	811.8	794.1	791.2	787.8	785.9	784.5				
21.0	800.6	779.5	776.2	772.1	769.7	767.9				
24.0	786.8	762.5	758.8	754.0	751.3	749.0				
27.0	770.3	743.2	738.9	733.5	730.1	727.6				
30.0	750.5	721.5	716.7	710.6	706.5	703.5				

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	727.6	697.3	692.1	685.1	680.4	676.8
36.0	701.4	670.5	664.8	657.0	651.5	647.5
39.0	671.6	641.1	635.1	626.2	619.8	615.4
42.0	638.8	609.0	602.6	592.7	585.4	580.5
45.0	603.1	574.2	567.3	556.5	547.9	542.4
48.0	564.2	536.6	529.1	517.0	507.3	501.3
51.0	522.1	495.9	487.9	474.5	463.4	456.8
54.0	477.1	452.2	443.3	428.6	416.2	408.9
57.0	428.7	404.8	395.2	378.7	365.6	357.2
60.0	376.8	353.8	343.2	325.5	311.8	302.6
63.0	322.0	300.1	288.7	270.6	256.3	247.0
66.0	265.7	245.8	234.0	217.3	204.4	194.3
69.0	212.2	194.9	183.1	168.8	157.7	148.2
72.0	164.4	149.8	138.7	127.2	118.7	110.3
75.0	124.2	111.5	101.1	92.80	87.41	80.92
78.0	91.96	80.55	70.38	65.33	63.17	58.72
81.0	66.75	55.83	45.77	43.87	44.75	42.47
84.0	47.63	36.79	26.67	27.56	30.76	30.06
87.0	33.23	22.32	11.57	15.22	19.03	20.19
90.0	21.26	10.93	1.319	5.757	11.81	14.84
93.0	12.96	2.814	0.9102	1.017	3.308	5.987
96.0	2.988	1.143	1.185	1.288	1.573	1.678
99.0	1.457	1.382	1.552	1.624	1.824	1.842
102.0	1.737	1.751	1.971	2.057	2.151	2.163
105.0	2.058	2.225	2.522	2.589	2.607	2.556
108.0	2.529	2.766	3.173	3.181	3.158	3.091
111.0	3.092	3.388	3.924	3.853	3.805	3.703
114.0	3.713	4.072	4.741	4.573	4.499	4.387
117.0	4.391	4.811	5.585	5.367	5.228	5.109
120.0	5.098	5.581	6.458	6.172	5.972	5.835
123.0	5.857	6.350	7.323	6.989	6.731	6.534
126.0	6.618	7.133	8.169	7.771	7.466	7.254
129.0	7.393	7.893	8.999	8.506	8.194	7.939
132.0	8.165	8.614	9.770	9.214	8.891	8.616
135.0	8.918	9.325	10.51	9.885	9.596	9.267
138.0	9.692	10.02	11.22	10.51	10.29	9.906
141.0	10.44	10.73	11.88	11.12	10.96	10.55
144.0	11.20	11.53	12.51	11.74	11.62	11.20
147.0	11.97	12.34	13.09	12.35	12.26	11.84
150.0	12.69	13.18	13.70	12.99	12.91	12.49
153.0	13.41	14.05	14.36	13.63	13.58	13.15
156.0	14.13	14.94	15.05	14.36	14.30	13.83
159.0	14.91	15.80	15.81	15.12	15.03	14.54
162.0	15.71	16.67	16.62	15.90	15.81	15.31
165.0	16.57	17.50	17.41	16.73	16.62	16.15
168.0	17.44	18.39	18.25	17.56	17.45	17.08
171.0	18.33	19.32	19.02	18.46	18.31	17.91
174.0	19.31	20.08	19.70	19.38	19.21	18.67
177.0	20.15	20.70	20.33	20.25	20.13	19.47
180.0	20.77	21.25	20.96	21.08	21.06	20.31

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.0000]
 Remarks: