

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

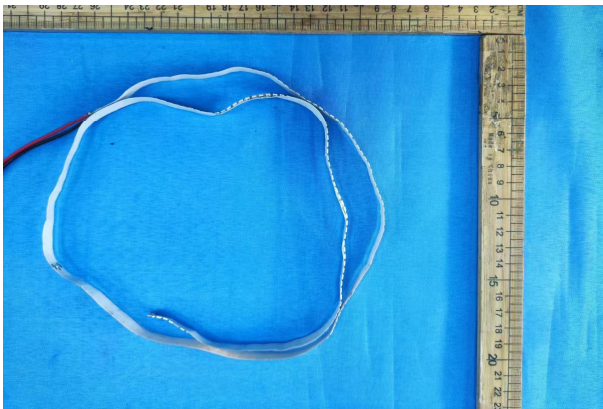
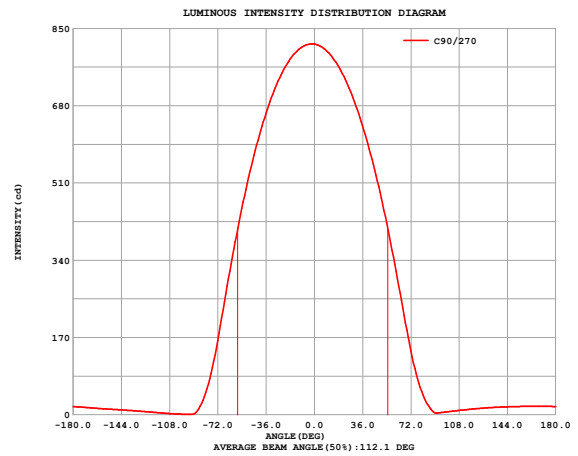
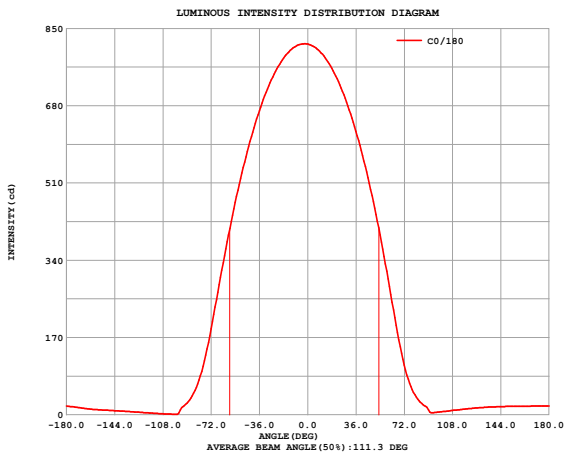
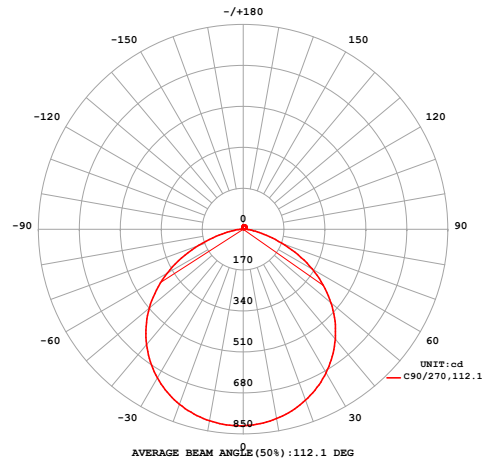
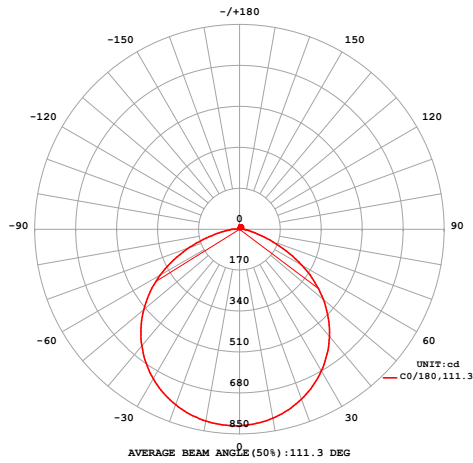


Fig. C0/C180

Fig. C90/C270

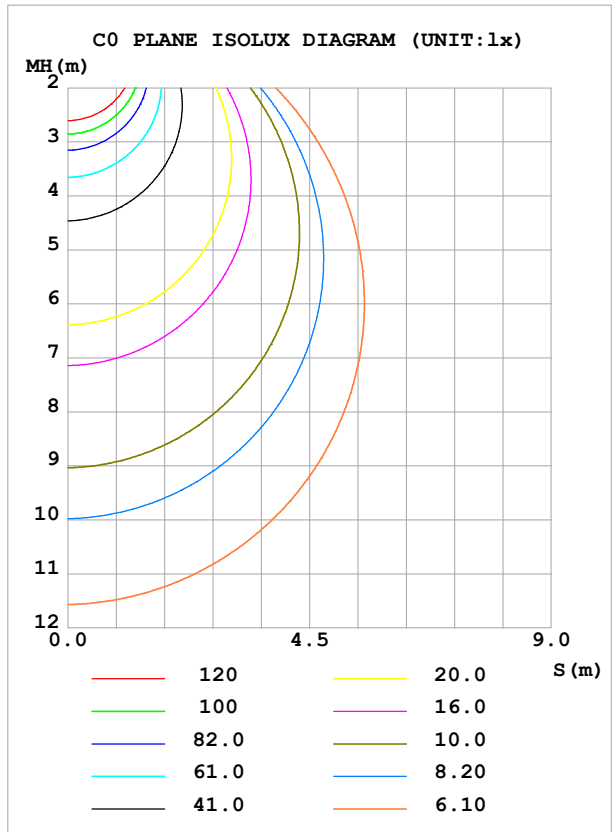
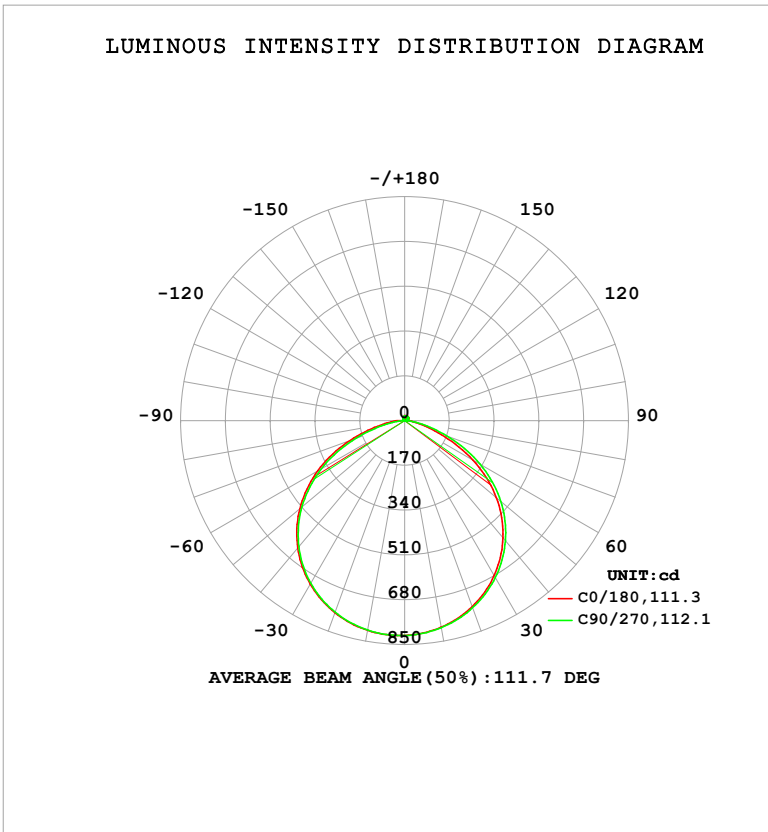
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-08-21

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:1.7700A P:21.240W PF:1.0019 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2319.28x1 lm		
NAME: 7129 2835 240LED. 2700K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	816.6	S/MH (C0/180)	1.30
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	2319.3	η UP, DN (C0-180)	1.7,47.3
NOMINAL FLUX (lm)	2319.28	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.9,50.1
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	12	η down (%)	97.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
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 Operators:DAMIN
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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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	796.4	795.6	798.3	803.1	808.6	809.9	807.4	802.2	0- 10	77.24	77.24	3.33,3.33
20	751.1	749.8	755.9	765.3	775.7	778.2	773.4	762.8	10- 20	222.1	299.3	12.9,12.9
30	679.5	678.0	688.3	701.5	716.8	719.8	712.9	696.5	20- 30	338.7	638.1	27.5,27.5
40	581.2	579.8	595.5	612.0	631.6	633.8	624.9	602.1	30- 40	410.7	1049	45.2,45.2
50	454.5	454.2	476.1	495.9	519.5	519.7	508.9	479.3	40- 50	424.8	1473	63.5,63.5
60	298.8	302.8	331.3	355.1	380.4	379.1	364.7	329.6	50- 60	372.9	1846	79.6,79.6
70	135.8	142.4	170.6	198.1	220.7	219.0	197.0	163.6	60- 70	257.9	2104	90.7,90.7
80	43.86	45.15	51.69	73.26	85.63	82.43	57.65	51.21	70- 80	120.3	2225	95.9,95.9
90	10.85	7.948	3.690	20.17	25.78	20.09	1.421	9.240	80- 90	35.52	2260	97.5,97.5
100	6.720	7.044	6.732	5.658	1.260	1.197	1.419	1.593	90-100	6.114	2266	97.7,97.7
110	10.21	10.53	10.22	8.998	2.539	2.454	3.082	3.114	100-110	5.362	2272	97.9,97.9
120	13.45	13.37	13.25	12.02	4.454	4.291	5.487	5.065	110-120	7.526	2279	98.3,98.3
130	15.97	15.40	15.56	14.48	6.515	6.362	7.955	7.130	120-130	8.942	2288	98.7,98.7
140	17.55	16.81	17.10	16.25	8.361	8.382	10.04	9.264	130-140	9.265	2297	99.1,99.1
150	18.49	17.79	18.09	17.59	10.05	10.46	11.81	11.32	140-150	8.556	2306	99.4,99.4
160	18.77	18.38	18.67	18.78	11.97	12.73	13.69	13.68	150-160	6.986	2313	99.7,99.7
170	19.14	18.38	18.69	19.20	15.56	15.32	16.07	16.20	160-170	4.682	2318	99.9,99.9
180	19.26	17.94	18.20	18.80	19.26	17.95	18.20	18.80	170-180	1.696	2319	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1263.3 lm

%lum = 54.5%

%lamp = 54.5%

Conical surface Flux(120deg): 1846.4 lm

%lum = 79.6%

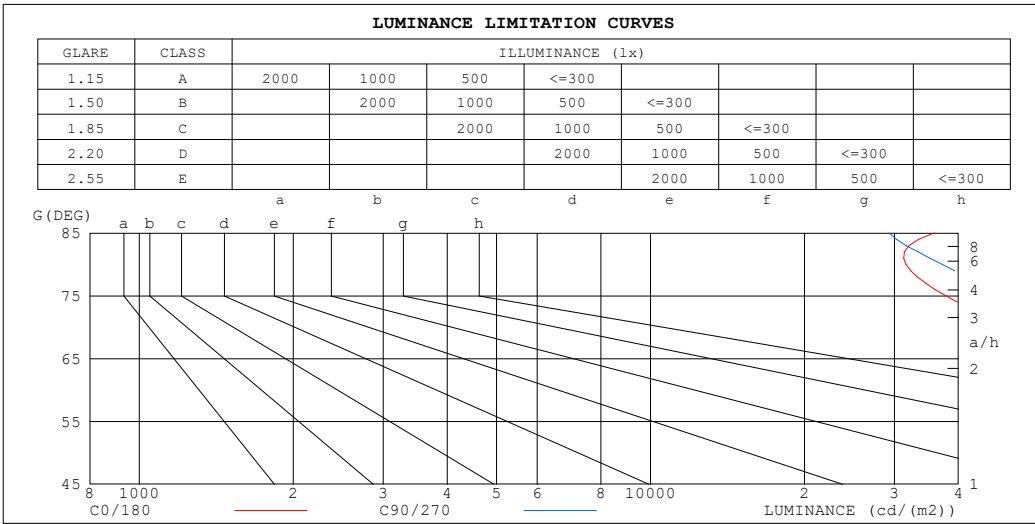
%lamp = 79.6%

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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:1.7700A P:21.240W PF:1.0019 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2319.28x1 lm		
NAME: 7129 2835 240LED. 2700K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	35897	29294
80	31596	37202
75	37848	49057
70	49686	62330
65	63228	74267
60	74757	82796
55	82918	88603
50	88462	92557
45	92261	95269

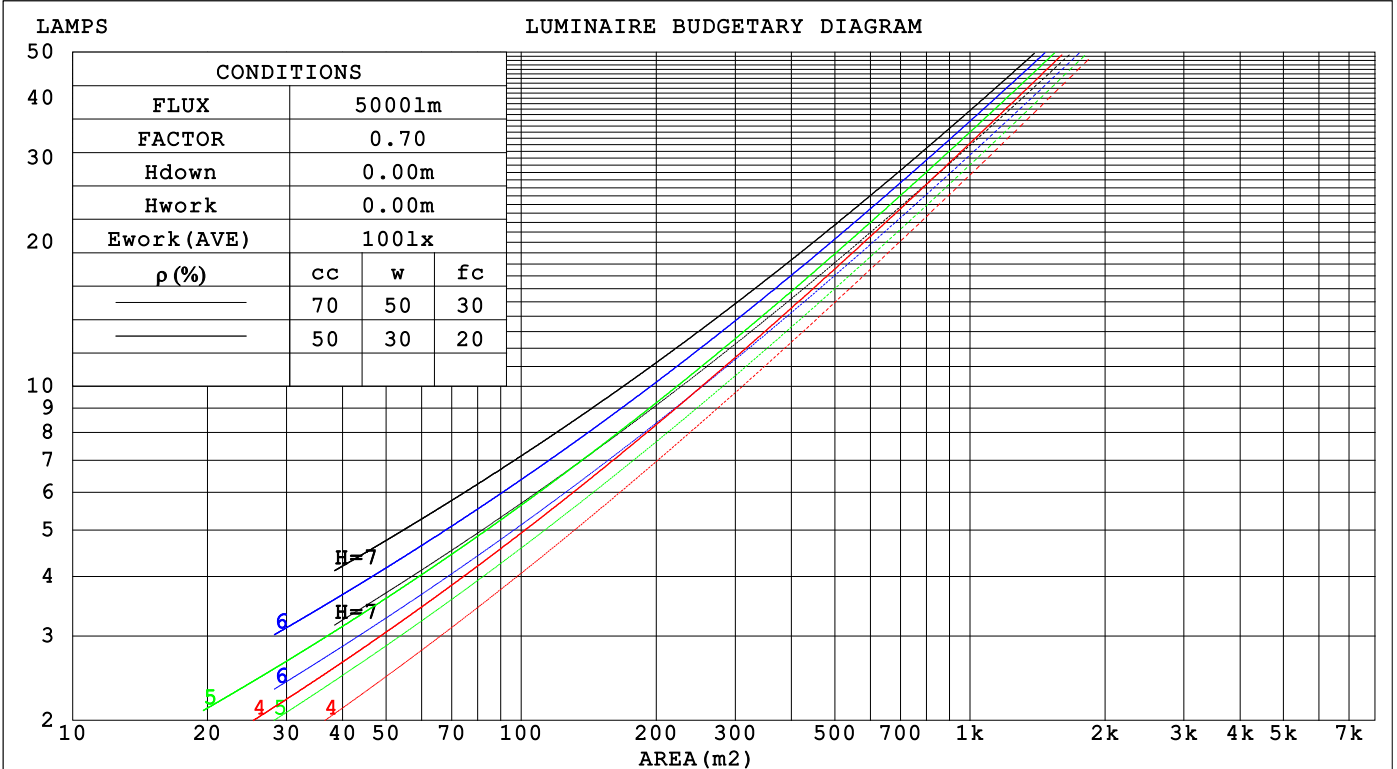
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 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:2319.28x1 lm		
NAME: 7129 2835 240LED. 2700K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.82
2.0	.91	.84	.79	.89	.83	.78	.85	.80	.76	.81	.77	.73	.78	.75	.71	.69
3.0	.80	.72	.66	.78	.71	.65	.75	.69	.64	.72	.67	.62	.69	.65	.61	.59
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.64	.55	.48	.62	.54	.48	.60	.53	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.52	.46	.41	.50	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.47	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.33	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.36	.30	.26	.24



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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:1.7700A P:21.240W PF:1.0019 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2319.28x1 lm		
NAME: 7129 2835 240LED. 2700K 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	.295	.168	.053	.287	.164	.052	.273	.156	.050	.259	.149	.048	.247	.143	.046	
2.0	.280	.153	.047	.273	.150	.046	.260	.145	.045	.248	.139	.044	.237	.134	.042	
3.0	.261	.139	.042	.255	.137	.041	.243	.132	.040	.233	.128	.039	.223	.123	.038	
4.0	.242	.126	.037	.237	.124	.037	.227	.120	.036	.217	.117	.035	.208	.113	.034	
5.0	.225	.115	.033	.220	.113	.033	.211	.110	.032	.202	.107	.032	.194	.104	.031	
6.0	.209	.105	.030	.205	.104	.030	.197	.101	.029	.189	.098	.029	.182	.096	.028	
7.0	.195	.097	.027	.191	.095	.027	.184	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.183	.089	.025	.179	.088	.025	.173	.086	.025	.166	.084	.024	.160	.082	.024	
9.0	.172	.083	.023	.168	.082	.023	.162	.080	.023	.157	.079	.022	.151	.077	.022	
10.0	.161	.077	.021	.159	.077	.021	.153	.075	.021	.148	.073	.021	.143	.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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.199	.176	.155	.170	.151	.133	.116	.104	.092	.067	.060	.054	.021	.019	.017	
2.0	.190	.152	.119	.163	.131	.103	.112	.090	.072	.064	.053	.042	.021	.017	.014	
3.0	.183	.134	.095	.157	.116	.083	.107	.080	.058	.062	.047	.034	.020	.015	.011	
4.0	.175	.121	.079	.150	.104	.069	.103	.073	.048	.060	.043	.029	.019	.014	.009	
5.0	.168	.110	.068	.144	.095	.059	.099	.067	.042	.058	.039	.025	.019	.013	.008	
6.0	.161	.102	.060	.138	.088	.052	.095	.062	.037	.055	.036	.022	.018	.012	.007	
7.0	.154	.095	.054	.133	.082	.047	.092	.058	.033	.053	.034	.020	.017	.011	.007	
8.0	.148	.089	.049	.127	.078	.043	.088	.054	.030	.051	.032	.018	.017	.011	.006	
9.0	.142	.084	.046	.122	.073	.040	.085	.052	.028	.049	.030	.017	.016	.010	.006	
10.0	.136	.080	.043	.118	.070	.037	.082	.049	.027	.048	.029	.016	.015	.010	.005	

C Range: 0 - 360DEG
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 Test Speed: HIGH
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:1.7700A P:21.240W PF:1.0019 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2319.28x1 lm										
NAME: 7129 2835 240LED. 2700K 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	26.2	25.0	26.4	26.7	25.1	26.6	25.4	26.8	27.1
3H	25.6	26.9	25.9	27.2	27.5	26.2	27.5	26.5	27.8	28.1
4H	25.8	27.0	26.1	27.3	27.6	26.5	27.7	26.8	28.0	28.4
6H	25.9	27.1	26.2	27.4	27.7	26.6	27.8	27.0	28.1	28.5
8H	25.9	27.0	26.3	27.4	27.7	26.6	27.8	27.0	28.1	28.5
12H	25.9	27.0	26.3	27.4	27.7	26.6	27.8	27.0	28.1	28.4
4H 2H	25.2	26.4	25.5	26.7	27.0	25.5	26.7	25.8	27.0	27.3
3H	26.1	27.2	26.5	27.6	27.9	26.7	27.8	27.1	28.1	28.5
4H	26.4	27.4	26.8	27.8	28.2	27.1	28.1	27.5	28.4	28.8
6H	26.6	27.5	27.0	27.9	28.3	27.3	28.2	27.7	28.6	29.0
8H	26.6	27.5	27.1	27.9	28.3	27.3	28.2	27.8	28.6	29.0
12H	26.7	27.5	27.2	27.9	28.4	27.4	28.1	27.8	28.6	29.0
8H 4H	26.5	27.3	26.9	27.7	28.2	27.1	27.9	27.5	28.3	28.8
6H	26.8	27.4	27.2	27.9	28.4	27.4	28.1	27.9	28.5	29.0
8H	26.9	27.5	27.4	28.0	28.5	27.5	28.1	28.0	28.6	29.1
12H	27.0	27.5	27.5	28.0	28.6	27.6	28.1	28.1	28.6	29.1
12H 4H	26.5	27.2	26.9	27.7	28.1	27.1	27.8	27.5	28.3	28.7
6H	26.8	27.4	27.3	27.8	28.4	27.4	28.0	27.9	28.5	29.0
8H	26.9	27.4	27.4	27.9	28.5	27.5	28.1	28.1	28.5	29.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.5 / - 0.4					+ 0.5 / - 0.5				

CIE Pub.117, 2319 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.9)
 Area: 0.008 m2

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Temperature:25.3°C	Humidity:65.0%
Operators:DAMIN	Test Distance:8.050m [K=1.0000]
Test Date:2024-08-21	Remarks:

UTILIZATION FACTORS TABLE

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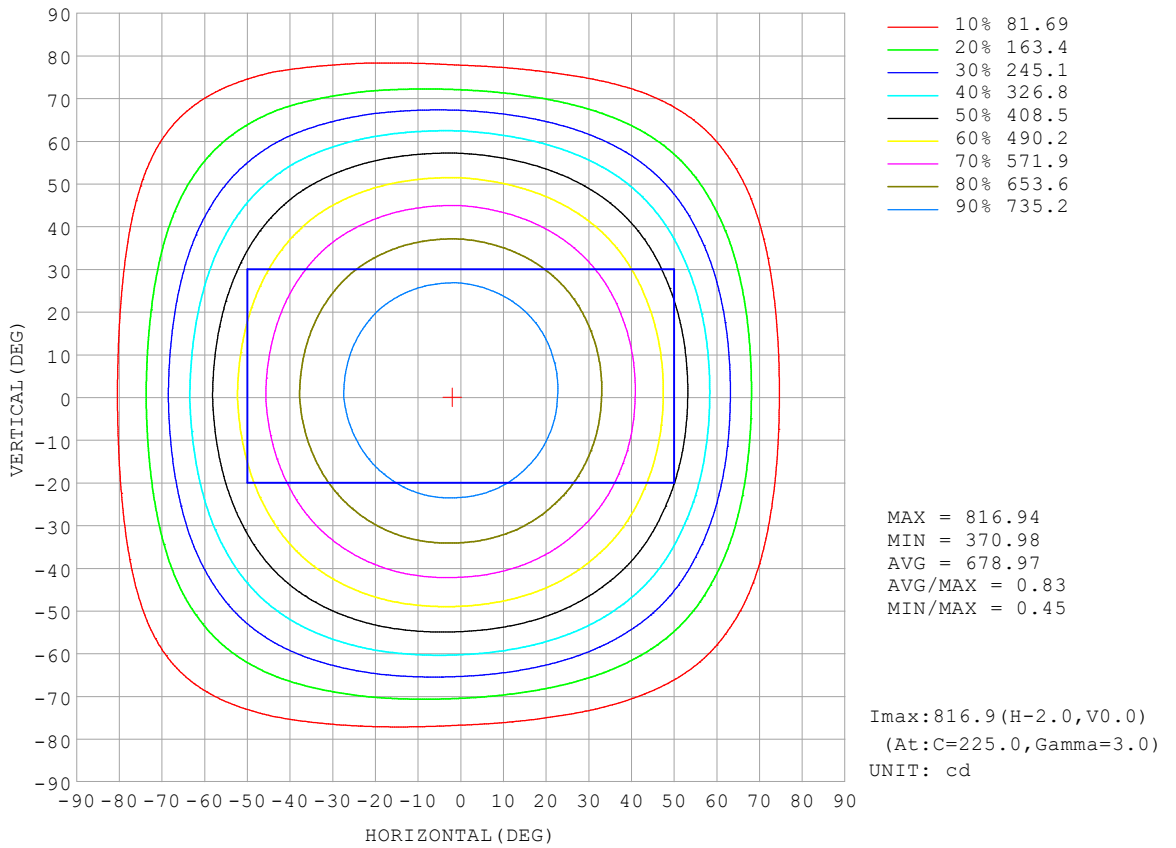
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	55	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	66	79	71	65	57
1.50	88	79	72	87	78	71	83	76	70	62
2.00	95	87	81	93	86	80	89	83	78	70
2.50	99	91	86	97	90	85	93	87	82	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	99	95	91	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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MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

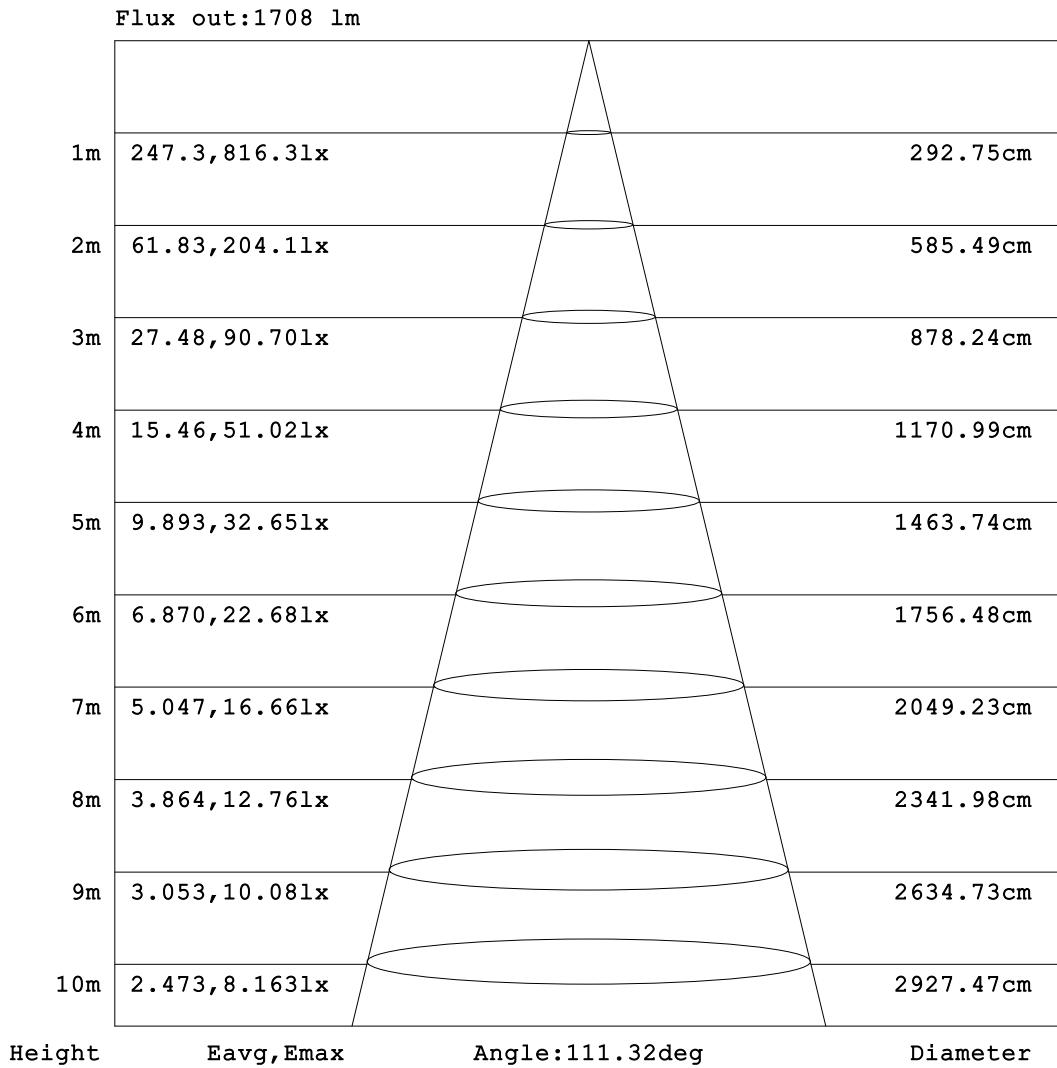


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-08-21

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:

AAI Figure

Test:U:12.000V I:1.7700A P:21.240W PF:1.0019 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2319.28x1 lm		
NAME: 7129 2835 240LED. 2700K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:



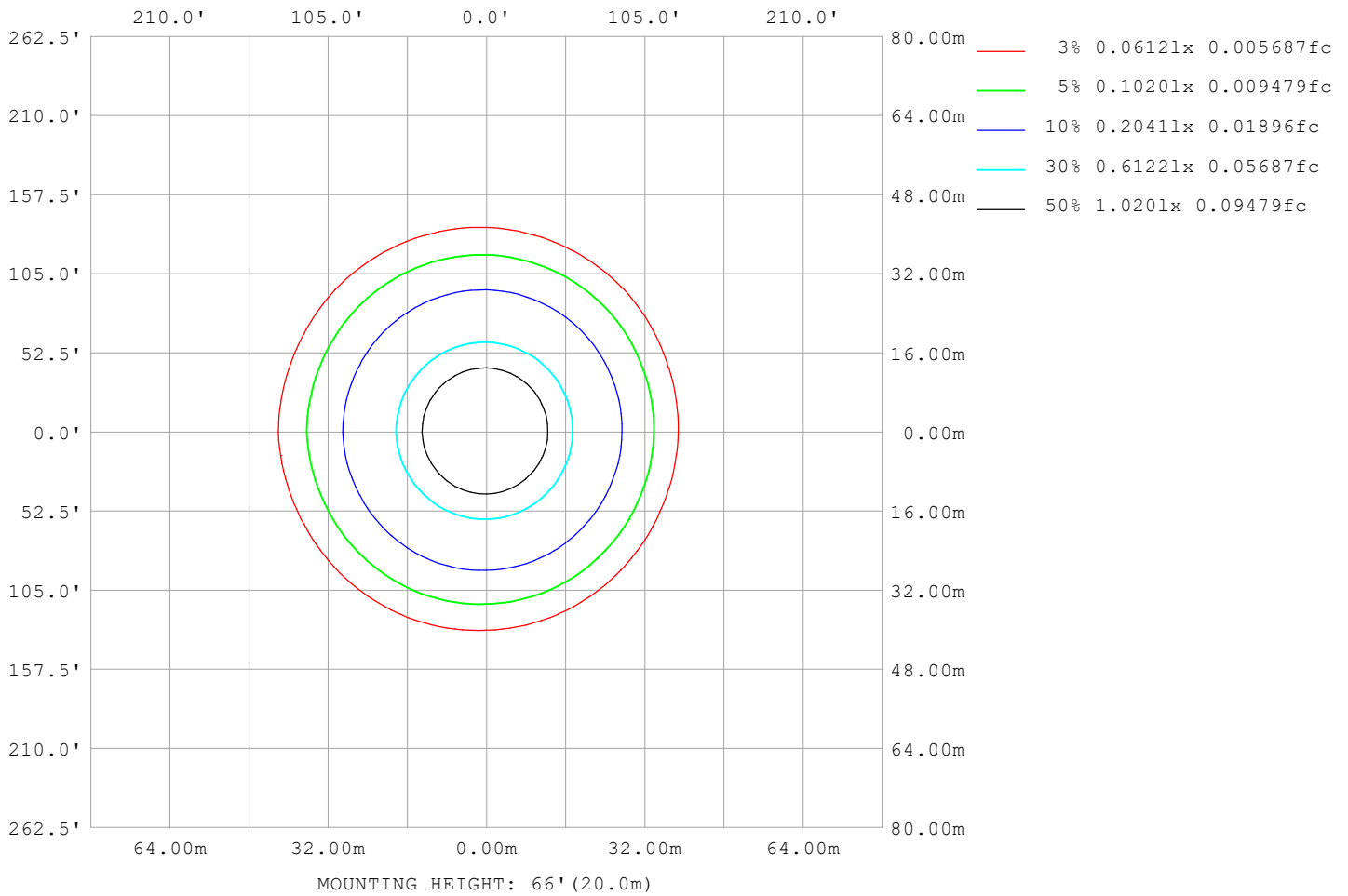
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1.7700A P:21.240W PF:1.0019 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2319.28x1 lm		
NAME: 7129 2835 240LED. 2700K 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:1.7700A P:21.240W PF:1.0019 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2319.28x1 lm		
NAME: 7129 2835 240LED. 2700K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

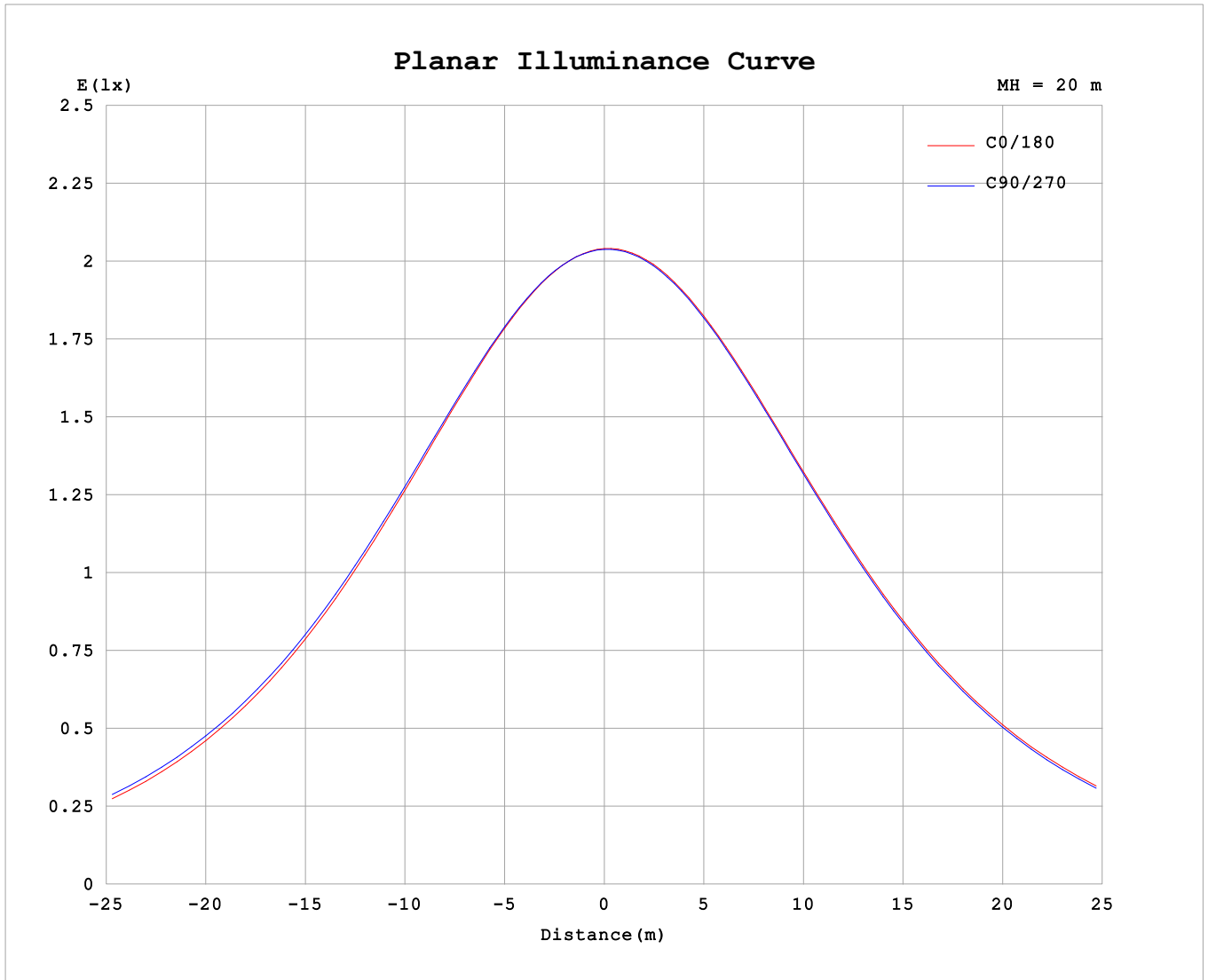
AvgL	cd/m2
L_0~180 (65) av	76277
L_0~180 (75) av	53833
L_0~180 (85) av	52055
L_90~270 (65) av	79040
L_90~270 (75) av	52935
L_90~270 (85) av	28521
L_45 (65) av	77256
L_45 (75) av	54125
L_45 (85) av	46678

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:1.7700A P:21.240W PF:1.0019 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2319.28x1 lm		
NAME: 7129 2835 240LED. 2700K 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	816	816	816	816	816	816	816	816	816	816	816	816	816	816	816	816			
5	809	809	809	809	810	811	812	814	815	816	816	815	815	813	812	811			
10	796	796	796	797	798	801	803	806	809	810	810	809	807	805	802	799			
15	777	776	776	778	780	784	787	792	796	797	797	796	794	790	786	781			
20	751	750	750	753	756	761	765	771	776	778	778	776	773	768	763	757			
25	719	717	717	721	725	731	737	743	749	752	752	750	747	740	733	726			
30	680	678	678	683	688	696	702	709	717	719	720	717	713	705	697	687			
35	634	631	632	639	645	653	660	669	677	680	680	677	672	663	653	642			
40	581	578	580	588	595	605	612	621	632	633	634	631	625	614	602	590			
45	521	517	520	530	539	550	557	567	579	580	580	577	571	558	544	531			
50	455	450	454	466	476	488	496	506	520	519	520	516	509	495	479	463			
55	380	375	382	395	407	420	428	438	453	451	452	448	440	424	408	389			
60	299	294	303	318	331	346	355	364	380	377	379	374	365	348	330	309			
65	214	210	220	236	251	267	277	286	302	298	301	294	283	265	246	224			
70	136	133	142	156	171	187	198	206	221	217	219	212	197	180	164	144			
75	78.3	77.4	83.0	91.1	102	116	127	133	145	142	142	134	118	106	96.1	83.7			
80	43.9	43.4	45.1	46.9	51.7	63.3	73.3	78.9	85.6	83.5	82.4	72.6	57.7	50.9	51.2	46.0			
85	25.0	24.6	23.4	20.5	20.4	29.4	39.2	44.6	47.6	46.2	43.0	32.3	19.3	20.2	24.6	24.3			
90	10.9	10.4	7.95	5.68	3.69	11.4	20.2	25.3	25.8	24.6	20.1	9.93	1.42	4.65	9.24	9.94			
95	5.15	5.30	5.39	5.35	5.08	4.65	4.37	8.12	10.7	7.16	1.26	0.86	0.97	0.99	1.14	1.15			
100	6.72	6.89	7.04	6.99	6.73	6.22	5.66	5.16	1.26	1.17	1.20	1.26	1.42	1.47	1.59	1.65			
105	8.44	8.65	8.81	8.69	8.49	7.90	7.29	6.72	1.80	1.67	1.73	1.87	2.12	2.17	2.27	2.34			
110	10.2	10.4	10.5	10.3	10.2	9.58	9.00	8.41	2.54	2.37	2.45	2.69	3.08	3.06	3.11	3.16			
115	11.9	12.1	12.1	11.8	11.8	11.1	10.6	10.1	3.45	3.21	3.33	3.65	4.25	4.09	4.07	4.12			
120	13.5	13.6	13.4	13.1	13.2	12.5	12.0	11.7	4.45	4.17	4.29	4.70	5.49	5.20	5.06	5.11			
125	14.8	15.0	14.5	14.3	14.5	13.7	13.3	13.0	5.50	5.20	5.32	5.77	6.73	6.31	6.09	6.08			
130	16.0	16.1	15.4	15.3	15.6	14.6	14.5	14.2	6.51	6.25	6.36	6.82	7.96	7.40	7.13	7.04			
135	16.9	17.0	16.2	16.1	16.4	15.3	15.4	15.2	7.47	7.29	7.37	7.81	9.05	8.46	8.17	7.97			
140	17.6	17.7	16.8	16.6	17.1	16.1	16.2	16.0	8.36	8.30	8.38	8.84	10.0	9.44	9.26	8.94			
145	18.1	18.2	17.4	17.0	17.7	16.9	17.0	16.8	9.23	9.32	9.43	10.1	11.0	10.5	10.3	9.94			
150	18.5	18.6	17.8	17.5	18.1	17.6	17.6	17.4	10.1	10.3	10.5	11.3	11.8	11.4	11.3	10.9			
155	18.8	18.9	18.1	18.0	18.4	18.3	18.2	17.8	10.9	11.3	11.5	12.5	12.7	12.3	12.4	12.0			
160	18.8	19.1	18.4	18.3	18.7	18.8	18.8	18.1	12.0	12.4	12.7	13.7	13.7	13.4	13.7	13.2			
165	18.9	19.2	18.5	18.4	18.8	19.0	19.1	18.5	13.6	13.7	14.0	15.0	14.8	14.5	14.9	14.7			
170	19.1	19.1	18.4	18.8	18.7	19.0	19.2	18.5	15.6	15.2	15.3	16.4	16.1	15.8	16.2	16.2			
175	19.3	18.6	18.1	18.8	18.4	18.6	19.0	18.4	17.7	16.8	16.7	17.6	17.1	17.2	17.6	17.4			
180	19.3	18.4	17.9	18.7	18.2	18.4	18.8	18.4	19.3	18.4	17.9	18.7	18.2	18.4	18.8	18.4			

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	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5
3.0	812.5	812.3	812.3	812.6	813.0	813.8	814.5	815.4	816.2	816.5
6.0	807.2	806.7	806.7	807.3	808.3	809.8	811.2	812.9	814.5	815.0
9.0	799.5	798.8	798.7	799.9	801.2	803.5	805.5	808.1	810.4	811.3
12.0	789.5	788.7	788.5	790.1	791.9	794.9	797.6	800.9	804.1	805.2
15.0	777.1	776.0	776.0	778.0	780.3	784.1	787.4	791.6	795.5	796.7
18.0	762.3	761.1	761.0	763.6	766.4	770.9	774.8	779.8	784.5	786.0
21.0	745.2	743.9	743.9	746.9	750.3	755.5	760.0	765.6	771.1	772.9
24.0	725.6	724.1	724.3	727.9	731.9	737.9	743.0	749.2	755.3	757.3
27.0	703.7	702.0	702.3	706.7	711.2	717.8	723.4	730.4	737.2	739.3
30.0	679.5	677.6	678.0	683.2	688.3	695.6	701.5	709.3	716.8	719.0
33.0	652.8	650.5	651.3	657.3	663.1	671.1	677.5	685.6	694.0	696.1
36.0	623.7	621.2	622.1	629.1	635.6	644.3	650.8	659.6	668.8	670.7
39.0	592.3	589.2	590.8	598.6	605.6	615.0	622.0	631.2	641.3	642.9
42.0	558.2	554.6	556.7	565.7	573.5	583.8	591.0	600.2	611.4	612.6
45.0	521.5	517.4	520.3	530.5	539.1	549.9	557.2	566.9	579.0	579.6
48.0	482.2	477.7	481.6	492.7	502.1	513.7	521.3	531.0	544.2	544.1
51.0	440.2	435.3	440.4	452.5	462.9	475.0	483.0	492.5	506.8	505.8
54.0	395.6	390.6	396.7	410.0	421.2	434.2	442.5	451.6	466.9	465.2
57.0	348.4	343.3	351.0	365.2	377.3	391.2	399.6	408.6	424.8	422.1
60.0	298.8	294.3	302.8	318.2	331.3	346.2	355.1	363.8	380.4	377.0
63.0	247.7	243.3	253.4	269.3	283.6	299.3	308.9	317.2	334.1	330.0
66.0	196.9	193.3	203.7	219.5	234.6	251.1	261.5	269.4	286.2	281.5
69.0	149.7	147.1	157.1	171.3	186.4	203.0	213.9	221.2	236.8	232.8
72.0	109.6	107.9	116.0	127.7	141.5	157.1	168.1	175.2	189.0	185.2
75.0	78.30	77.35	83.03	91.15	101.6	116.1	126.8	133.2	144.6	141.9
78.0	55.32	54.69	57.97	62.18	69.24	81.94	92.19	98.15	106.7	104.2
81.0	39.10	38.68	39.71	40.35	44.05	54.99	64.96	70.50	76.36	74.44
84.0	27.91	27.46	26.75	24.55	25.34	34.73	44.62	50.00	53.69	52.22
87.0	20.25	19.72	17.80	13.93	12.35	20.49	29.98	35.39	37.25	36.02
90.0	10.85	10.37	7.948	5.678	3.690	11.39	20.17	25.33	25.78	24.63
93.0	4.628	4.768	4.868	4.726	4.444	4.239	11.51	18.51	17.72	16.33
96.0	5.453	5.584	5.712	5.660	5.399	4.938	4.544	4.730	4.039	2.139
99.0	6.386	6.548	6.694	6.641	6.394	5.887	5.351	4.878	1.188	1.097
102.0	7.402	7.593	7.753	7.675	7.435	6.886	6.301	5.757	1.448	1.348
105.0	8.444	8.645	8.812	8.693	8.490	7.899	7.295	6.718	1.797	1.671
108.0	9.511	9.711	9.861	9.677	9.532	8.915	8.319	7.741	2.222	2.064
111.0	10.56	10.78	10.86	10.62	10.56	9.902	9.324	8.756	2.709	2.516
114.0	11.57	11.80	11.79	11.52	11.52	10.84	10.28	9.772	3.245	3.036
117.0	12.55	12.76	12.63	12.36	12.41	11.73	11.17	10.75	3.841	3.586
120.0	13.45	13.64	13.37	13.14	13.25	12.55	12.02	11.66	4.454	4.169
123.0	14.29	14.45	14.05	13.86	14.02	13.28	12.83	12.50	5.074	4.780
126.0	15.05	15.18	14.68	14.54	14.72	13.89	13.59	13.26	5.703	5.412
129.0	15.75	15.85	15.22	15.16	15.36	14.41	14.27	13.97	6.318	6.045
132.0	16.37	16.43	15.73	15.68	15.92	14.87	14.88	14.62	6.889	6.664
135.0	16.95	16.96	16.18	16.13	16.41	15.32	15.43	15.17	7.470	7.288
138.0	17.31	17.41	16.57	16.45	16.83	15.75	15.94	15.71	8.008	7.906
141.0	17.68	17.79	16.92	16.63	17.22	16.23	16.40	16.19	8.545	8.504
144.0	18.05	18.13	17.26	16.85	17.56	16.70	16.83	16.62	9.057	9.128
147.0	18.31	18.42	17.53	17.18	17.85	17.20	17.22	17.01	9.561	9.708
150.0	18.49	18.64	17.79	17.54	18.09	17.64	17.59	17.36	10.05	10.30
153.0	18.67	18.83	18.02	17.84	18.28	18.04	17.94	17.67	10.55	10.91
156.0	18.74	18.94	18.16	18.09	18.46	18.38	18.34	17.89	11.09	11.52
159.0	18.76	19.04	18.34	18.26	18.64	18.68	18.68	18.07	11.74	12.11
162.0	18.80	19.09	18.45	18.34	18.75	18.88	18.95	18.29	12.53	12.88
165.0	18.92	19.20	18.51	18.39	18.77	19.02	19.14	18.47	13.56	13.69
168.0	19.07	19.17	18.49	18.44	18.72	19.02	19.21	18.52	14.73	14.57
171.0	19.17	19.00	18.32	18.94	18.67	18.90	19.19	18.54	15.98	15.50
174.0	19.24	18.71	18.12	18.87	18.46	18.69	19.09	18.45	17.28	16.51
177.0	19.58	18.77	18.14	18.83	18.33	18.52	18.95	18.43	18.31	17.48
180.0	19.26	18.41	17.94	18.71	18.20	18.35	18.80	18.41	19.26	18.40
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	815.5	815.5	815.5	815.5	815.5	815.5				
3.0	816.6	816.2	815.8	815.0	814.2	813.4				
6.0	815.2	814.6	813.7	812.2	810.6	808.9				
9.0	811.7	810.7	809.4	807.0	804.7	802.1				
12.0	805.6	804.4	802.6	799.6	796.4	793.0				
15.0	797.3	796.0	793.8	789.8	785.8	781.4				
18.0	786.7	785.0	782.4	777.6	772.8	767.4				
21.0	773.6	771.5	768.6	763.0	757.4	751.0				
24.0	758.1	755.7	752.4	746.1	739.6	732.4				
27.0	740.2	737.6	733.9	726.6	719.4	711.1				
30.0	719.8	717.1	712.9	704.8	696.5	687.5				

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	696.9	694.0	689.4	680.5	671.2	661.3
36.0	671.6	668.5	663.5	653.6	643.3	632.5
39.0	643.7	640.5	635.0	624.3	612.8	601.2
42.0	613.2	609.9	604.1	592.5	579.8	567.3
45.0	580.4	576.9	570.6	557.9	544.4	530.6
48.0	544.9	541.3	534.4	520.9	506.2	491.2
51.0	506.8	502.9	495.7	481.2	465.5	449.2
54.0	466.4	462.3	454.5	439.1	422.5	404.8
57.0	423.7	419.2	410.8	394.6	377.1	357.9
60.0	379.1	374.0	364.7	347.7	329.6	308.8
63.0	332.5	326.9	316.6	298.7	280.5	258.0
66.0	284.8	277.8	266.0	248.3	229.1	207.0
69.0	235.3	228.3	214.1	197.1	179.3	159.0
72.0	187.1	179.3	163.6	148.7	134.1	117.1
75.0	142.3	134.1	117.6	105.7	96.14	83.71
78.0	103.9	94.58	78.87	70.20	66.67	58.61
81.0	72.93	62.93	48.35	43.27	44.63	40.54
84.0	49.39	38.87	25.39	24.94	28.76	27.71
87.0	32.14	21.36	9.389	12.41	17.62	18.63
90.0	20.09	9.933	1.421	4.649	9.240	9.939
93.0	11.43	0.9216	0.9106	0.8654	1.001	1.065
96.0	0.9372	0.9190	1.027	1.072	1.212	1.243
99.0	1.121	1.155	1.310	1.363	1.486	1.538
102.0	1.385	1.483	1.661	1.726	1.844	1.905
105.0	1.727	1.873	2.118	2.175	2.267	2.337
108.0	2.145	2.340	2.652	2.685	2.750	2.808
111.0	2.621	2.872	3.305	3.254	3.299	3.344
114.0	3.142	3.454	4.015	3.869	3.863	3.911
117.0	3.708	4.045	4.726	4.516	4.461	4.513
120.0	4.291	4.695	5.487	5.196	5.065	5.108
123.0	4.900	5.329	6.231	5.884	5.684	5.693
126.0	5.538	5.966	6.984	6.530	6.289	6.275
129.0	6.155	6.621	7.716	7.182	6.919	6.855
132.0	6.761	7.219	8.401	7.831	7.544	7.416
135.0	7.371	7.812	9.052	8.456	8.172	7.970
138.0	7.979	8.403	9.658	9.055	8.822	8.551
141.0	8.580	9.077	10.23	9.651	9.463	9.133
144.0	9.212	9.805	10.79	10.26	10.07	9.736
147.0	9.846	10.53	11.29	10.83	10.69	10.33
150.0	10.46	11.25	11.81	11.40	11.32	10.94
153.0	11.06	11.99	12.34	11.96	11.97	11.58
156.0	11.74	12.74	12.88	12.56	12.67	12.27
159.0	12.48	13.47	13.47	13.18	13.43	12.96
162.0	13.22	14.23	14.13	13.83	14.18	13.78
165.0	13.99	15.01	14.82	14.53	14.92	14.67
168.0	14.78	15.83	15.56	15.28	15.66	15.58
171.0	15.59	16.65	16.29	16.09	16.46	16.41
174.0	16.46	17.38	16.94	16.91	17.29	17.16
177.0	17.19	18.04	17.55	17.64	18.10	17.85
180.0	17.95	18.72	18.20	18.35	18.80	18.40

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: