

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

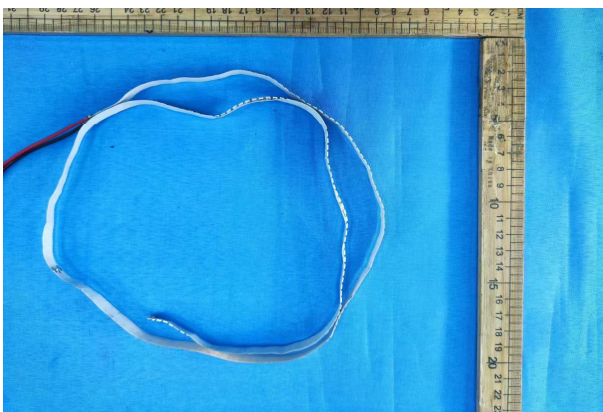
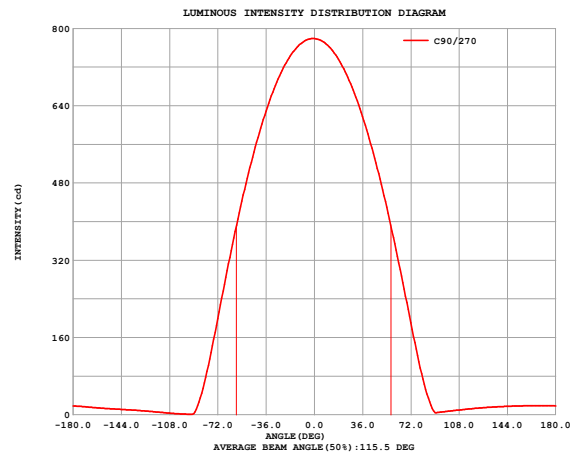
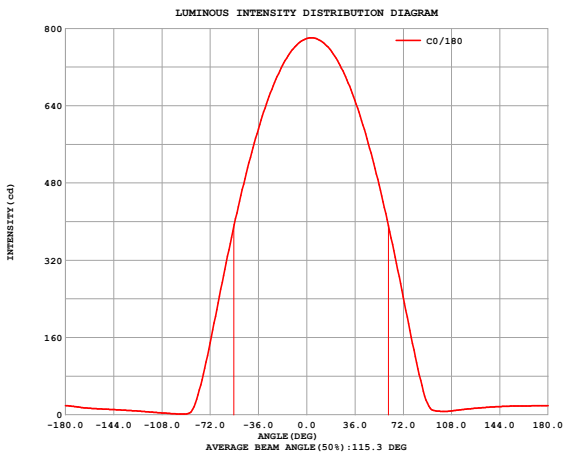
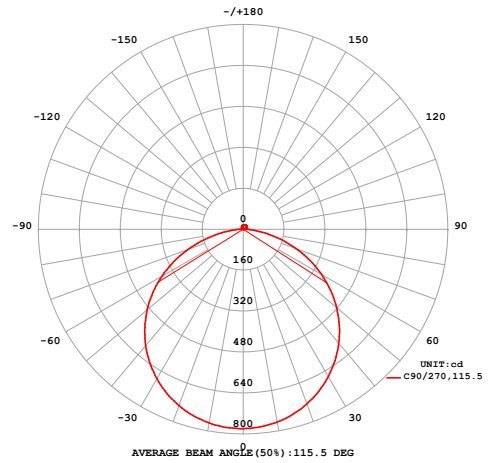
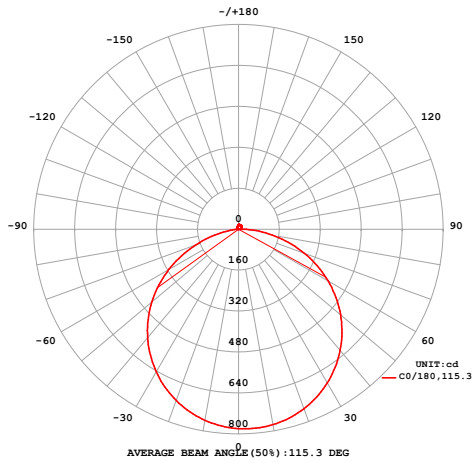


Fig. C0/C180

Fig. C90/C270

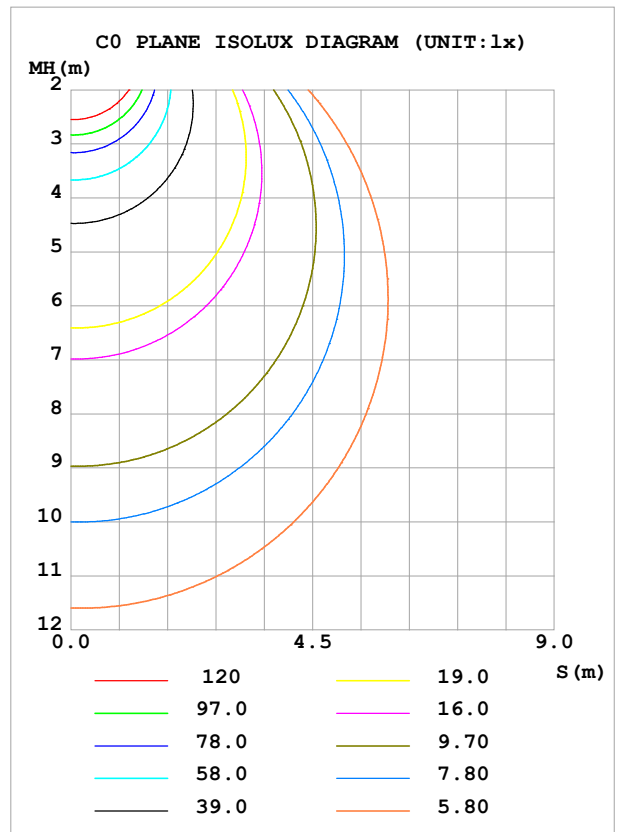
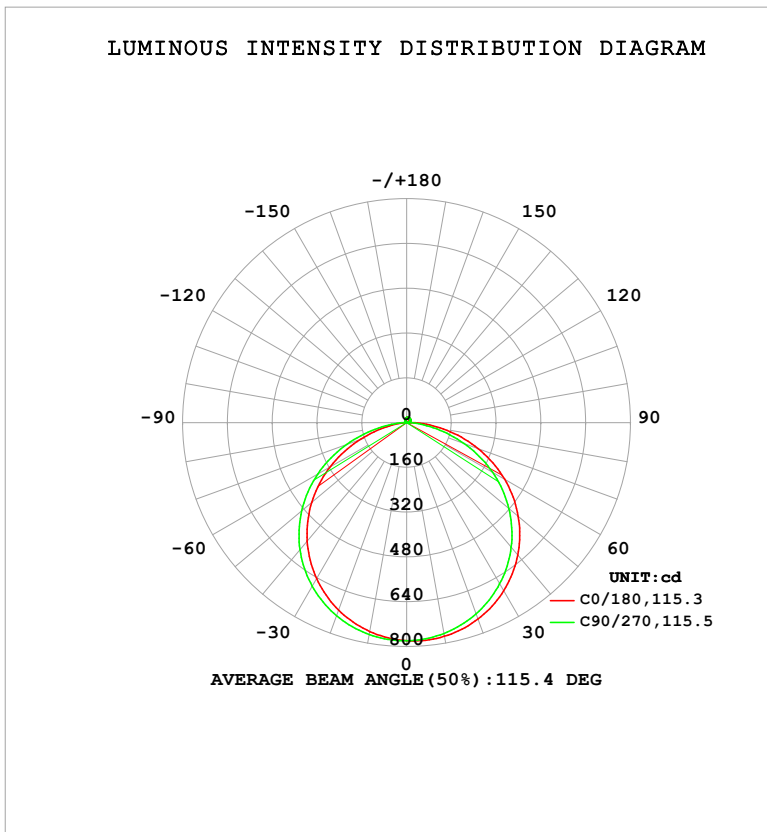
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-08-21

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:1.7100A P:20.520W PF:1.0015 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:12.26 Lamp Flux:2356.39x1 lm		
NAME: 7114 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)	780.4	S/MH (C0/180)	1.24
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	2356.4	η UP, DN (C0-180)	1.7,49.0
NOMINAL FLUX (lm)	2356.39	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.9,48.4
LAMPS INSIDE	1	η up (%)	2.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	12	η down (%)	97.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
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 Temperature:25.3°C
 Operators:DAMIN
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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	775.2	771.4	764.9	759.2	757.9	761.9	768.6	774.2	0- 10	73.77	73.77	3.13,3.13
20	746.6	739.4	726.7	715.2	712.4	720.4	733.8	744.7	10- 20	212.1	285.9	12.1,12.1
30	693.8	683.6	665.0	648.0	643.6	655.1	674.9	691.0	20- 30	323.9	609.8	25.9,25.9
40	618.0	605.0	581.3	559.2	553.1	567.8	593.2	613.9	30- 40	394.5	1004	42.6,42.6
50	520.7	505.7	476.7	450.2	442.4	459.4	489.6	515.3	40- 50	414.1	1418	60.2,60.2
60	404.2	387.4	354.0	323.7	314.7	333.0	366.2	397.0	50- 60	378.1	1796	76.2,76.2
70	271.9	254.2	218.1	186.0	176.2	194.0	227.6	260.8	60- 70	289.4	2086	88.5,88.5
80	133.9	117.7	85.36	59.28	51.21	64.56	89.93	121.2	70- 80	163.3	2249	95.5,95.5
90	24.24	19.25	4.331	5.479	1.667	2.917	2.110	15.04	80- 90	46.29	2296	97.4,97.4
100	7.204	6.669	7.300	7.715	2.357	2.166	1.921	1.486	90-100	5.761	2301	97.7,97.7
110	8.874	9.691	10.57	10.80	4.394	4.002	3.943	3.105	100-110	5.979	2307	97.9,97.9
120	11.99	12.43	13.33	13.31	6.560	6.088	6.399	5.045	110-120	8.063	2315	98.3,98.3
130	14.58	14.46	15.50	15.38	8.518	8.102	8.670	7.019	120-130	9.337	2325	98.7,98.7
140	16.44	16.07	17.05	16.92	10.23	10.05	10.59	9.071	130-140	9.542	2334	99.1,99.1
150	17.73	17.28	18.07	18.03	11.63	11.86	12.16	10.96	140-150	8.729	2343	99.4,99.4
160	18.43	17.96	18.85	18.75	13.18	13.53	13.96	13.05	150-160	7.064	2350	99.7,99.7
170	18.73	18.27	19.00	19.01	15.95	15.82	16.40	15.56	160-170	4.681	2355	99.9,99.9
180	19.08	18.40	18.52	18.53	19.07	18.40	18.52	18.53	170-180	1.693	2356	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1212.3 lm

%lum = 51.4%

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Conical surface Flux(120deg): 1796.5 lm

%lum = 76.2%

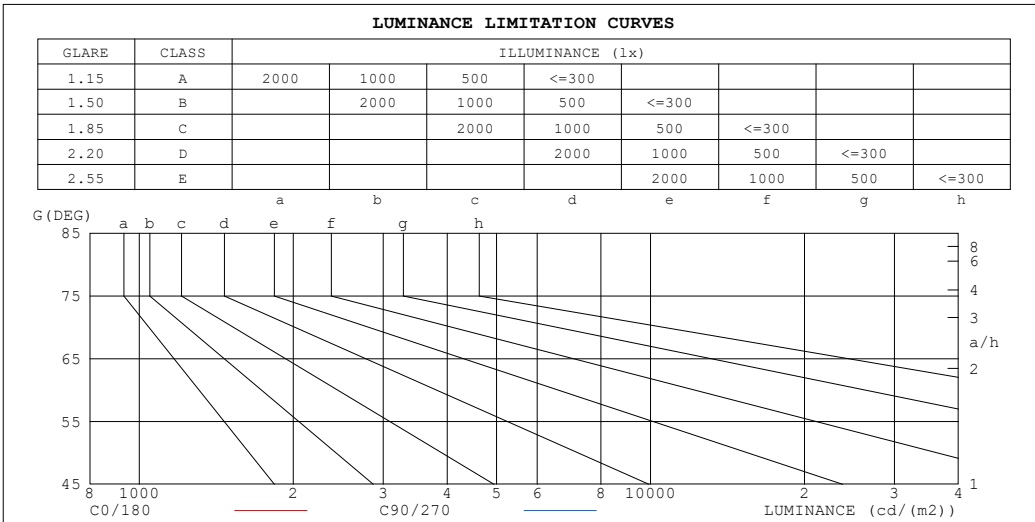
%lamp = 76.2%

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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:1.7100A P:20.520W PF:1.0015 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:12.26 Lamp Flux:2356.39x1 lm		
NAME: 7114 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	102519	49521
80	96484	61431
75	97911	72123
70	99474	79678
65	100614	84970
60	101146	88483
55	101357	90957
50	101340	92671
45	101179	93921

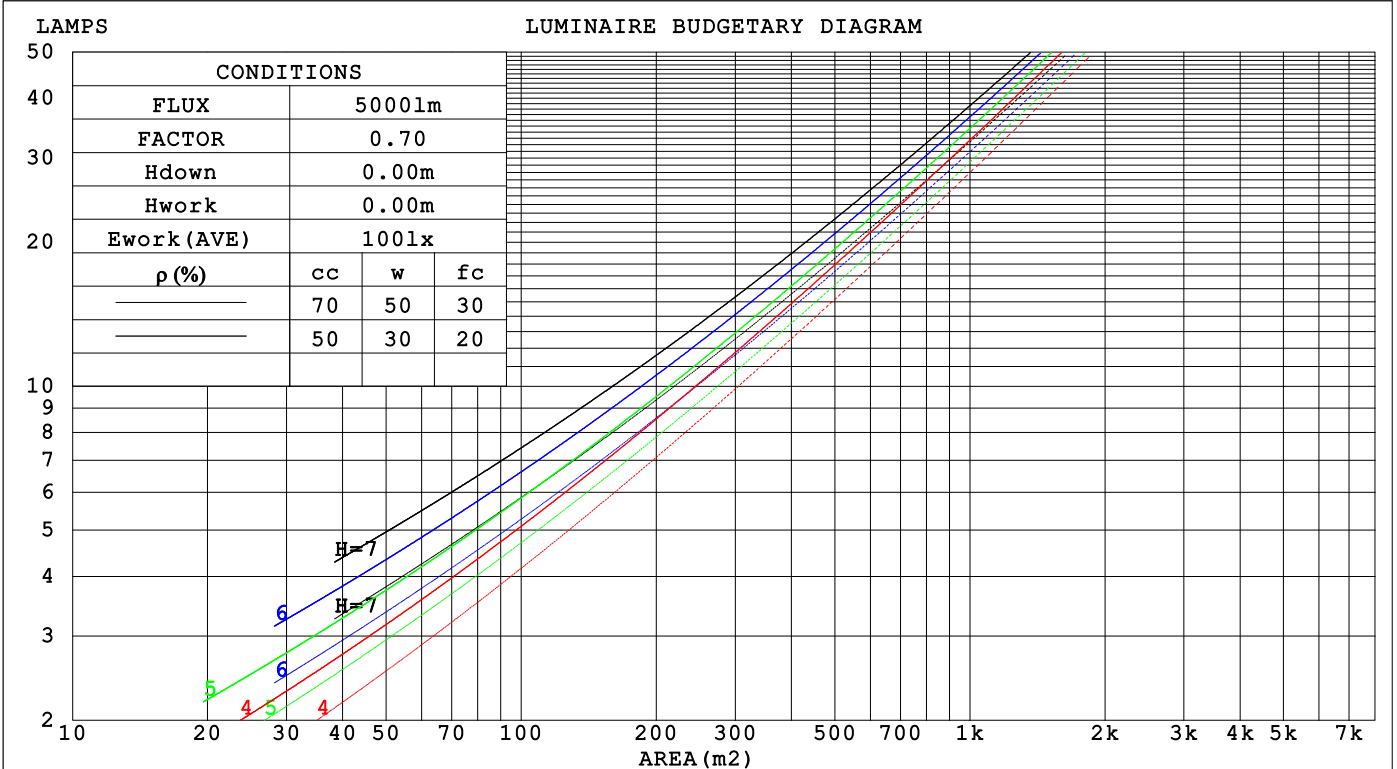
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 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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NAME: 7114 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						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	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.86	.88	.85	.83	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.67	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.42	.35	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



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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:1.7100A P:20.520W PF:1.0015 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:12.26 Lamp Flux:2356.39x1 lm		
NAME: 7114 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	.312	.177	.056	.304	.173	.055	.289	.166	.053	.276	.159	.051	.263	.152	.049	
2.0	.293	.161	.049	.286	.157	.049	.273	.152	.047	.261	.146	.046	.250	.141	.045	
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.242	.133	.041	.232	.129	.040	
4.0	.250	.130	.038	.244	.128	.038	.234	.124	.037	.224	.120	.036	.215	.117	.036	
5.0	.231	.118	.034	.226	.116	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032	
6.0	.214	.107	.031	.210	.106	.030	.201	.103	.030	.194	.101	.030	.186	.098	.029	
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.174	.090	.027	
8.0	.186	.091	.026	.182	.090	.025	.176	.088	.025	.169	.086	.025	.163	.084	.024	
9.0	.174	.084	.024	.171	.083	.023	.165	.082	.023	.159	.080	.023	.154	.078	.023	
10.0	.164	.078	.022	.161	.078	.022	.155	.076	.021	.150	.075	.021	.145	.073	.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	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.200	.176	.154	.171	.151	.133	.117	.104	.092	.067	.060	.053	.022	.019	.017	
2.0	.192	.152	.118	.165	.131	.102	.113	.090	.071	.065	.053	.042	.021	.017	.014	
3.0	.185	.134	.094	.158	.116	.082	.109	.081	.057	.063	.047	.034	.020	.015	.011	
4.0	.177	.121	.078	.152	.105	.068	.105	.073	.048	.060	.043	.028	.019	.014	.009	
5.0	.170	.111	.067	.146	.096	.059	.100	.067	.041	.058	.039	.025	.019	.013	.008	
6.0	.163	.103	.059	.140	.089	.052	.096	.062	.037	.056	.037	.022	.018	.012	.007	
7.0	.156	.096	.054	.134	.083	.047	.093	.058	.033	.054	.034	.020	.017	.011	.007	
8.0	.149	.090	.049	.129	.078	.043	.089	.055	.030	.052	.032	.018	.017	.011	.006	
9.0	.143	.085	.046	.123	.074	.040	.086	.052	.028	.050	.031	.017	.016	.010	.006	
10.0	.138	.081	.043	.119	.070	.037	.082	.049	.027	.048	.029	.016	.016	.010	.005	

C Range: 0 - 360DEG
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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:1.7100A P:20.520W PF:1.0015 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:12.26 Lamp Flux:2356.39x1 lm										
NAME: 7114 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	26.1	27.6	26.5	27.9	28.1	25.7	27.2	26.0	27.4	27.7
3H	27.9	29.3	28.2	29.6	29.9	27.2	28.6	27.5	28.8	29.1
4H	28.7	30.0	29.0	30.3	30.6	27.8	29.1	28.1	29.4	29.7
6H	29.3	30.5	29.6	30.8	31.2	28.1	29.4	28.5	29.7	30.0
8H	29.5	30.7	29.9	31.0	31.4	28.2	29.4	28.6	29.8	30.1
12H	29.7	30.8	30.1	31.2	31.5	28.3	29.4	28.7	29.8	30.1
4H 2H	26.8	28.1	27.1	28.4	28.7	26.4	27.7	26.7	28.0	28.3
3H	28.7	29.9	29.1	30.2	30.6	28.1	29.2	28.5	29.6	29.9
4H	29.6	30.7	30.0	31.0	31.4	28.8	29.9	29.2	30.2	30.6
6H	30.4	31.3	30.8	31.7	32.1	29.3	30.2	29.8	30.6	31.1
8H	30.7	31.5	31.1	31.9	32.4	29.5	30.3	29.9	30.8	31.2
12H	30.9	31.7	31.4	32.1	32.6	29.6	30.4	30.0	30.8	31.3
8H 4H	29.9	30.7	30.3	31.2	31.6	29.2	30.0	29.6	30.5	30.9
6H	30.8	31.5	31.3	32.0	32.5	29.9	30.6	30.3	31.0	31.5
8H	31.2	31.9	31.7	32.3	32.8	30.1	30.7	30.6	31.2	31.7
12H	31.6	32.1	32.1	32.6	33.2	30.3	30.8	30.8	31.3	31.9
12H 4H	29.9	30.7	30.3	31.1	31.6	29.2	30.0	29.7	30.4	30.9
6H	30.9	31.5	31.4	32.0	32.5	30.0	30.6	30.5	31.1	31.6
8H	31.3	31.9	31.9	32.4	32.9	30.3	30.8	30.8	31.3	31.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 2356 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
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 Remarks:

UTILIZATION FACTORS TABLE

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SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

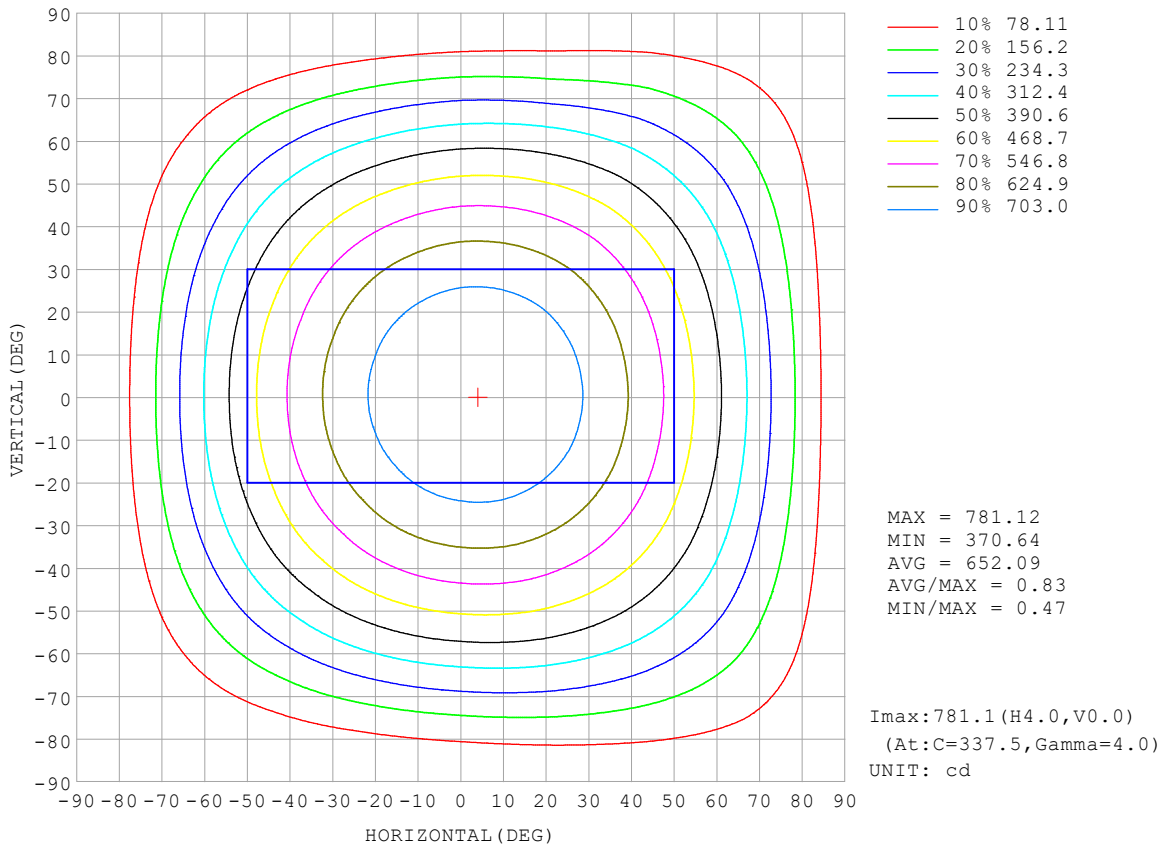
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	55	44	37	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	81	76	68
2.50	98	90	84	96	88	83	91	85	81	72
3.00	101	94	89	99	93	87	94	89	85	76
4.00	105	100	95	103	98	93	98	94	90	80
5.00	108	103	99	105	101	97	100	97	93	83
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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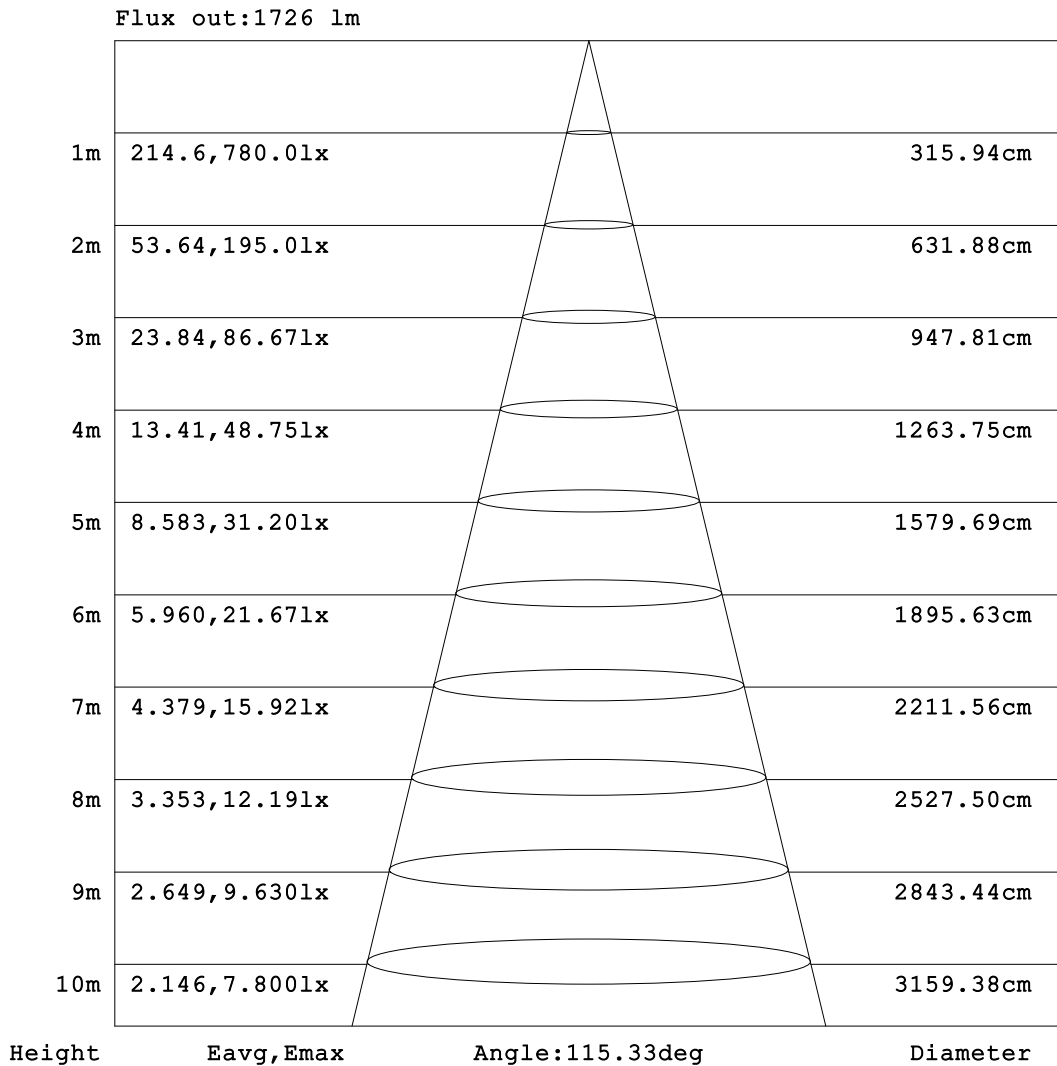


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-08-21

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:1.7100A P:20.520W PF:1.0015 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:12.26 Lamp Flux:2356.39x1 lm		
NAME: 7114 2835 240LED. 2700K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:



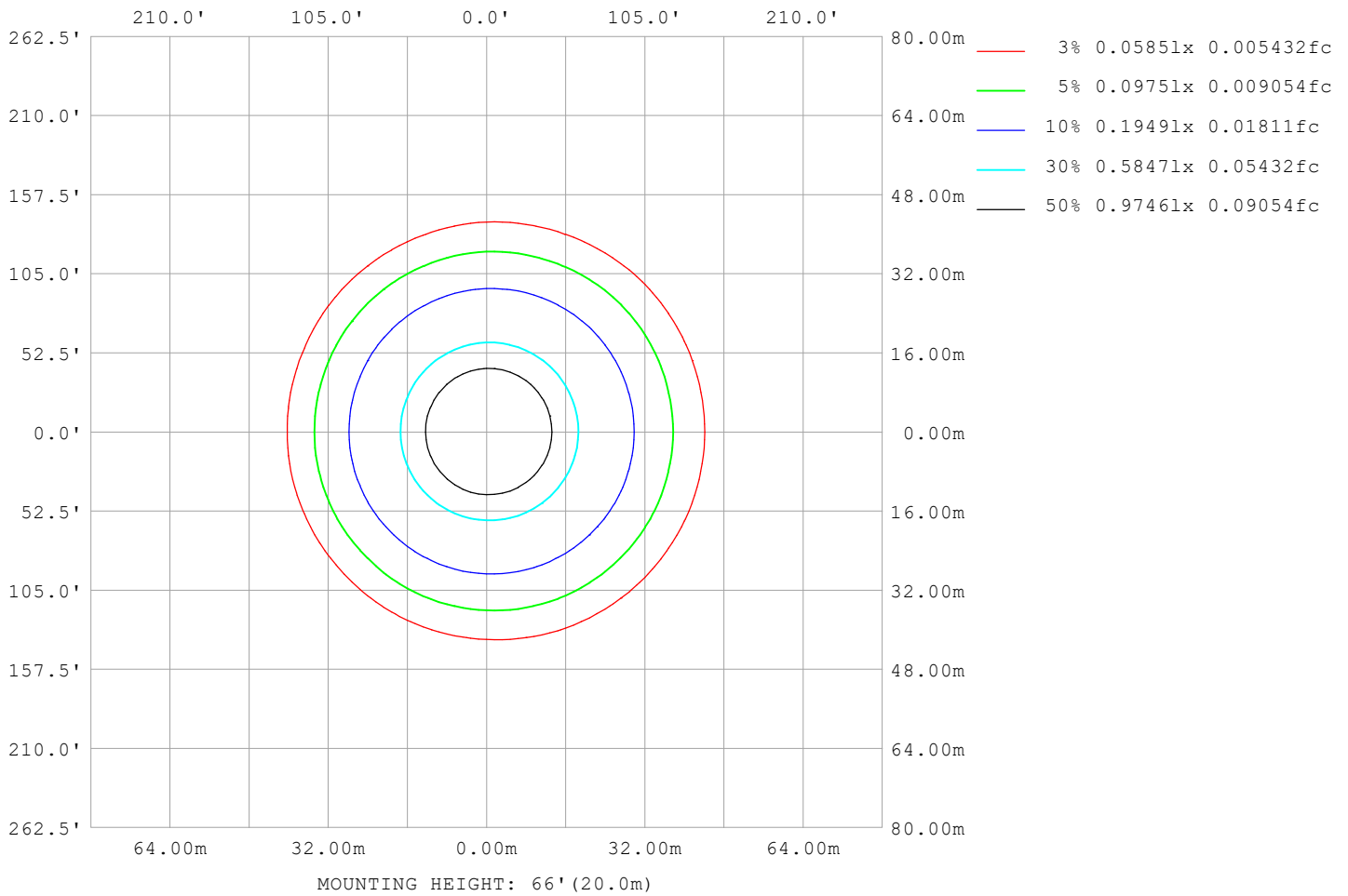
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1.7100A P:20.520W PF:1.0015 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:12.26 Lamp Flux:2356.39x1 lm		
NAME: 7114 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:1.7100A P:20.520W PF:1.0015 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:12.26 Lamp Flux:2356.39x1 lm		
NAME: 7114 2835 240LED. 2700K 12V	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

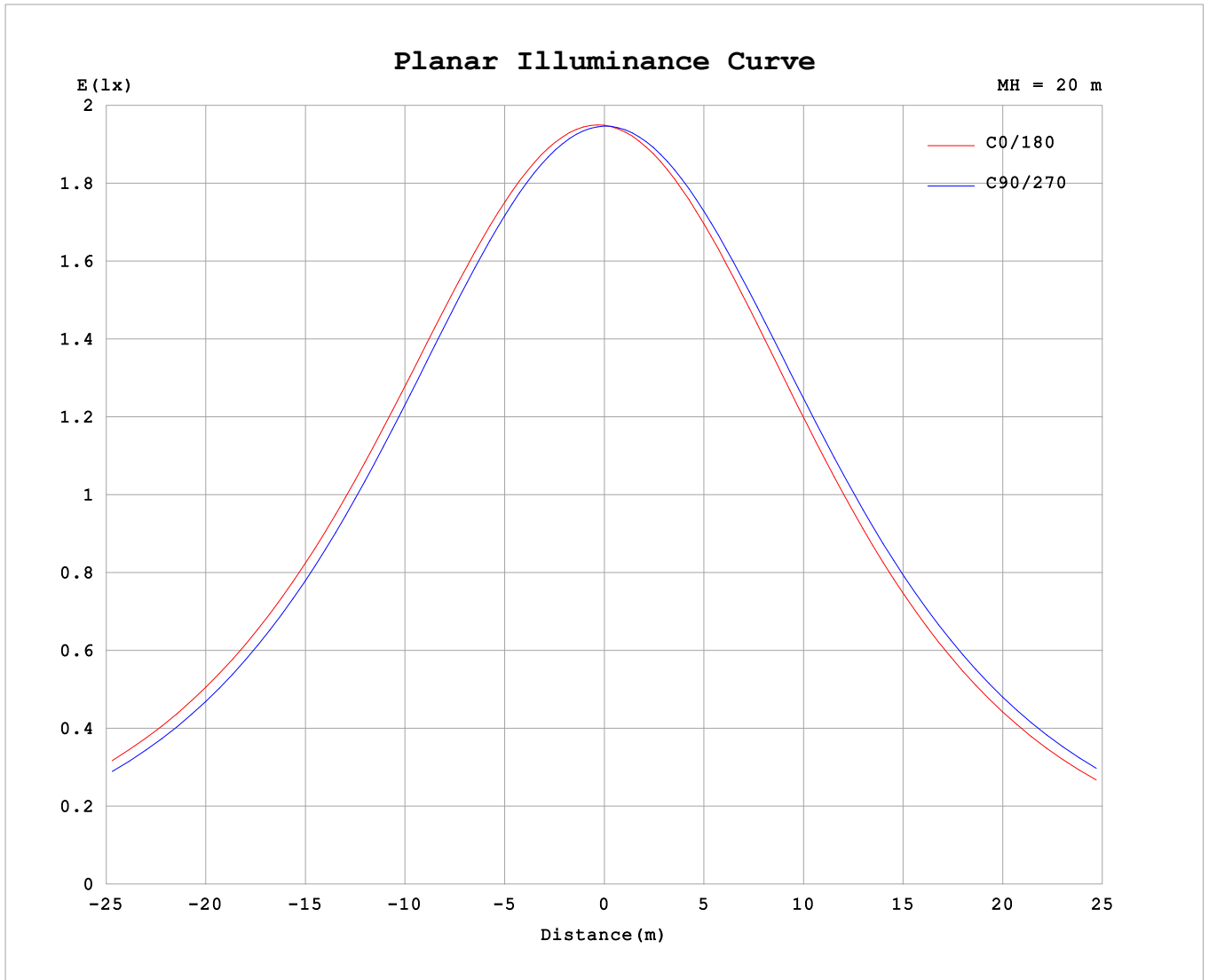
AvgL	cd/m2
L_0~180 (65) av	86619
L_0~180 (75) av	75280
L_0~180 (85) av	59001
L_90~270 (65) av	86643
L_90~270 (75) av	73867
L_90~270 (85) av	49868
L_45 (65) av	86756
L_45 (75) av	74708
L_45 (85) av	56323

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:1.7100A P:20.520W PF:1.0015 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:12.26 Lamp Flux:2356.39x1 lm		
NAME: 7114 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	779	779	779	779	779	779	779	779	779	779	779	779	779	779	779	779			
5	780	780	778	777	775	774	772	772	772	772	773	775	777	778	780	780			
10	775	774	771	769	765	762	759	758	758	759	762	765	769	772	774	775			
15	764	762	758	754	749	744	740	738	738	740	744	749	754	759	763	764			
20	747	745	739	734	727	721	715	713	712	715	720	726	734	740	745	747			
25	723	721	714	708	699	691	684	681	681	684	691	698	707	715	721	723			
30	694	691	684	675	665	656	648	644	644	647	655	664	675	683	691	694			
35	659	655	647	638	626	616	606	602	601	605	614	624	637	647	655	659			
40	618	614	605	595	581	570	559	554	553	557	568	579	593	604	614	618			
45	572	568	558	547	531	519	507	501	500	505	516	529	544	556	567	572			
50	521	517	506	493	477	463	450	444	442	447	459	473	490	503	515	520			
55	465	460	449	435	417	403	389	382	380	385	398	413	430	445	458	464			
60	404	400	387	373	354	338	324	317	315	320	333	348	366	381	397	403			
65	340	335	322	307	287	271	255	248	246	251	264	280	299	314	331	338			
70	272	268	254	238	218	201	186	179	176	181	194	209	228	237	261	270			
75	203	198	185	169	149	132	118	112	109	114	126	140	157	165	190	200			
80	134	130	118	103	85.4	70.8	59.3	54.0	51.2	55.0	64.6	75.7	89.9	96.9	121	130			
85	71.4	69.0	59.6	48.4	34.5	24.9	17.7	14.1	10.9	13.5	19.8	26.7	35.0	48.1	59.9	67.0			
90	24.2	24.0	19.2	12.7	4.33	6.22	5.48	5.05	1.67	2.19	2.92	3.15	2.11	8.47	15.0	19.6			
95	8.80	9.45	8.46	5.86	5.66	5.93	6.11	6.06	1.57	1.56	1.50	1.36	1.25	1.22	2.88	4.41			
100	7.20	7.31	6.67	6.92	7.30	7.53	7.71	7.66	2.36	2.26	2.17	2.05	1.92	1.65	1.49	2.41			
105	7.24	7.57	8.08	8.52	8.97	9.13	9.30	9.26	3.32	3.14	3.01	2.93	2.81	2.45	2.22	1.99			
110	8.87	9.21	9.69	10.0	10.6	10.7	10.8	10.8	4.39	4.12	4.00	3.95	3.94	3.40	3.11	2.81			
115	10.5	10.8	11.1	11.4	12.0	12.0	12.1	12.2	5.50	5.18	5.05	5.02	5.19	4.44	4.07	3.75			
120	12.0	12.3	12.4	12.7	13.3	13.3	13.3	13.4	6.56	6.21	6.09	6.11	6.40	5.56	5.04	4.74			
125	13.3	13.6	13.5	13.9	14.5	14.3	14.4	14.5	7.55	7.22	7.10	7.16	7.58	6.64	6.02	5.70			
130	14.6	14.8	14.5	14.8	15.5	15.1	15.4	15.4	8.52	8.27	8.10	8.16	8.67	7.67	7.02	6.66			
135	15.7	15.8	15.4	15.6	16.3	15.7	16.2	16.2	9.41	9.25	9.08	9.09	9.69	8.62	8.04	7.63			
140	16.4	16.7	16.1	16.2	17.0	16.4	16.9	17.0	10.2	10.2	10.0	10.0	10.6	9.54	9.07	8.59			
145	17.2	17.4	16.7	16.5	17.6	17.0	17.5	17.5	11.0	11.1	11.0	11.0	11.4	10.4	10.0	9.55			
150	17.7	18.0	17.3	17.1	18.1	17.7	18.0	18.0	11.6	11.9	11.9	12.0	12.2	11.2	11.0	10.5			
155	18.2	18.4	17.7	17.7	18.5	18.3	18.5	18.3	12.3	12.7	12.7	13.1	13.0	12.2	12.0	11.5			
160	18.4	18.6	18.0	18.1	18.8	18.7	18.8	18.4	13.2	13.5	13.5	14.2	14.0	13.2	13.1	12.6			
165	18.5	18.7	18.2	18.3	19.0	19.0	19.0	18.3	14.3	14.3	14.6	15.4	15.1	14.3	14.3	13.8			
170	18.7	18.7	18.3	18.8	19.0	19.0	19.0	18.2	16.0	15.7	15.8	16.8	16.4	15.6	15.6	15.2			
175	19.0	18.5	18.1	18.9	18.6	18.7	18.8	18.1	17.7	17.2	17.2	18.0	17.5	17.1	17.0	16.5			
180	19.1	18.7	18.4	19.1	18.5	18.5	18.5	18.0	19.1	18.7	18.4	19.1	18.5	18.5	18.5	18.0			

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	779.0	779.0	779.0	779.0	779.0	779.0	779.0	779.0	779.0	779.0
3.0	780.4	780.1	779.3	778.4	777.3	776.4	775.6	775.3	775.2	775.6
6.0	779.7	779.0	777.4	775.6	773.4	771.7	770.0	769.3	769.3	770.0
9.0	776.7	775.7	773.3	770.7	767.4	764.7	762.2	761.1	761.1	762.2
12.0	771.4	770.2	767.0	763.5	759.1	755.6	752.2	750.8	750.7	752.2
15.0	764.0	762.4	758.5	754.1	748.7	744.3	740.2	738.3	738.2	740.0
18.0	754.3	752.4	747.8	742.7	736.2	730.9	725.8	723.6	723.4	725.5
21.0	742.4	740.3	734.9	729.0	721.5	715.3	709.5	706.9	706.5	709.0
24.0	728.3	725.9	719.9	713.3	704.7	697.7	691.1	688.0	687.6	690.4
27.0	712.1	709.4	702.7	695.4	685.9	678.0	670.5	667.1	666.6	669.8
30.0	693.8	690.9	683.6	675.4	665.0	656.3	648.0	644.3	643.6	647.1
33.0	673.4	670.3	662.3	653.5	642.2	632.6	623.6	619.4	618.7	622.4
36.0	650.9	647.7	639.1	629.6	617.3	607.1	597.2	592.7	591.9	595.8
39.0	626.5	622.9	613.9	603.7	590.5	579.6	569.0	564.0	563.0	567.3
42.0	600.2	596.4	586.9	576.0	562.0	550.2	539.0	533.4	532.5	537.0
45.0	571.9	568.1	557.9	546.5	531.5	519.0	507.0	501.3	500.1	504.7
48.0	541.8	537.8	527.1	515.0	499.2	486.1	473.5	467.3	466.0	470.9
51.0	510.0	505.7	494.7	481.9	465.4	451.4	438.3	431.8	430.3	435.2
54.0	476.2	472.1	460.4	447.1	429.8	415.3	401.4	394.8	393.2	398.1
57.0	441.0	436.7	424.7	410.7	392.6	377.6	363.2	356.2	354.5	359.6
60.0	404.2	399.8	387.4	373.0	354.0	338.5	323.7	316.5	314.7	319.7
63.0	365.9	361.5	348.8	333.8	314.3	298.2	283.1	275.7	273.8	278.7
66.0	326.4	322.0	308.9	293.7	273.5	256.8	241.7	234.0	232.0	236.7
69.0	285.9	281.7	268.0	252.2	232.1	215.0	199.8	192.3	189.9	194.9
72.0	244.3	239.8	226.5	210.4	190.3	173.4	158.5	151.1	148.8	153.4
75.0	202.6	198.1	185.0	168.8	149.4	132.4	118.3	111.7	109.2	113.6
78.0	160.8	156.7	144.2	128.5	109.9	93.91	81.09	75.36	72.87	76.81
81.0	120.5	116.8	105.1	90.85	73.93	60.04	49.43	44.39	41.39	45.10
84.0	82.94	80.05	70.09	57.85	43.29	32.52	24.49	20.20	16.77	20.05
87.0	48.73	47.30	40.86	31.50	19.38	12.71	8.604	7.046	4.128	5.390
90.0	24.24	24.02	19.25	12.71	4.331	6.221	5.479	5.055	1.667	2.192
93.0	11.14	11.66	10.22	7.455	5.016	5.549	5.546	5.446	1.385	1.525
96.0	8.238	8.734	8.007	5.687	5.988	6.248	6.411	6.367	1.718	1.662
99.0	7.302	7.510	6.592	6.586	6.973	7.202	7.384	7.339	2.197	2.096
102.0	6.666	6.741	7.103	7.573	7.967	8.166	8.360	8.316	2.729	2.592
105.0	7.238	7.566	8.075	8.525	8.971	9.134	9.301	9.263	3.321	3.135
108.0	8.220	8.559	9.054	9.451	9.940	10.06	10.21	10.18	3.956	3.709
111.0	9.201	9.546	9.992	10.23	10.85	10.93	11.09	11.07	4.619	4.334
114.0	10.16	10.51	10.88	11.06	11.74	11.77	11.87	11.93	5.270	4.967
117.0	11.11	11.44	11.68	11.95	12.57	12.57	12.61	12.71	5.933	5.605
120.0	11.99	12.31	12.43	12.72	13.33	13.29	13.31	13.44	6.560	6.206
123.0	12.82	13.13	13.11	13.43	14.05	13.94	13.99	14.10	7.160	6.813
126.0	13.59	13.88	13.75	14.03	14.72	14.49	14.62	14.72	7.743	7.442
129.0	14.34	14.59	14.32	14.62	15.31	14.94	15.20	15.26	8.337	8.066
132.0	15.02	15.24	14.89	15.15	15.85	15.35	15.72	15.77	8.875	8.663
135.0	15.66	15.83	15.41	15.61	16.32	15.74	16.20	16.24	9.414	9.245
138.0	16.11	16.38	15.77	15.99	16.77	16.12	16.64	16.69	9.915	9.815
141.0	16.59	16.85	16.22	16.22	17.18	16.49	17.04	17.07	10.39	10.35
144.0	17.06	17.29	16.60	16.45	17.51	16.86	17.43	17.41	10.82	10.90
147.0	17.45	17.65	16.96	16.76	17.81	17.25	17.74	17.71	11.22	11.39
150.0	17.73	17.99	17.28	17.09	18.07	17.67	18.03	17.97	11.63	11.89
153.0	18.02	18.25	17.57	17.45	18.39	18.05	18.32	18.19	12.02	12.38
156.0	18.19	18.37	17.76	17.85	18.59	18.42	18.55	18.32	12.46	12.88
159.0	18.36	18.50	17.92	18.05	18.80	18.66	18.71	18.39	12.98	13.36
162.0	18.50	18.62	18.08	18.18	18.93	18.84	18.86	18.37	13.59	13.83
165.0	18.52	18.68	18.23	18.27	18.97	19.00	19.00	18.31	14.30	14.33
168.0	18.60	18.69	18.28	18.41	19.00	19.00	19.00	18.29	15.21	15.10
171.0	18.81	18.63	18.24	18.89	18.97	18.95	18.98	18.20	16.34	15.95
174.0	18.96	18.52	18.13	18.87	18.71	18.79	18.81	18.07	17.44	16.88
177.0	19.15	18.70	18.26	19.04	18.61	18.68	18.73	18.11	18.25	17.86
180.0	19.08	18.73	18.40	19.08	18.52	18.47	18.53	17.99	19.07	18.72
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	779.0	779.0	779.0	779.0	779.0	779.0				
3.0	776.4	777.3	778.4	779.3	780.1	780.4				
6.0	771.6	773.5	775.7	777.5	779.0	779.7				
9.0	764.7	767.4	770.7	773.4	775.8	776.7				
12.0	755.5	759.2	763.5	767.1	770.3	771.5				
15.0	744.2	748.7	754.2	758.6	762.5	764.0				
18.0	730.6	736.1	742.7	747.9	752.6	754.3				
21.0	714.9	721.3	728.9	735.1	740.4	742.5				
24.0	697.0	704.4	713.1	720.1	726.1	728.4				
27.0	677.2	685.3	695.1	702.8	709.6	712.2				
30.0	655.1	664.2	674.9	683.5	691.0	693.9				

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	631.2	641.1	652.7	662.1	670.2	673.4
36.0	605.3	615.9	628.6	638.6	647.4	650.9
39.0	577.5	588.8	602.2	613.1	622.6	626.4
42.0	547.7	559.7	574.2	585.8	596.0	600.0
45.0	516.1	528.8	544.1	556.3	567.3	571.7
48.0	482.6	496.0	512.1	525.1	536.7	541.6
51.0	447.5	461.4	478.2	492.0	504.4	509.4
54.0	410.9	425.1	442.7	457.2	470.2	475.7
57.0	372.6	387.4	405.5	420.7	434.4	440.3
60.0	333.0	347.7	366.2	380.9	397.0	403.3
63.0	292.1	307.1	325.8	340.4	358.0	364.7
66.0	249.9	265.3	284.6	299.4	317.4	324.9
69.0	208.1	223.2	241.9	254.1	275.1	283.9
72.0	166.1	181.1	199.0	209.0	232.4	242.1
75.0	125.5	139.8	156.5	165.2	190.0	199.8
78.0	87.43	100.1	115.8	123.0	148.4	157.7
81.0	54.21	64.53	77.48	86.06	108.1	116.6
84.0	27.26	35.07	44.54	58.32	71.04	78.60
87.0	8.424	12.74	18.79	29.83	40.12	44.85
90.0	2.917	3.146	2.110	8.473	15.04	19.55
93.0	1.555	1.251	1.054	2.073	4.469	6.607
96.0	1.587	1.474	1.374	1.184	2.334	3.773
99.0	2.009	1.895	1.772	1.520	1.418	2.624
102.0	2.494	2.385	2.244	1.944	1.760	1.643
105.0	3.015	2.926	2.814	2.451	2.221	1.987
108.0	3.600	3.526	3.476	2.999	2.733	2.457
111.0	4.217	4.160	4.177	3.593	3.299	2.994
114.0	4.837	4.810	4.950	4.231	3.881	3.573
117.0	5.462	5.459	5.668	4.888	4.460	4.160
120.0	6.088	6.110	6.399	5.557	5.045	4.738
123.0	6.697	6.747	7.118	6.225	5.632	5.313
126.0	7.311	7.369	7.805	6.860	6.214	5.893
129.0	7.909	7.956	8.460	7.461	6.816	6.463
132.0	8.493	8.531	9.087	8.069	7.416	7.053
135.0	9.079	9.087	9.686	8.620	8.044	7.632
138.0	9.666	9.634	10.24	9.190	8.677	8.219
141.0	10.24	10.21	10.74	9.717	9.271	8.777
144.0	10.82	10.81	11.25	10.24	9.848	9.357
147.0	11.37	11.40	11.72	10.72	10.42	9.933
150.0	11.86	12.04	12.16	11.25	10.96	10.51
153.0	12.35	12.69	12.63	11.78	11.54	11.10
156.0	12.85	13.36	13.13	12.39	12.19	11.70
159.0	13.36	14.01	13.74	13.01	12.84	12.37
162.0	13.92	14.68	14.42	13.67	13.52	13.06
165.0	14.56	15.40	15.13	14.32	14.25	13.81
168.0	15.31	16.21	15.90	15.09	15.03	14.67
171.0	16.09	17.05	16.62	15.91	15.83	15.48
174.0	16.91	17.78	17.26	16.77	16.70	16.26
177.0	17.70	18.46	17.87	17.62	17.58	17.09
180.0	18.40	19.07	18.52	18.48	18.53	17.99

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: