

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

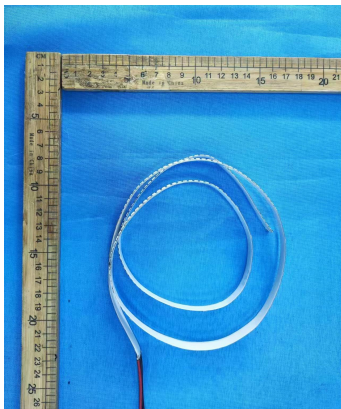
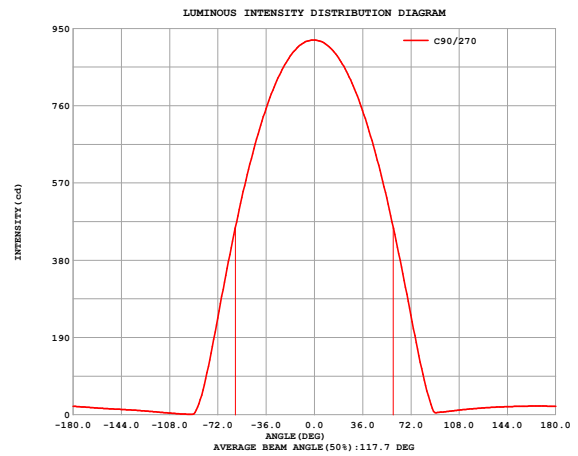
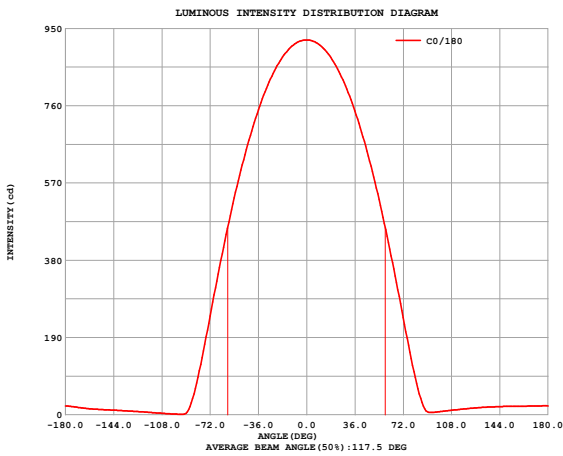
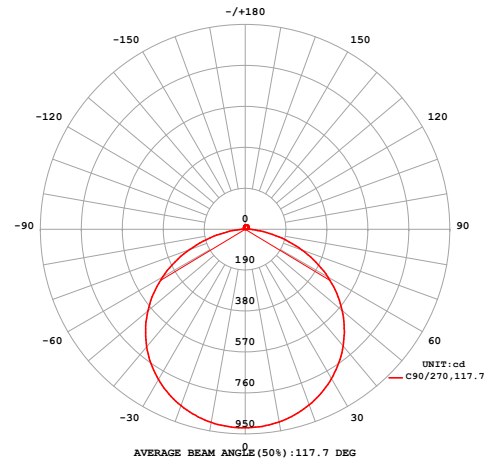
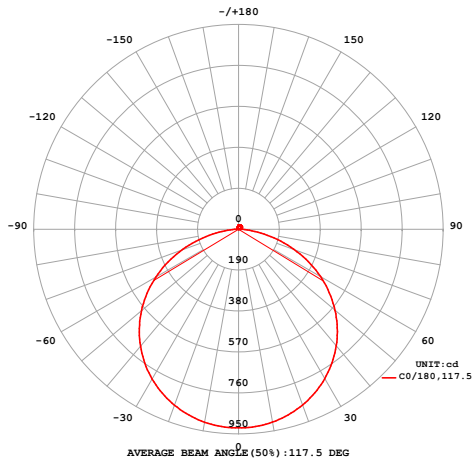


Fig. C0/C180

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

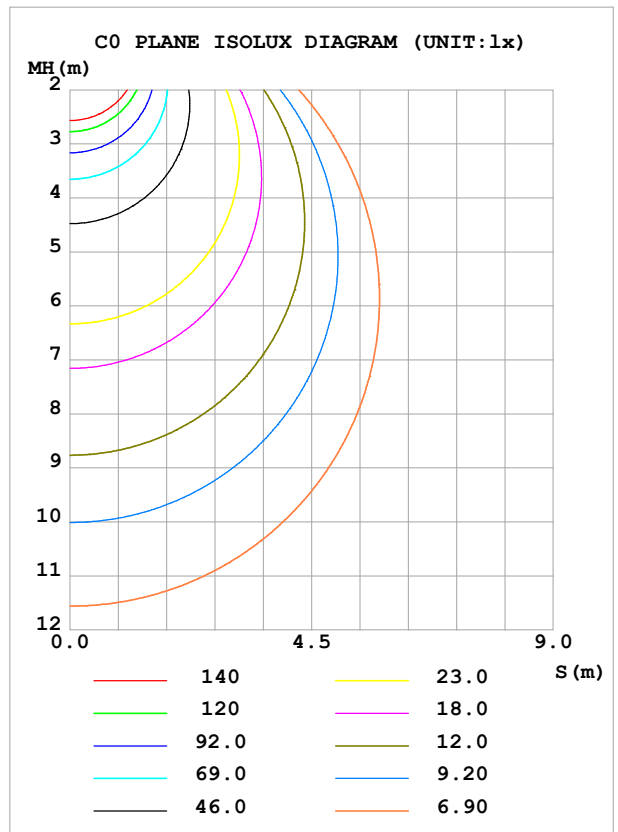
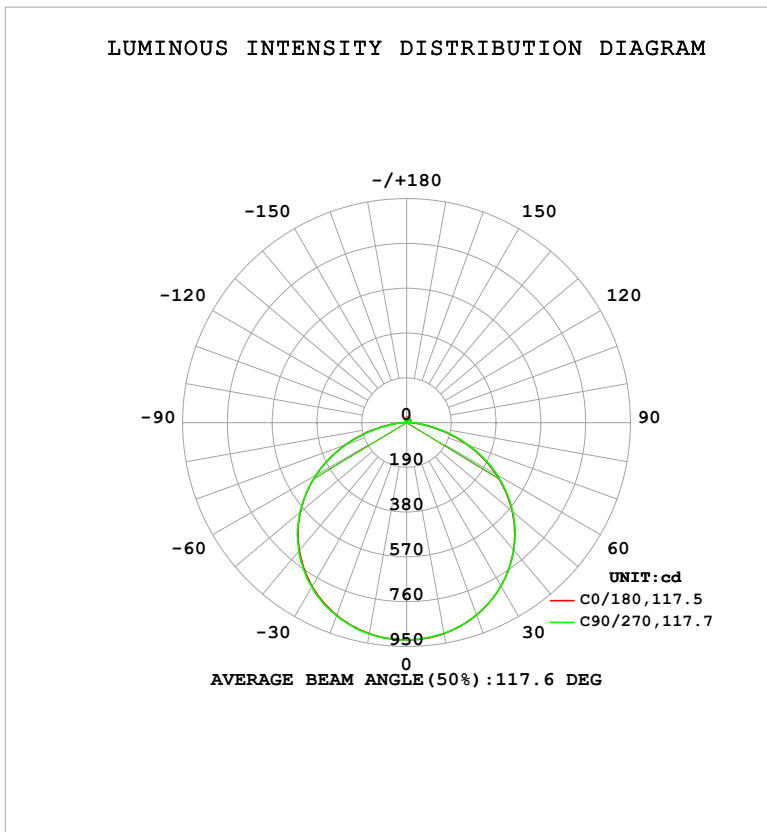
Fig. C90/C270

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:24.000V I:0.9600A P:23.040W PF:1.0007 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:24.73 Lamp Flux:2843.28x1 lm		
NAME: 7094 2835 240LED. 4000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	921.4	S/MH (C0/180)	1.29
NOMINAL POWER (W)	22	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	2843.3	η UP, DN (C0-180)	1.6, 48.9
NOMINAL FLUX (lm)	2843.28	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 48.7
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24	η down (%)	97.6	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
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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	908.6	908.0	907.8	908.1	908.9	909.8	910.1	909.7	0- 10	87.37	87.37	3.07,3.07
20	868.3	867.5	867.7	868.1	869.2	870.9	871.7	870.7	10- 20	252.1	339.4	11.9,11.9
30	800.6	800.0	800.6	801.3	802.4	804.6	805.6	804.2	20- 30	387.0	726.4	25.5,25.5
40	706.0	706.0	707.3	708.2	708.7	710.8	711.8	710.2	30- 40	474.8	1201	42.2,42.2
50	584.8	585.7	587.6	588.7	588.4	589.9	590.3	589.0	40- 50	502.4	1704	59.9,59.9
60	438.9	441.1	443.5	444.6	443.2	443.2	442.6	442.1	50- 60	462.7	2166	76.2,76.2
70	273.1	276.7	279.4	280.3	277.2	275.0	273.5	274.1	60- 70	356.8	2523	88.7,88.7
80	106.2	110.7	114.1	113.3	108.0	104.4	103.3	104.2	70- 80	201.0	2724	95.8,95.8
90	7.398	9.477	4.926	9.431	3.528	5.080	2.088	4.759	80- 90	50.79	2775	97.6,97.6
100	7.968	8.364	8.600	8.110	2.114	2.103	2.353	2.178	90-100	4.625	2780	97.8,97.8
110	11.83	12.17	12.35	11.77	4.224	4.093	4.789	4.186	100-110	7.016	2787	98,98
120	15.25	15.15	15.45	14.73	6.633	6.439	7.691	6.530	110-120	9.453	2796	98.3,98.3
130	17.90	17.29	17.83	17.13	8.833	8.676	10.37	8.796	120-130	10.84	2807	98.7,98.7
140	19.60	18.86	19.50	18.87	10.75	10.84	12.58	11.10	130-140	10.99	2818	99.1,99.1
150	20.69	19.99	20.60	20.21	12.38	12.97	14.31	13.28	140-150	10.00	2828	99.5,99.5
160	21.06	20.76	21.29	21.47	14.28	15.29	16.24	15.76	150-160	8.086	2836	99.7,99.7
170	21.62	20.93	21.48	21.95	18.06	17.97	18.69	18.48	160-170	5.387	2841	99.9,99.9
180	22.02	20.71	20.99	21.46	22.02	20.71	20.98	21.46	170-180	1.947	2843	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1453.1 lm

%lum = 51.1%

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Conical surface Flux(120deg): 2166.4 lm

%lum = 76.2%

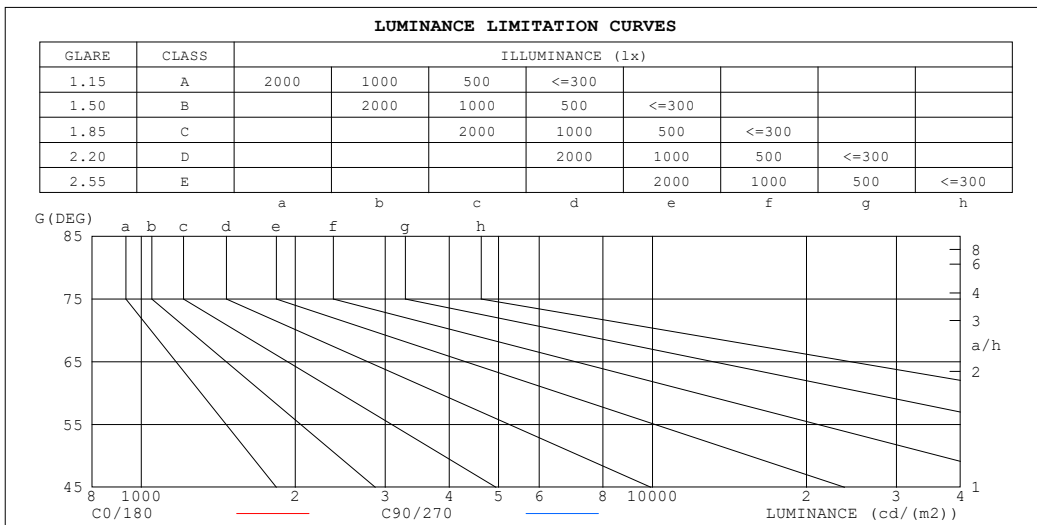
%lamp = 76.2%

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:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.9600A P:23.040W PF:1.0007 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.73 Lamp Flux:2843.28x1 lm		
NAME: 7094 2835 240LED. 4000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	57855	66982
80	76454	82124
75	90699	94039
70	99851	102096
65	105970	107512
60	109752	110859
55	112181	112971
50	113749	114244
45	114670	115008

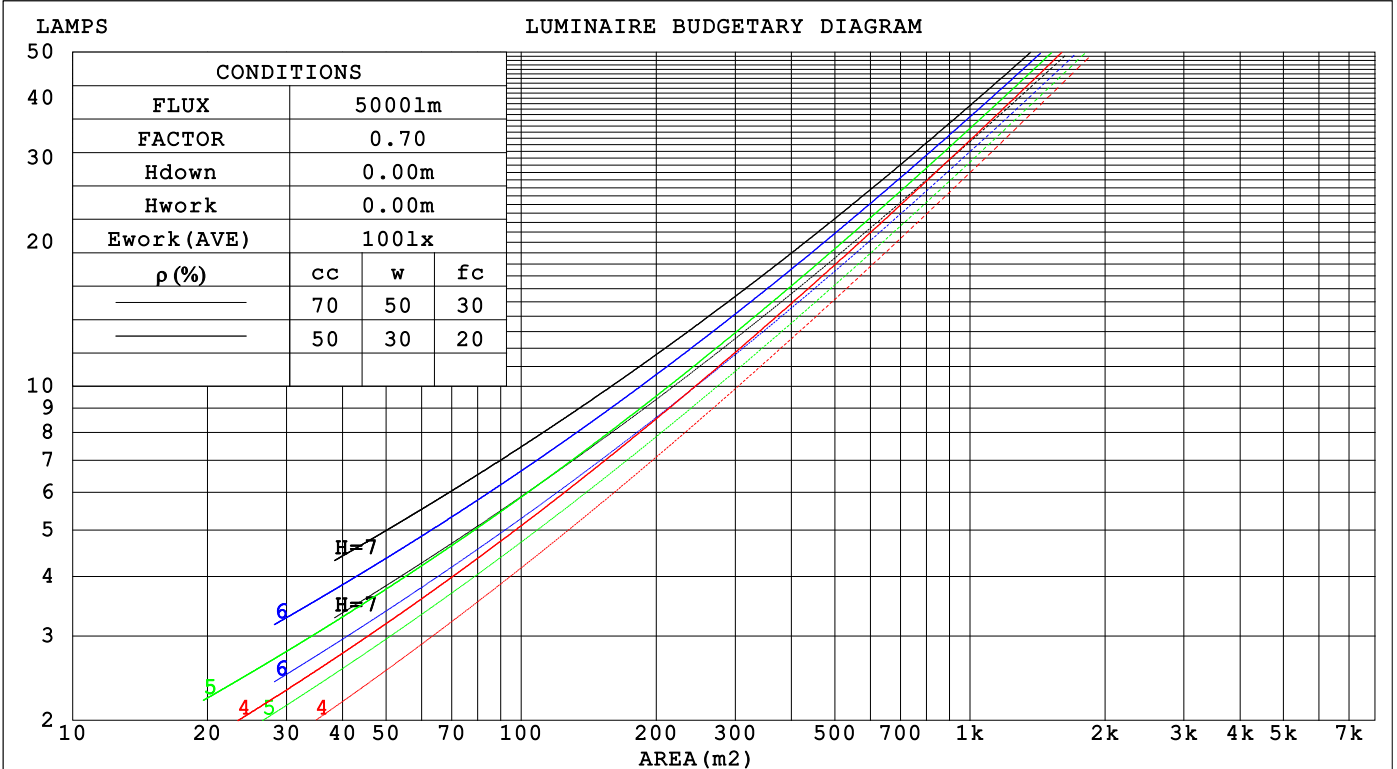
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 Humidity:65.0%
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 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.9600A P:23.040W PF:1.0007 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:24.73 Lamp Flux:2843.28x1 lm		
NAME: 7094 2835 240LED. 4000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.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	.61	.70	.65	.60	.67	.63	.59	.56
4.0	.69	.60	.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	.43	.41
6.0	.56	.46	.40	.54	.46	.40	.52	.45	.39	.50	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.32	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



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:

WEC AND CCEC

Test:U:24.000V I:0.9600A P:23.040W PF:1.0007 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:24.73 Lamp Flux:2843.28x1 lm		
NAME: 7094 2835 240LED. 4000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	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	.153	.049	
2.0	.294	.161	.049	.287	.158	.049	.274	.152	.047	.262	.147	.046	.251	.142	.045	
3.0	.272	.145	.043	.266	.142	.043	.254	.138	.042	.243	.133	.041	.233	.129	.040	
4.0	.251	.130	.038	.245	.128	.038	.235	.125	.037	.225	.121	.037	.216	.118	.036	
5.0	.232	.118	.034	.227	.116	.034	.218	.113	.033	.209	.110	.033	.201	.107	.032	
6.0	.215	.108	.031	.210	.106	.031	.202	.104	.030	.194	.101	.030	.187	.099	.029	
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.182	.093	.027	.175	.091	.027	
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025	
9.0	.175	.084	.024	.171	.084	.023	.165	.082	.023	.160	.080	.023	.154	.078	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.146	.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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.199	.175	.153	.170	.150	.131	.116	.103	.091	.067	.060	.053	.021	.019	.017	
2.0	.191	.150	.116	.164	.130	.101	.112	.090	.070	.065	.052	.041	.021	.017	.013	
3.0	.184	.133	.093	.157	.115	.080	.108	.080	.056	.062	.047	.033	.020	.015	.011	
4.0	.176	.120	.077	.151	.104	.067	.104	.072	.047	.060	.042	.028	.019	.014	.009	
5.0	.169	.109	.066	.145	.095	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008	
6.0	.162	.101	.058	.139	.088	.050	.096	.061	.036	.056	.036	.021	.018	.012	.007	
7.0	.155	.094	.052	.133	.082	.045	.092	.057	.032	.053	.034	.019	.017	.011	.006	
8.0	.148	.089	.048	.128	.077	.041	.088	.054	.029	.051	.032	.018	.017	.010	.006	
9.0	.142	.084	.044	.122	.073	.038	.085	.051	.027	.049	.030	.016	.016	.010	.005	
10.0	.136	.079	.041	.118	.069	.036	.082	.049	.026	.048	.029	.015	.015	.009	.005	

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

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:24.000V I:0.9600A P:23.040W PF:1.0007 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.73 Lamp Flux:2843.28x1 lm										
NAME: 7094 2835 240LED. 4000K 24V					TYPE:			WEIGHT:		
SPEC.: 22W					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	25.6	27.1	25.9	27.3	27.6	25.6	27.1	25.9	27.4	27.6
3H	27.1	28.5	27.5	28.8	29.1	27.2	28.6	27.5	28.9	29.2
4H	27.7	29.0	28.1	29.3	29.6	27.8	29.1	28.2	29.4	29.7
6H	28.1	29.3	28.5	29.7	30.0	28.2	29.5	28.6	29.8	30.1
8H	28.2	29.4	28.6	29.7	30.1	28.3	29.5	28.7	29.9	30.2
12H	28.2	29.4	28.6	29.7	30.1	28.4	29.6	28.8	29.9	30.3
4H 2H	26.2	27.5	26.6	27.8	28.1	26.2	27.6	26.6	27.9	28.2
3H	27.9	29.1	28.3	29.4	29.8	28.0	29.1	28.4	29.5	29.8
4H	28.6	29.7	29.1	30.1	30.4	28.7	29.8	29.1	30.1	30.5
6H	29.1	30.1	29.6	30.5	30.9	29.3	30.2	29.7	30.6	31.0
8H	29.3	30.2	29.7	30.6	31.0	29.4	30.3	29.9	30.7	31.1
12H	29.4	30.2	29.8	30.6	31.0	29.5	30.3	30.0	30.8	31.2
8H 4H	28.9	29.8	29.4	30.2	30.6	29.0	29.8	29.4	30.3	30.7
6H	29.5	30.3	30.0	30.7	31.2	29.6	30.4	30.1	30.8	31.3
8H	29.8	30.4	30.2	30.9	31.4	29.9	30.5	30.4	31.0	31.5
12H	29.9	30.4	30.4	30.9	31.5	30.1	30.6	30.6	31.1	31.6
12H 4H	28.9	29.7	29.4	30.1	30.6	29.0	29.8	29.4	30.2	30.7
6H	29.6	30.2	30.1	30.7	31.2	29.7	30.3	30.2	30.8	31.3
8H	29.8	30.4	30.4	30.9	31.4	30.0	30.5	30.5	31.0	31.5
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 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 2843 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.6)
 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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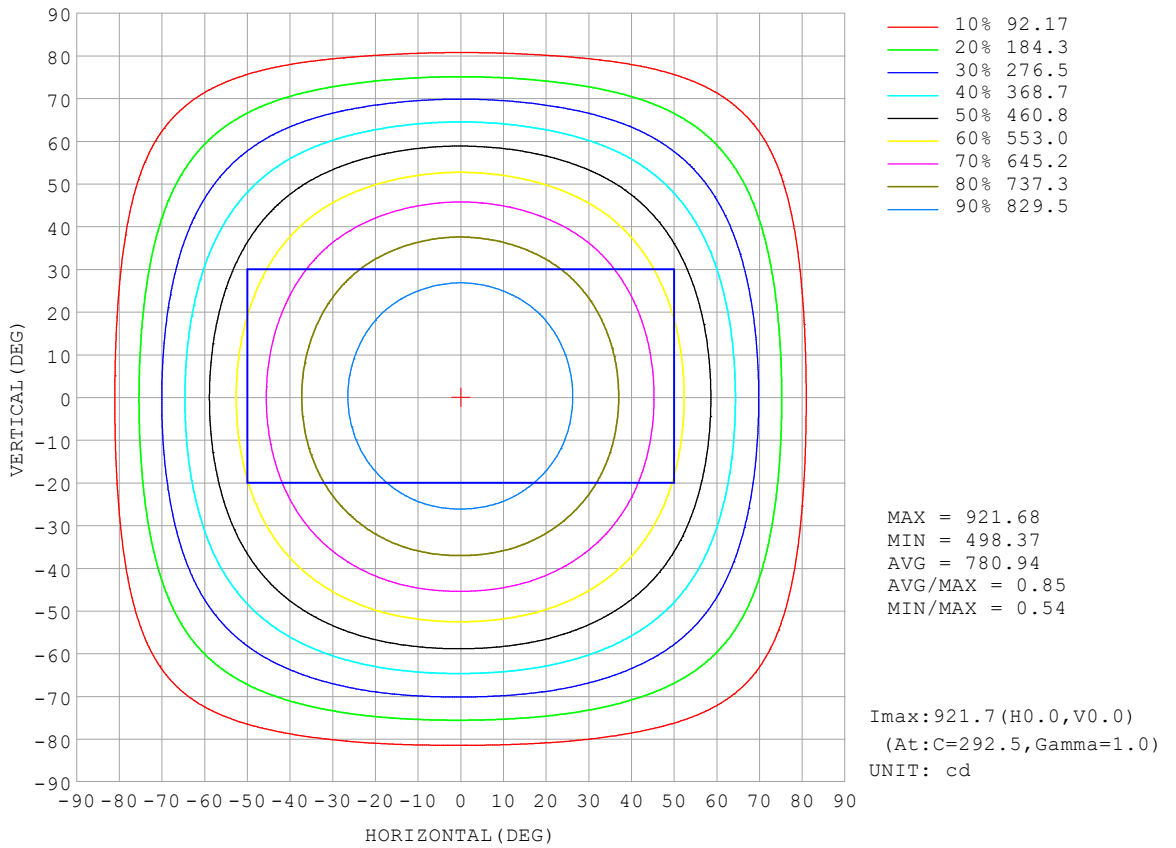
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	47
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	67
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	81
5.00	108	103	99	105	101	97	100	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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 C Interval: 22.5DEG
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ISOCANDELA DIAGRAM

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SPEC.: 22W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

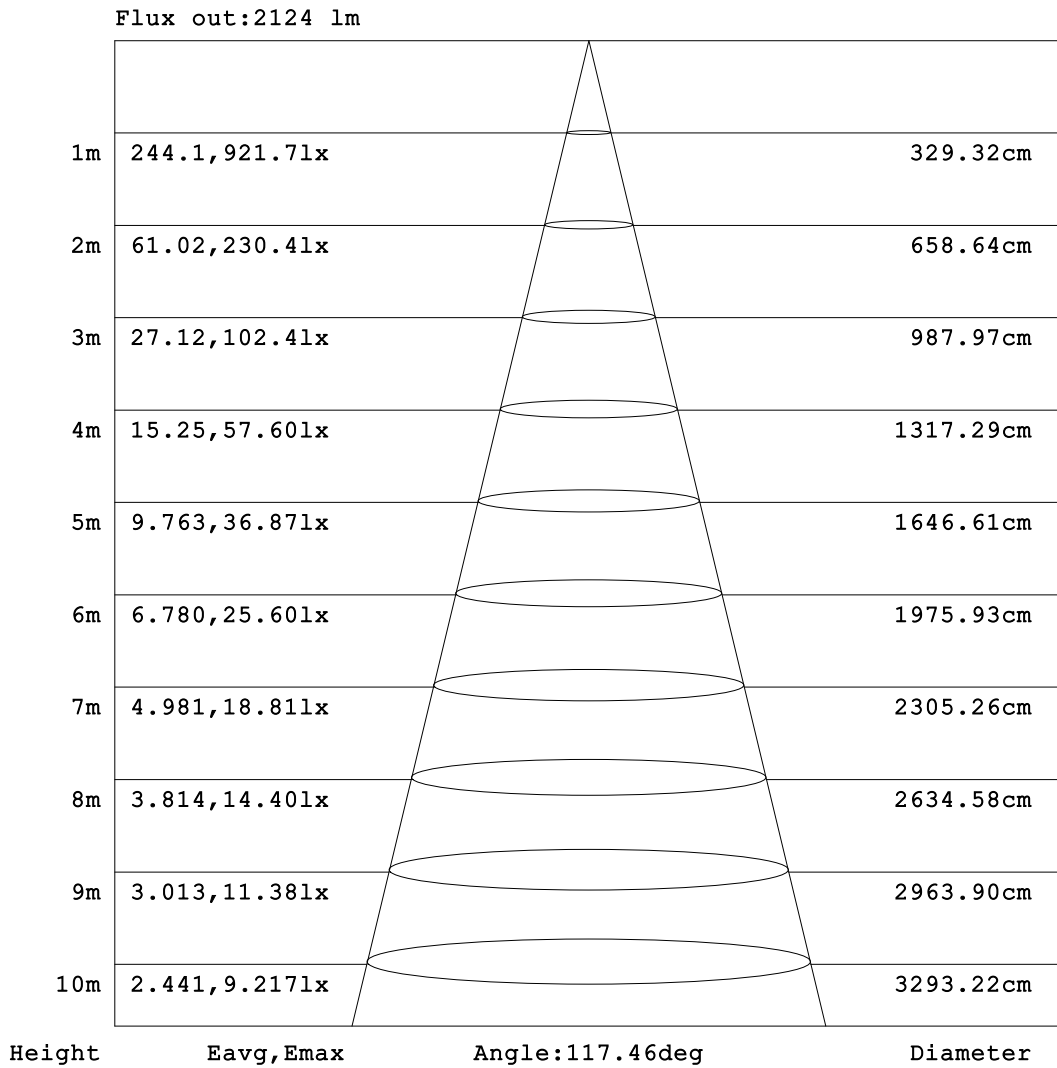


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-08-21

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:

AAI Figure

Test:U:24.000V I:0.9600A P:23.040W PF:1.0007 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.73 Lamp Flux:2843.28x1 lm		
NAME: 7094 2835 240LED. 4000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:



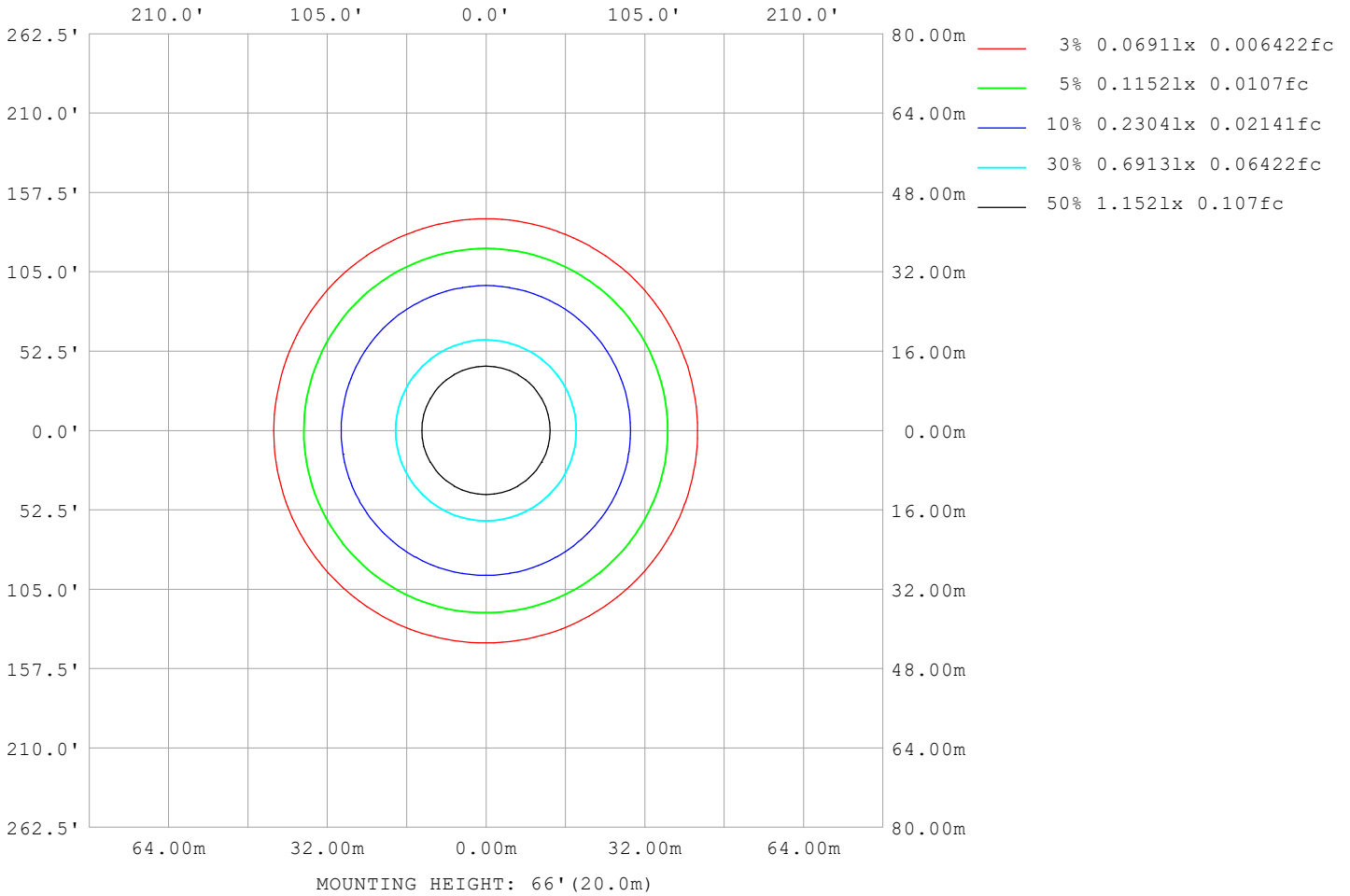
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:24.000V I:0.9600A P:23.040W PF:1.0007 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.73 Lamp Flux:2843.28x1 lm		
NAME: 7094 2835 240LED. 4000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	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:24.000V I:0.9600A P:23.040W PF:1.0007 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.73 Lamp Flux:2843.28x1 lm		
NAME: 7094 2835 240LED. 4000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

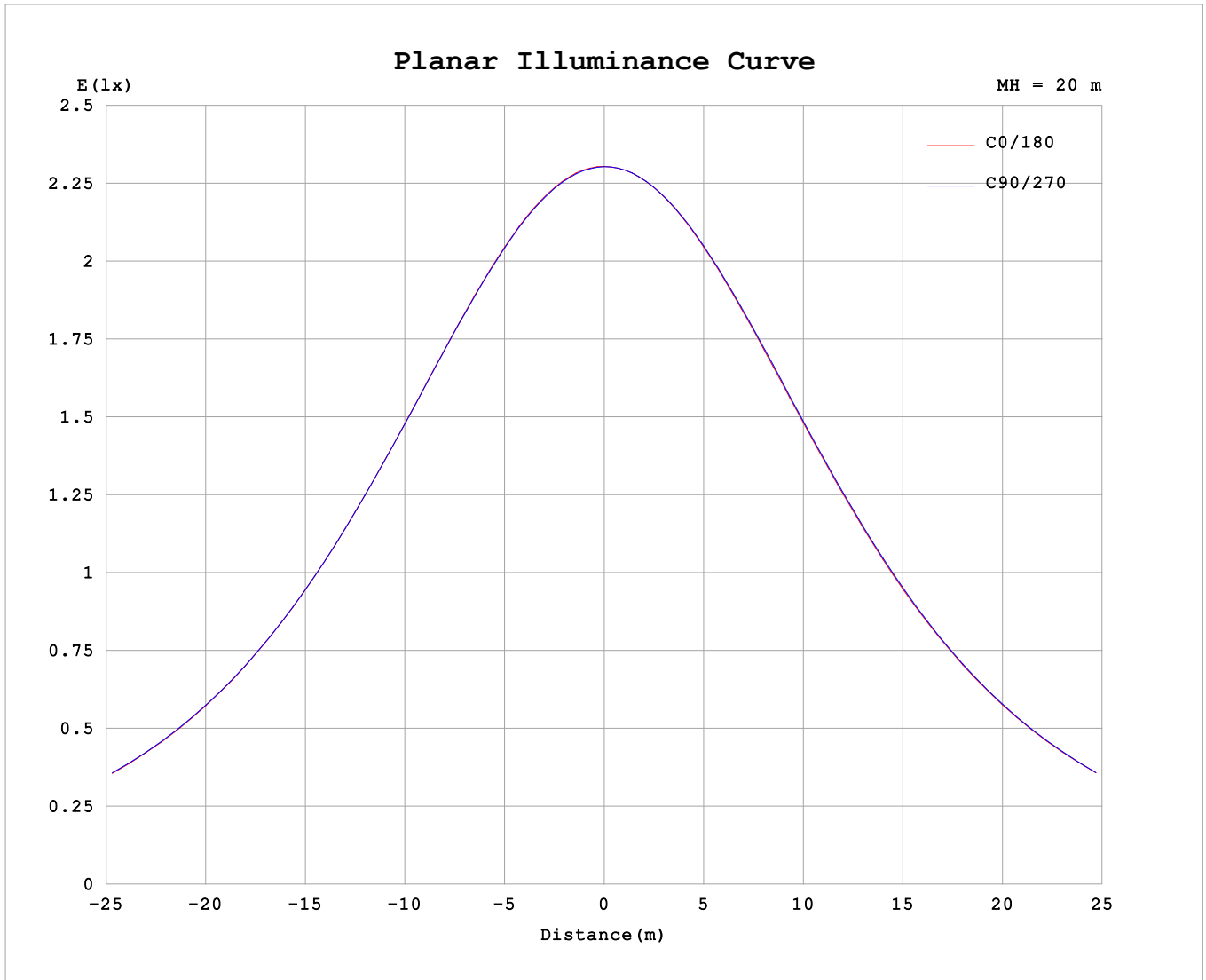
AvgL	cd/m2
L_0~180 (65) av	106555
L_0~180 (75) av	91386
L_0~180 (85) av	57657
L_90~270 (65) av	107017
L_90~270 (75) av	91866
L_90~270 (85) av	60305
L_45 (65) av	106985
L_45 (75) av	91901
L_45 (85) av	59898

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:24.000V I:0.9600A P:23.040W PF:1.0007 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:24.73 Lamp Flux:2843.28x1 lm		
NAME: 7094 2835 240LED. 4000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	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	921	921	921	921	921	921	921	921	921	921	921	921	921	921	921	921			
5	918	918	918	918	918	918	918	918	919	919	919	919	919	919	919	919			
10	909	908	908	908	908	908	908	909	909	909	910	910	910	910	910	909			
15	892	892	891	891	891	892	891	892	892	893	894	894	894	894	894	893			
20	868	868	868	868	868	868	868	869	869	870	871	871	872	871	871	869			
25	838	838	837	838	837	838	838	839	839	840	841	841	842	841	841	839			
30	801	801	800	801	801	802	801	802	802	803	805	805	806	805	804	802			
35	757	757	756	758	757	759	758	759	759	759	761	761	762	761	761	758			
40	706	707	706	708	707	709	708	709	709	709	711	711	712	710	710	707			
45	648	649	649	651	651	652	652	652	652	652	654	653	654	653	653	650			
50	585	586	586	588	588	590	589	589	588	588	590	589	590	589	589	586			
55	515	516	516	519	518	521	520	520	519	518	520	519	520	518	519	516			
60	439	441	441	444	444	446	445	445	443	442	443	442	443	441	442	440			
65	358	360	361	364	364	366	365	364	362	360	361	359	360	359	360	358			
70	273	276	277	280	279	282	280	280	277	275	275	272	273	272	274	272			
75	188	191	192	194	195	196	195	194	191	188	187	185	186	185	187	186			
80	106	109	111	114	114	115	113	112	108	105	104	102	103	102	104	103			
85	40.3	43.1	45.0	47.2	46.7	48.1	46.3	44.8	40.1	38.1	37.5	37.0	37.4	37.4	38.1	37.2			
90	7.40	8.51	9.48	8.41	4.93	8.36	9.43	8.08	3.53	3.91	5.08	4.40	2.09	3.88	4.76	4.04			
95	6.07	6.19	6.43	6.61	6.69	6.49	6.24	5.98	1.38	1.33	1.38	1.43	1.51	1.47	1.45	1.37			
100	7.97	8.12	8.36	8.52	8.60	8.38	8.11	7.81	2.11	2.06	2.10	2.20	2.35	2.24	2.18	2.11			
105	9.92	10.1	10.3	10.4	10.5	10.2	9.99	9.69	3.09	2.96	3.01	3.19	3.43	3.23	3.10	3.01			
110	11.8	12.0	12.2	12.1	12.3	12.0	11.8	11.5	4.22	4.01	4.09	4.36	4.79	4.41	4.19	4.06			
115	13.6	13.8	13.8	13.6	14.0	13.6	13.3	13.2	5.45	5.19	5.27	5.60	6.26	5.67	5.37	5.22			
120	15.3	15.4	15.1	15.0	15.4	15.0	14.7	14.7	6.63	6.34	6.44	6.82	7.69	6.94	6.53	6.34			
125	16.7	16.8	16.3	16.3	16.7	16.1	16.0	16.0	7.76	7.50	7.57	7.96	9.06	8.16	7.65	7.40			
130	17.9	17.9	17.3	17.4	17.8	17.0	17.1	17.0	8.83	8.63	8.68	9.09	10.4	9.35	8.80	8.47			
135	18.9	18.9	18.1	18.2	18.8	17.7	18.1	18.0	9.83	9.75	9.76	10.2	11.5	10.5	9.96	9.49			
140	19.6	19.7	18.9	18.7	19.5	18.5	18.9	18.8	10.8	10.8	10.8	11.3	12.6	11.6	11.1	10.5			
145	20.3	20.4	19.5	19.1	20.1	19.3	19.6	19.4	11.6	11.8	11.9	12.6	13.5	12.6	12.2	11.6			
150	20.7	20.9	20.0	19.8	20.6	20.2	20.2	20.0	12.4	12.8	13.0	13.8	14.3	13.6	13.3	12.6			
155	21.0	21.2	20.4	20.4	20.9	20.9	20.9	20.5	13.2	13.8	14.0	15.1	15.2	14.6	14.5	13.8			
160	21.1	21.4	20.8	20.7	21.3	21.4	21.5	20.7	14.3	14.8	15.3	16.4	16.2	15.6	15.8	15.1			
165	21.3	21.7	21.0	20.9	21.4	21.7	21.9	21.1	16.0	16.2	16.6	17.7	17.4	16.9	17.1	16.7			
170	21.6	21.6	20.9	21.6	21.5	21.7	22.0	21.1	18.1	17.8	18.0	19.2	18.7	18.3	18.5	18.3			
175	21.9	21.2	20.7	21.6	21.2	21.4	21.7	21.0	20.3	19.5	19.5	20.5	19.8	19.7	20.0	19.7			
180	22.0	21.2	20.7	21.6	21.0	21.1	21.5	20.9	22.0	21.2	20.7	21.6	21.0	21.1	21.5	20.9			

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]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4
3.0	920.5	920.4	920.2	920.2	920.0	920.1	920.1	920.3	920.4	920.5
6.0	917.1	917.0	916.7	916.6	916.4	916.5	916.6	916.9	917.2	917.3
9.0	911.1	911.0	910.6	910.7	910.4	910.7	910.7	911.1	911.4	911.6
12.0	902.7	902.6	902.0	902.2	901.9	902.3	902.2	902.8	903.1	903.4
15.0	891.9	891.7	891.1	891.3	891.0	891.6	891.4	892.1	892.5	892.8
18.0	878.5	878.4	877.7	878.1	877.8	878.4	878.1	878.9	879.3	879.7
21.0	862.7	862.6	861.9	862.5	862.1	862.8	862.6	863.3	863.8	864.1
24.0	844.4	844.5	843.8	844.4	844.1	844.9	844.5	845.4	845.7	846.1
27.0	823.7	823.8	823.1	823.9	823.6	824.5	824.1	824.9	825.2	825.6
30.0	800.6	800.7	800.0	800.9	800.6	801.7	801.3	802.1	802.4	802.8
33.0	775.1	775.2	774.7	775.8	775.5	776.7	776.2	776.9	777.2	777.5
36.0	747.0	747.4	746.8	748.1	747.8	749.2	748.6	749.3	749.4	749.6
39.0	716.6	717.1	716.5	718.1	717.8	719.3	718.5	719.3	719.2	719.4
42.0	683.8	684.4	684.0	685.7	685.4	687.0	686.4	686.9	686.7	686.8
45.0	648.5	649.5	649.0	650.8	650.7	652.5	651.6	652.1	651.7	651.5
48.0	611.0	611.8	611.8	613.8	613.5	615.5	614.6	615.1	614.5	614.2
51.0	571.4	572.5	572.4	574.6	574.4	576.3	575.4	575.9	574.9	574.4
54.0	529.2	530.7	530.6	533.1	532.9	534.9	533.9	534.3	533.2	532.4
57.0	485.1	486.8	486.9	489.4	489.1	491.4	490.0	490.6	489.3	488.1
60.0	438.9	440.9	441.1	443.7	443.5	445.8	444.6	444.7	443.2	441.8
63.0	390.9	393.1	393.5	396.2	396.1	398.3	397.1	397.0	395.3	393.4
66.0	341.2	343.9	344.2	347.0	346.8	349.2	347.7	347.8	345.6	343.2
69.0	290.5	293.4	293.8	296.8	296.6	299.0	297.5	297.3	294.6	291.9
72.0	238.9	241.7	242.5	245.4	245.5	247.6	246.0	245.6	242.6	239.7
75.0	187.7	190.6	191.8	194.5	194.7	196.5	195.1	194.1	190.7	187.7
78.0	137.9	140.8	142.0	144.9	145.4	146.7	145.1	144.0	140.1	137.1
81.0	91.30	94.42	95.86	98.88	99.28	100.4	98.12	97.03	92.77	89.16
84.0	51.57	54.37	56.25	58.90	58.78	59.82	57.90	56.32	51.81	49.36
87.0	21.96	24.49	26.31	27.04	25.52	27.41	26.90	25.41	20.46	19.35
90.0	7.398	8.512	9.477	8.407	4.926	8.359	9.431	8.083	3.528	3.908
93.0	5.699	5.680	5.702	5.868	5.945	5.768	5.549	5.315	1.188	1.163
96.0	6.440	6.558	6.807	6.989	7.058	6.874	6.610	6.337	1.497	1.456
99.0	7.570	7.718	7.977	8.141	8.216	8.007	7.731	7.437	1.944	1.885
102.0	8.747	8.912	9.166	9.277	9.378	9.150	8.873	8.559	2.484	2.391
105.0	9.920	10.10	10.34	10.38	10.53	10.25	9.987	9.687	3.093	2.958
108.0	11.07	11.25	11.46	11.43	11.63	11.31	11.08	10.78	3.758	3.567
111.0	12.20	12.38	12.52	12.41	12.70	12.32	12.11	11.84	4.467	4.253
114.0	13.27	13.46	13.49	13.33	13.68	13.27	13.05	12.86	5.197	4.945
117.0	14.30	14.47	14.37	14.21	14.59	14.16	13.92	13.81	5.927	5.656
120.0	15.25	15.38	15.15	15.04	15.45	14.98	14.73	14.68	6.633	6.337
123.0	16.12	16.25	15.85	15.80	16.24	15.72	15.53	15.46	7.317	7.039
126.0	16.93	17.01	16.51	16.52	16.96	16.31	16.27	16.18	7.978	7.730
129.0	17.66	17.72	17.10	17.17	17.63	16.81	16.93	16.85	8.625	8.413
132.0	18.34	18.36	17.63	17.71	18.23	17.27	17.51	17.43	9.229	9.080
135.0	18.95	18.93	18.13	18.20	18.75	17.70	18.06	17.95	9.828	9.746
138.0	19.35	19.43	18.59	18.56	19.21	18.15	18.56	18.47	10.40	10.39
141.0	19.75	19.86	18.99	18.76	19.63	18.67	19.00	18.92	10.93	11.00
144.0	20.16	20.24	19.35	19.00	20.00	19.16	19.42	19.32	11.45	11.62
147.0	20.48	20.58	19.68	19.38	20.32	19.69	19.82	19.67	11.90	12.21
150.0	20.69	20.86	19.99	19.78	20.60	20.17	20.21	20.00	12.38	12.80
153.0	20.89	21.08	20.26	20.14	20.80	20.61	20.58	20.32	12.85	13.40
156.0	20.97	21.24	20.46	20.46	21.02	21.00	21.00	20.51	13.38	14.00
159.0	21.03	21.40	20.68	20.67	21.24	21.33	21.37	20.69	14.04	14.60
162.0	21.12	21.51	20.86	20.79	21.39	21.57	21.64	20.88	14.87	15.38
165.0	21.30	21.67	20.98	20.89	21.44	21.75	21.85	21.07	15.98	16.23
168.0	21.52	21.70	21.01	21.07	21.48	21.77	21.94	21.13	17.21	17.15
171.0	21.69	21.57	20.90	21.68	21.45	21.66	21.92	21.11	18.52	18.11
174.0	21.81	21.32	20.71	21.65	21.23	21.43	21.76	21.02	19.91	19.17
177.0	22.20	21.38	20.78	21.64	21.06	21.26	21.62	21.00	21.04	20.21
180.0	22.02	21.18	20.71	21.59	20.99	21.09	21.46	20.94	22.02	21.18
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	921.4	921.4	921.4	921.4	921.4	921.4				
3.0	920.7	920.7	920.7	920.7	920.7	920.6				
6.0	917.7	917.7	917.8	917.7	917.7	917.3				
9.0	912.2	912.3	912.5	912.2	912.2	911.6				
12.0	904.2	904.3	904.6	904.2	904.1	903.3				
15.0	893.8	893.9	894.3	893.8	893.6	892.5				
18.0	880.8	881.1	881.6	880.9	880.7	879.3				
21.0	865.4	865.7	866.3	865.6	865.2	863.7				
24.0	847.6	847.9	848.6	847.7	847.3	845.7				
27.0	827.4	827.6	828.3	827.4	827.0	825.1				
30.0	804.6	804.8	805.6	804.5	804.2	802.0				

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]

33.0	779.4	779.5	780.5	779.3	779.0	776.5
36.0	751.6	751.8	752.7	751.5	751.2	748.5
39.0	721.4	721.5	722.5	721.2	720.8	718.2
42.0	688.8	688.7	689.7	688.3	688.2	685.3
45.0	653.7	653.4	654.5	653.0	652.9	650.0
48.0	616.2	615.8	616.8	615.3	615.3	612.5
51.0	576.3	575.7	576.8	575.3	575.4	572.5
54.0	534.2	533.4	534.4	532.7	533.2	530.4
57.0	489.8	488.6	489.5	488.1	488.7	485.9
60.0	443.2	441.7	442.6	441.1	442.1	439.6
63.0	394.6	392.8	393.8	392.3	393.5	391.2
66.0	344.3	342.1	343.1	341.6	343.2	341.1
69.0	292.6	290.1	291.2	289.6	291.7	289.7
72.0	239.9	237.3	238.2	237.1	239.1	237.7
75.0	187.4	185.0	185.7	184.9	186.8	185.9
78.0	136.5	134.3	135.2	134.3	136.2	135.5
81.0	89.32	87.11	88.17	87.63	89.16	88.30
84.0	49.33	48.08	48.50	48.53	49.29	48.28
87.0	20.05	18.84	19.01	18.21	19.94	18.91
90.0	5.080	4.399	2.088	3.880	4.759	4.040
93.0	1.157	1.201	1.248	1.242	1.238	1.330
96.0	1.496	1.560	1.642	1.605	1.575	1.493
99.0	1.933	2.027	2.151	2.066	2.020	1.928
102.0	2.439	2.571	2.732	2.608	2.526	2.447
105.0	3.009	3.193	3.426	3.226	3.095	3.009
108.0	3.641	3.873	4.219	3.913	3.735	3.621
111.0	4.330	4.609	5.081	4.652	4.427	4.289
114.0	5.033	5.351	5.982	5.415	5.136	4.990
117.0	5.730	6.075	6.838	6.166	5.829	5.678
120.0	6.439	6.820	7.691	6.938	6.530	6.341
123.0	7.123	7.500	8.517	7.680	7.214	6.977
126.0	7.807	8.190	9.323	8.390	7.877	7.609
129.0	8.457	8.863	10.12	9.112	8.572	8.265
132.0	9.124	9.515	10.85	9.830	9.265	8.885
135.0	9.761	10.17	11.54	10.51	9.958	9.487
138.0	10.41	10.84	12.18	11.17	10.66	10.10
141.0	11.04	11.54	12.77	11.81	11.32	10.72
144.0	11.70	12.31	13.33	12.43	11.99	11.35
147.0	12.34	13.06	13.84	13.03	12.64	11.98
150.0	12.97	13.83	14.31	13.62	13.28	12.62
153.0	13.59	14.59	14.84	14.20	13.98	13.30
156.0	14.28	15.35	15.38	14.79	14.72	14.06
159.0	15.03	16.10	16.02	15.40	15.51	14.84
162.0	15.80	16.90	16.70	16.10	16.29	15.74
165.0	16.57	17.69	17.41	16.85	17.07	16.71
168.0	17.41	18.57	18.17	17.70	17.90	17.70
171.0	18.27	19.45	18.92	18.54	18.79	18.64
174.0	19.17	20.23	19.60	19.44	19.75	19.47
177.0	19.94	20.91	20.27	20.29	20.65	20.20
180.0	20.71	21.59	20.98	21.09	21.46	20.92

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: