

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

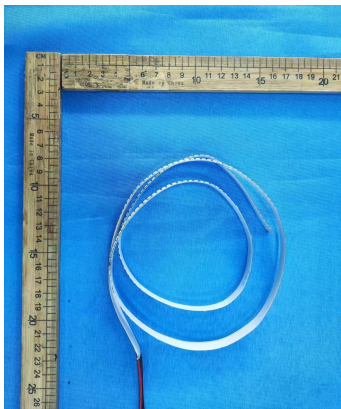
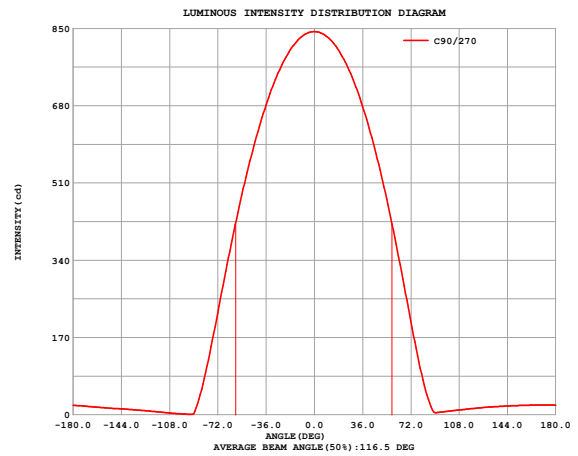
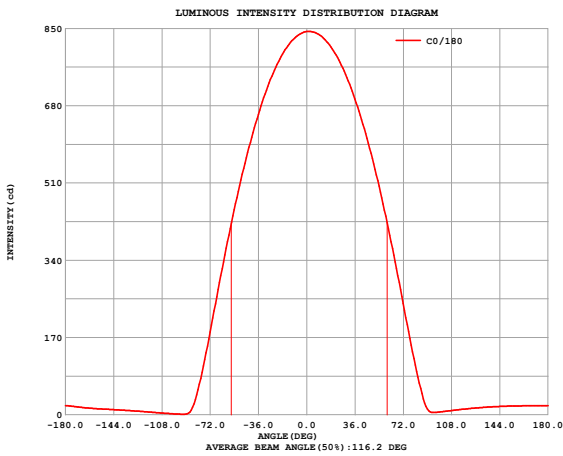
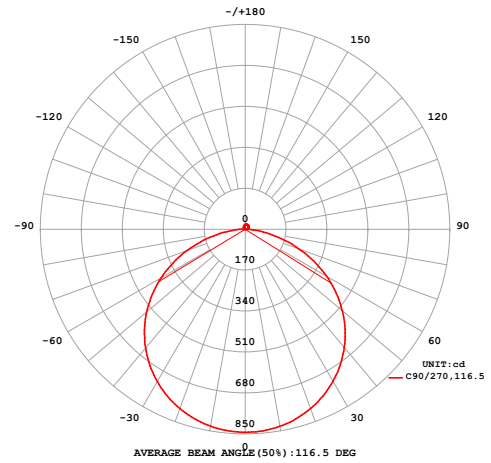
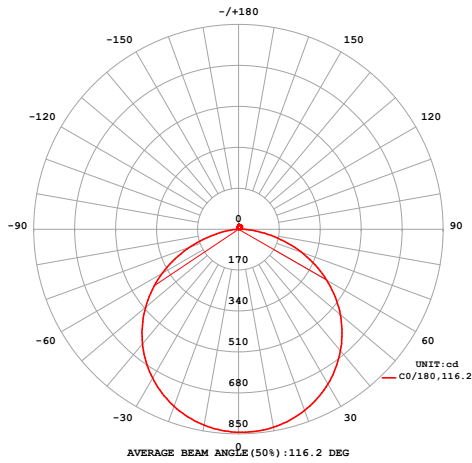


Fig. C0/C180

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

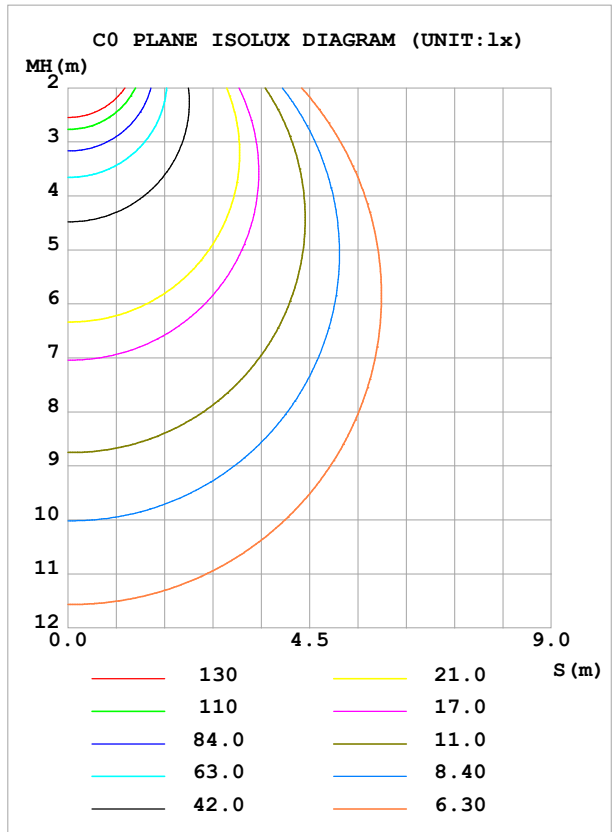
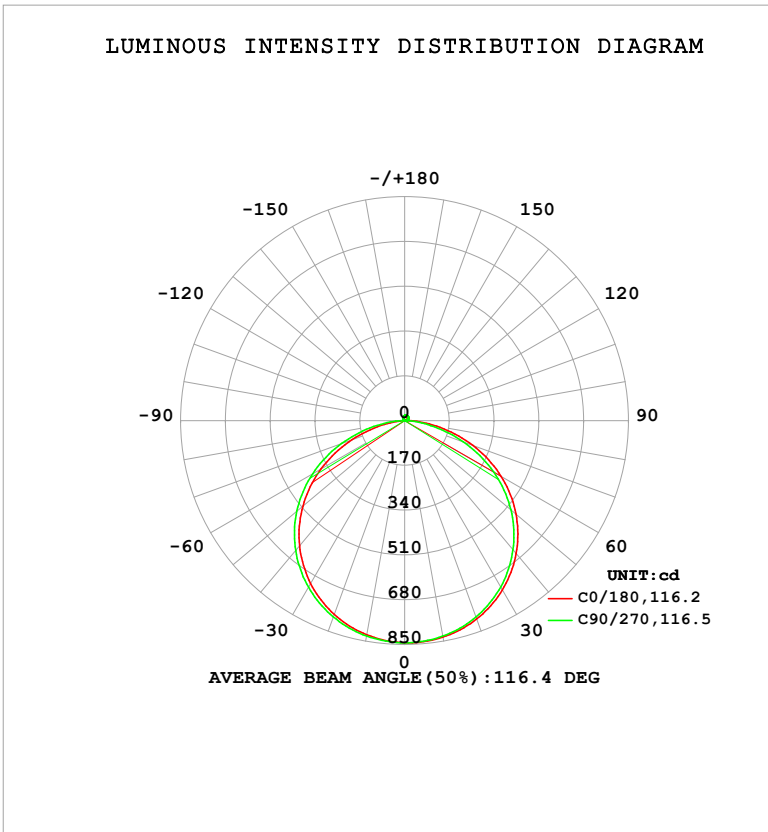
Fig. C90/C270

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:0.9500A P:22.800W PF:1.0002 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm		
NAME: 7093 2835 240LED. 3000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	843.3	S/MH (C0/180)	1.26
NOMINAL POWER (W)	22	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	2580.5	η UP, DN (C0-180)	1.6, 48.7
NOMINAL FLUX (lm)	2580.46	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.9, 48.7
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	97.5	CIBSE SHR MAX	1.35



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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	834.7	833.2	830.7	827.3	825.6	830.9	830.3	833.4	0- 10	79.88	79.88	3.1,3.1
20	801.0	801.6	792.8	786.0	782.7	794.1	792.6	798.7	10- 20	230.2	310.1	12,12
30	742.1	745.3	729.2	718.6	714.0	729.3	730.4	739.2	20- 30	352.9	662.9	25.7,25.7
40	658.7	661.8	640.3	626.5	620.8	637.9	643.9	655.5	30- 40	431.8	1095	42.4,42.4
50	551.8	551.0	526.5	509.9	504.0	522.7	534.4	548.7	40- 50	455.3	1550	60.1,60.1
60	423.0	416.8	390.1	371.4	366.3	386.1	403.3	420.5	50- 60	417.3	1967	76.2,76.2
70	275.6	264.1	237.0	217.3	212.9	233.0	254.9	273.9	60- 70	319.9	2287	88.6,88.6
80	123.4	110.1	89.54	73.12	67.50	84.92	106.9	123.0	70- 80	179.5	2467	95.6,95.6
90	12.67	10.94	4.450	7.441	1.566	4.835	2.406	13.69	80- 90	48.01	2515	97.5,97.5
100	6.396	7.090	7.760	7.928	2.251	2.205	2.200	1.850	90-100	4.713	2519	97.6,97.6
110	9.938	10.65	11.25	11.35	4.357	4.273	4.599	3.796	100-110	6.446	2526	97.9,97.9
120	13.24	13.63	14.37	14.20	6.688	6.669	7.465	6.160	110-120	8.842	2535	98.2,98.2
130	15.92	15.97	16.90	16.57	8.810	9.003	10.04	8.440	120-130	10.31	2545	98.6,98.6
140	17.81	17.85	18.80	18.41	10.72	11.29	12.29	10.73	130-140	10.59	2556	99,99
150	19.09	19.28	20.14	19.85	12.31	13.44	14.07	12.79	140-150	9.744	2565	99.4,99.4
160	19.71	20.14	21.09	20.94	14.09	15.51	16.22	15.00	150-160	7.916	2573	99.7,99.7
170	19.92	20.47	21.46	21.52	17.08	18.18	18.83	17.79	160-170	5.272	2579	99.9,99.9
180	20.31	20.73	21.10	21.03	20.31	20.74	21.08	21.04	170-180	1.908	2580	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1323.2 lm

%lum = 51.3%

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Conical surface Flux(120deg): 1967.4 lm

%lum = 76.2%

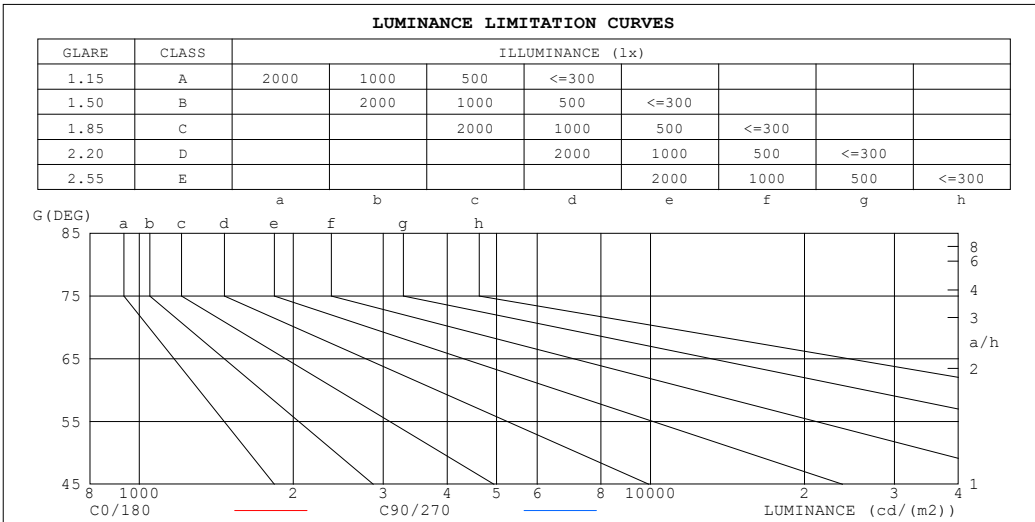
%lamp = 76.2%

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:0.9500A P:22.800W PF:1.0002 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm		
NAME: 7093 2835 240LED. 3000K 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	83338	49306
80	88763	64873
75	95805	77721
70	100664	87163
65	103832	93798
60	105671	98164
55	106721	101113
50	107242	103055
45	107415	104349

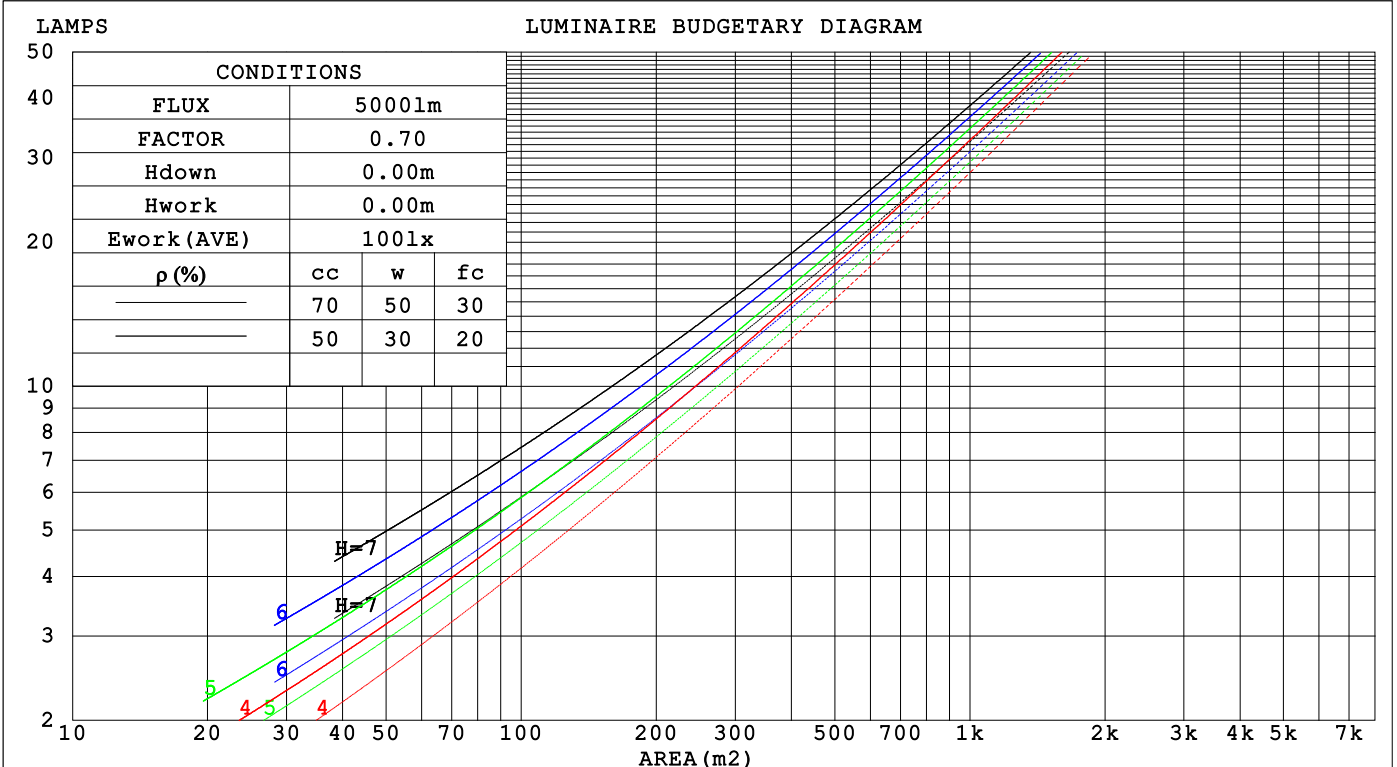
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.9500A P:22.800W PF:1.0002 Freq:0Hz		
UTHdi:0.00% ITHdi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm		
NAME: 7093 2835 240LED. 3000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.87	.88	.85	.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	.62	.70	.65	.60	.67	.63	.59	.56
4.0	.69	.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	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.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:0.9500A P:22.800W PF:1.0002 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm		
NAME: 7093 2835 240LED. 3000K 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	.311	.177	.056	.303	.173	.055	.289	.166	.053	.275	.159	.051	.263	.152	.049	
2.0	.293	.161	.049	.286	.158	.049	.273	.152	.047	.261	.146	.046	.250	.141	.045	
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.243	.133	.041	.233	.129	.040	
4.0	.250	.130	.038	.245	.128	.038	.234	.124	.037	.225	.121	.036	.216	.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	.031	.202	.103	.030	.194	.101	.030	.187	.098	.029	
7.0	.199	.099	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.174	.091	.027	
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024	
9.0	.174	.084	.024	.171	.083	.023	.165	.082	.023	.159	.080	.023	.154	.078	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.200	.176	.154	.171	.151	.132	.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	.081	.109	.080	.057	.063	.047	.034	.020	.015	.011	
4.0	.177	.121	.078	.152	.104	.068	.104	.073	.048	.060	.043	.028	.019	.014	.009	
5.0	.170	.111	.067	.146	.096	.058	.100	.067	.041	.058	.039	.024	.019	.013	.008	
6.0	.162	.102	.059	.140	.089	.051	.096	.062	.036	.056	.036	.022	.018	.012	.007	
7.0	.156	.095	.053	.134	.083	.046	.093	.058	.033	.054	.034	.020	.017	.011	.006	
8.0	.149	.090	.049	.128	.078	.043	.089	.055	.030	.052	.032	.018	.017	.011	.006	
9.0	.143	.085	.045	.123	.074	.040	.085	.052	.028	.050	.031	.017	.016	.010	.006	
10.0	.137	.080	.043	.119	.070	.037	.082	.049	.026	.048	.029	.016	.016	.010	.005	

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:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.9500A P:22.800W PF:1.0002 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm										
NAME: 7093 2835 240LED. 3000K 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	25.9	27.4	26.2	27.6	27.9	25.7	27.2	26.0	27.4	27.7
3H	27.5	28.9	27.9	29.2	29.5	27.1	28.5	27.5	28.8	29.1
4H	28.2	29.5	28.6	29.8	30.1	27.7	29.0	28.0	29.3	29.6
6H	28.7	30.0	29.1	30.3	30.6	28.0	29.3	28.4	29.6	29.9
8H	28.9	30.1	29.3	30.4	30.8	28.1	29.3	28.5	29.6	30.0
12H	29.0	30.2	29.4	30.5	30.9	28.1	29.3	28.5	29.6	30.0
4H 2H	26.5	27.8	26.8	28.1	28.4	26.3	27.6	26.7	27.9	28.2
3H	28.3	29.5	28.7	29.8	30.2	28.0	29.1	28.4	29.5	29.8
4H	29.1	30.2	29.6	30.6	30.9	28.7	29.7	29.1	30.1	30.5
6H	29.8	30.7	30.2	31.1	31.5	29.1	30.0	29.6	30.4	30.9
8H	30.0	30.9	30.5	31.3	31.7	29.3	30.1	29.7	30.5	31.0
12H	30.2	31.0	30.6	31.4	31.9	29.3	30.1	29.8	30.5	31.0
8H 4H	29.4	30.3	29.8	30.7	31.1	29.0	29.8	29.4	30.2	30.7
6H	30.2	30.9	30.7	31.3	31.8	29.6	30.3	30.0	30.7	31.2
8H	30.5	31.1	31.0	31.6	32.1	29.8	30.4	30.3	30.9	31.4
12H	30.7	31.3	31.3	31.8	32.3	29.9	30.5	30.4	31.0	31.5
12H 4H	29.4	30.2	29.9	30.6	31.1	29.0	29.8	29.4	30.2	30.7
6H	30.2	30.9	30.7	31.3	31.8	29.6	30.3	30.1	30.7	31.2
8H	30.6	31.1	31.1	31.6	32.1	29.9	30.4	30.4	30.9	31.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 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, 2580 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.3)
 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

Test:U:24.000V I:0.9500A P:22.800W PF:1.0002 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm		
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MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

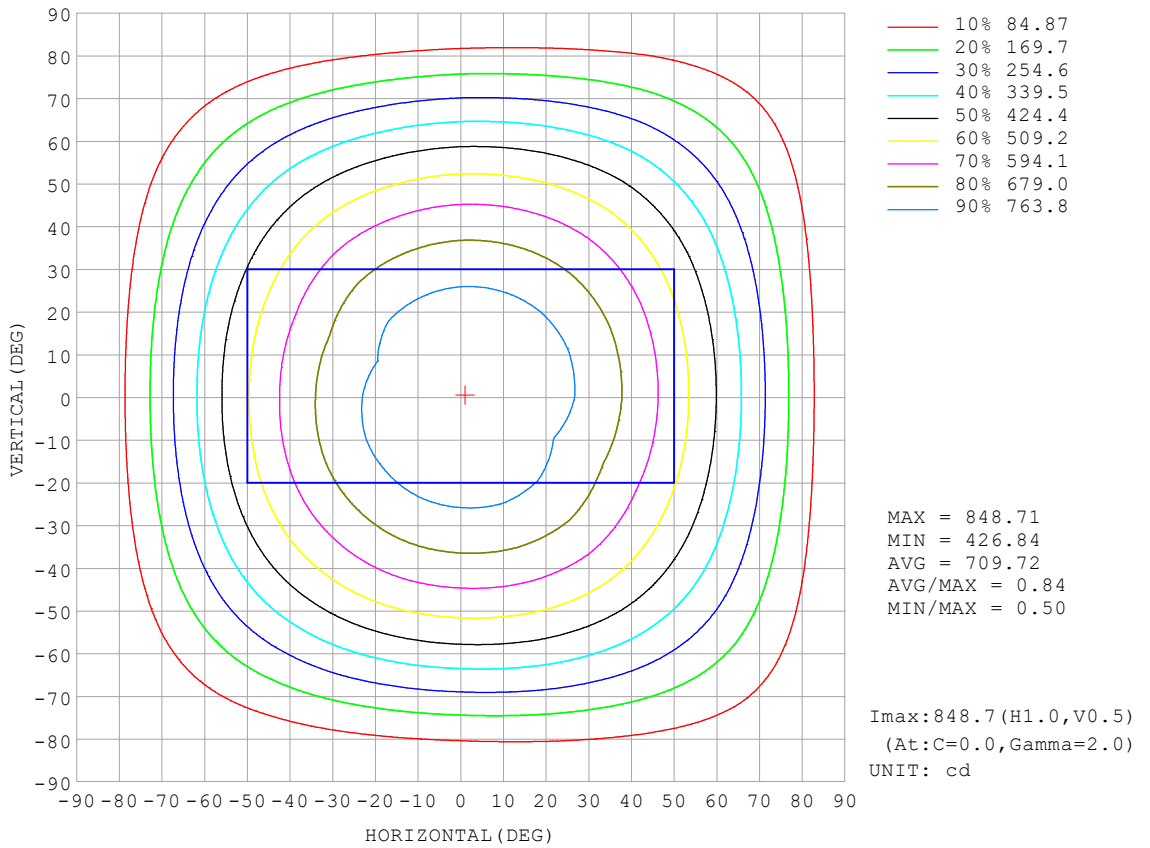
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	44	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	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	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			

C Range: 0 - 360DEG
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ISOCANDELA DIAGRAM

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



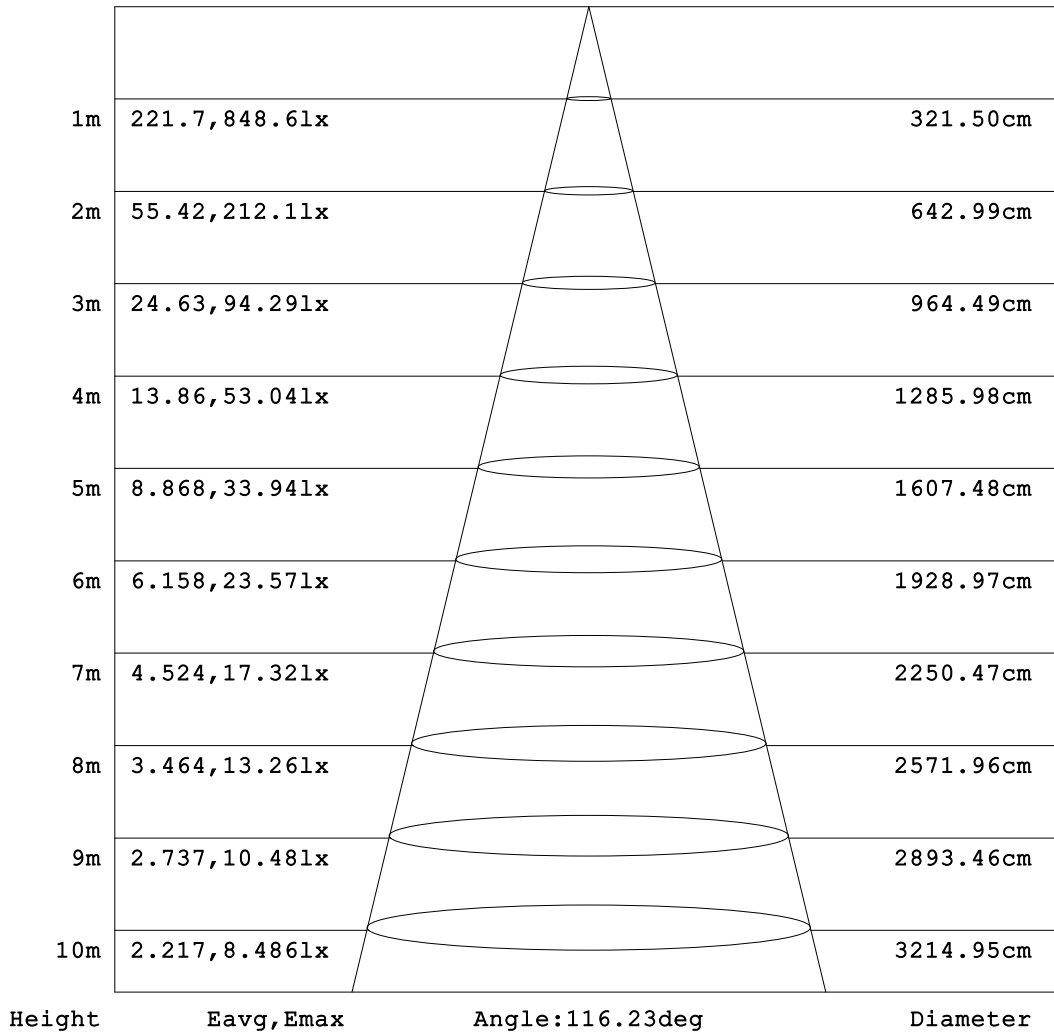
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-08-21

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:0.9500A P:22.800W PF:1.0002 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm		
NAME: 7093 2835 240LED. 3000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

Flux out:1929 lm



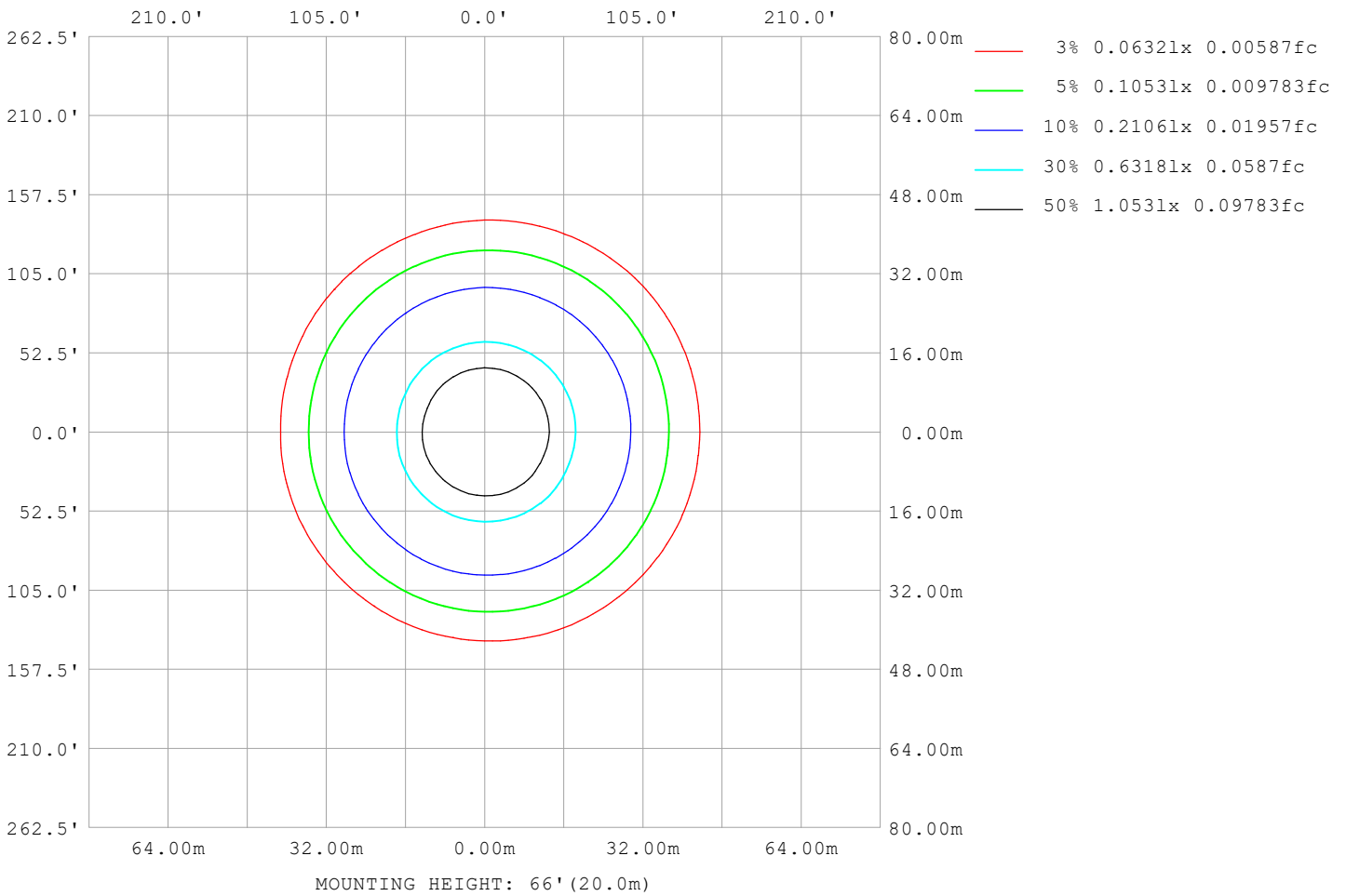
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.9500A P:22.800W PF:1.0002 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm		
NAME: 7093 2835 240LED. 3000K 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:0.9500A P:22.800W PF:1.0002 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm		
NAME: 7093 2835 240LED. 3000K 24V	TYPE:	WEIGHT:
SPEC.: 22W	DIM.:	SERIAL No.:
MFR.: NORDECOR	SUR.: 0.008m*1m	Shielding Angle:

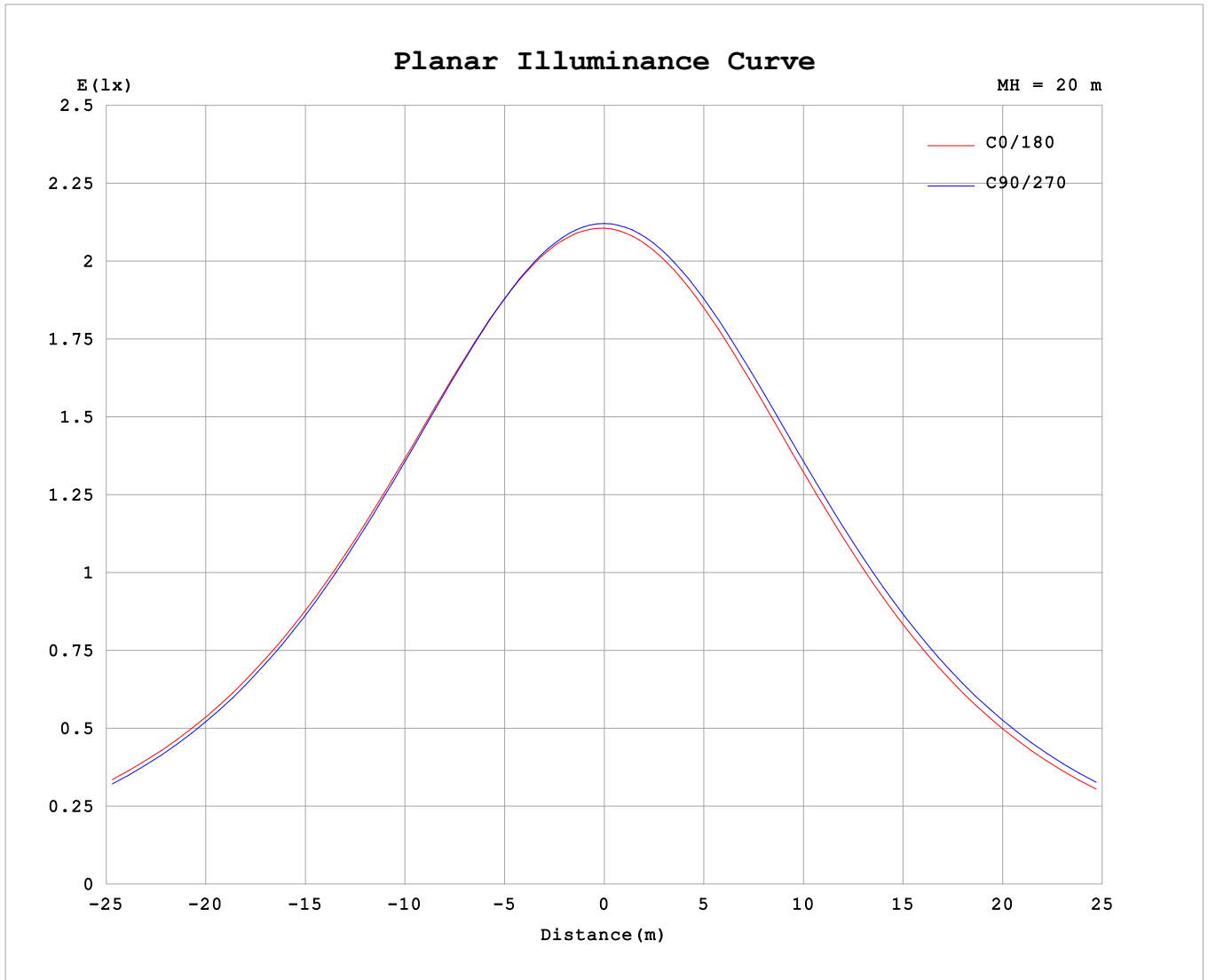
AvgL	cd/m2
L_0~180 (65) av	95006
L_0~180 (75) av	80805
L_0~180 (85) av	53550
L_90~270 (65) av	95525
L_90~270 (75) av	81803
L_90~270 (85) av	56524
L_45 (65) av	95995
L_45 (75) av	81941
L_45 (85) av	58868

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:0.9500A P:22.800W PF:1.0002 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:24.76 Lamp Flux:2580.46x1 lm		
NAME: 7093 2835 240LED. 3000K 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	843	843	843	843	843	843	843	843	843	843	843	843	843	843	843	843			
5	842	841	841	841	840	839	838	838	838	839	840	839	840	841	841	842			
10	835	834	833	833	831	829	827	826	826	829	831	828	830	832	833	834			
15	821	821	820	818	815	813	810	808	807	812	816	812	815	817	819	820			
20	801	802	802	797	793	790	786	784	783	790	794	789	793	796	799	800			
25	775	776	777	769	764	760	755	753	751	761	765	760	765	768	772	774			
30	742	745	745	735	729	724	719	716	714	726	729	724	730	735	739	741			
35	703	708	707	695	688	682	676	672	670	685	687	683	690	695	700	702			
40	659	665	662	648	640	634	627	623	621	636	638	636	644	650	656	658			
45	608	616	609	596	586	579	571	567	565	582	583	583	592	599	605	607			
50	552	560	551	537	527	519	510	506	504	521	523	524	534	542	549	551			
55	490	498	487	472	461	452	443	439	438	454	457	460	471	480	487	489			
60	423	430	417	402	390	381	371	368	366	382	386	391	403	412	420	423			
65	351	357	342	328	315	305	296	292	291	305	311	317	331	340	349	351			
70	276	279	264	250	237	227	217	214	213	225	233	241	255	265	274	276			
75	199	199	185	172	160	150	141	137	136	146	155	165	179	188	197	199			
80	123	122	110	100	89.5	81.3	73.1	69.4	67.5	75.1	84.9	94.4	107	115	123	124			
85	58.1	56.2	49.3	42.3	34.2	29.9	25.1	20.9	16.5	21.7	30.5	37.0	44.7	53.3	59.3	58.6			
90	12.7	12.5	10.9	8.56	4.45	6.39	7.44	6.04	1.57	2.35	4.83	5.16	2.41	9.57	13.7	12.4			
95	5.12	5.74	5.90	5.68	6.03	6.17	6.18	6.13	1.47	1.46	1.45	1.41	1.40	1.31	2.00	1.75			
100	6.40	6.81	7.09	7.36	7.76	7.89	7.93	7.88	2.25	2.24	2.21	2.19	2.20	2.01	1.85	1.69			
105	8.16	8.62	8.89	9.07	9.55	9.60	9.68	9.66	3.23	3.19	3.15	3.18	3.26	2.97	2.72	2.53			
110	9.94	10.4	10.6	10.7	11.3	11.2	11.4	11.4	4.36	4.30	4.27	4.37	4.60	4.12	3.80	3.53			
115	11.7	12.2	12.2	12.2	12.9	12.8	12.9	13.0	5.54	5.51	5.47	5.62	6.05	5.37	4.98	4.69			
120	13.2	13.8	13.6	13.6	14.4	14.2	14.2	14.4	6.69	6.68	6.67	6.90	7.46	6.67	6.16	5.84			
125	14.7	15.3	14.9	14.9	15.7	15.4	15.4	15.7	7.77	7.86	7.85	8.10	8.78	7.94	7.32	6.94			
130	15.9	16.6	16.0	16.0	16.9	16.4	16.6	16.8	8.81	9.04	9.00	9.25	10.0	9.07	8.44	8.04			
135	17.0	17.7	17.0	17.0	17.9	17.2	17.5	17.7	9.81	10.20	10.2	10.3	11.2	10.2	9.62	9.10			
140	17.8	18.6	17.8	17.8	18.8	18.0	18.4	18.6	10.7	11.3	11.3	11.4	12.3	11.2	10.7	10.1			
145	18.6	19.4	18.6	18.3	19.6	18.8	19.2	19.3	11.6	12.3	12.4	12.6	13.3	12.1	11.8	11.2			
150	19.1	20.0	19.3	18.9	20.1	19.7	19.8	19.8	12.3	13.3	13.4	13.8	14.1	13.0	12.8	12.2			
155	19.5	20.5	19.8	19.6	20.6	20.6	20.4	20.3	13.1	14.3	14.5	15.1	15.0	14.1	13.8	13.3			
160	19.7	20.8	20.1	20.1	21.1	21.2	20.9	20.5	14.1	15.3	15.5	16.5	16.2	15.2	15.0	14.5			
165	19.8	20.9	20.4	20.4	21.3	21.6	21.4	20.6	15.3	16.3	16.8	17.8	17.5	16.5	16.3	15.8			
170	19.9	20.9	20.5	21.1	21.5	21.6	21.5	20.6	17.1	17.8	18.2	19.2	18.8	18.0	17.8	17.4			
175	20.2	20.7	20.4	21.3	21.2	21.5	21.4	20.5	18.9	19.5	19.6	20.6	20.0	19.6	19.4	18.7			
180	20.3	21.0	20.7	21.5	21.1	21.1	21.0	20.3	20.3	21.0	20.7	21.5	21.1	21.1	21.0	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	843.0	843.0	843.0	843.0	843.0	843.0	843.0	843.0	843.0	843.0
3.0	843.0	842.7	842.2	842.5	841.9	841.5	841.0	840.8	840.5	841.2
6.0	841.0	840.3	839.7	839.7	838.7	837.8	836.7	836.2	835.7	837.2
9.0	836.7	835.9	835.1	834.7	833.1	831.7	830.1	829.2	828.6	831.0
12.0	830.0	829.4	828.6	827.4	825.1	823.3	821.1	819.9	819.1	822.7
15.0	821.0	820.7	820.1	817.7	814.9	812.6	809.8	808.3	807.3	812.2
18.0	809.8	810.0	809.6	805.8	802.4	799.6	796.2	794.4	793.3	799.5
21.0	796.2	797.0	797.0	791.5	787.7	784.3	780.3	778.2	776.9	784.5
24.0	780.5	781.9	782.2	775.1	770.4	766.6	762.1	759.7	758.2	767.3
27.0	762.3	764.7	765.0	756.2	751.0	746.6	741.7	738.9	737.3	747.8
30.0	742.1	745.3	745.3	735.1	729.2	724.4	718.6	715.8	714.0	726.0
33.0	719.7	723.8	723.3	711.7	705.2	699.8	693.7	690.4	688.6	701.9
36.0	694.9	700.0	698.6	686.0	678.8	673.1	666.4	662.9	661.0	675.5
39.0	668.0	674.1	671.3	658.0	650.2	643.9	636.7	633.1	631.2	646.7
42.0	639.2	645.9	641.7	627.8	619.5	612.7	605.1	601.2	599.3	615.4
45.0	608.0	615.5	609.5	595.5	586.5	579.2	571.2	567.2	565.3	582.1
48.0	575.0	583.0	575.2	561.0	551.2	543.6	535.1	531.1	529.3	546.3
51.0	540.1	548.0	538.6	524.3	514.0	505.9	497.0	493.0	491.2	508.3
54.0	502.8	510.9	500.0	485.7	474.6	466.2	457.1	453.0	451.4	468.2
57.0	463.7	471.7	459.3	444.9	433.2	424.4	415.0	411.1	409.6	426.0
60.0	423.0	430.3	416.8	402.4	390.1	380.9	371.4	367.5	366.3	381.9
63.0	380.5	386.8	372.7	358.1	345.5	336.0	326.3	322.6	321.5	336.1
66.0	336.3	341.7	326.8	312.6	299.4	290.0	280.0	277.0	275.4	289.0
69.0	291.2	295.2	280.1	265.9	252.8	242.7	233.3	229.4	228.5	241.2
72.0	244.8	247.2	232.4	218.8	205.6	195.7	186.3	182.8	181.8	193.2
75.0	198.5	199.2	185.1	172.2	159.9	150.0	141.0	137.3	136.1	146.0
78.0	152.9	152.1	139.2	127.7	116.2	107.2	98.43	94.85	93.30	101.8
81.0	109.2	107.5	96.40	87.12	77.05	69.47	61.70	57.95	55.47	62.83
84.0	70.00	67.78	59.87	52.11	43.71	38.37	32.64	28.36	24.41	30.48
87.0	35.11	34.25	30.21	25.33	17.68	16.60	14.21	10.83	6.173	9.408
90.0	12.67	12.46	10.94	8.556	4.450	6.392	7.441	6.042	1.566	2.350
93.0	5.233	5.731	6.177	5.310	5.365	5.492	5.568	5.487	1.235	1.209
96.0	5.328	5.825	5.914	6.007	6.370	6.504	6.533	6.472	1.594	1.596
99.0	6.072	6.464	6.736	7.012	7.404	7.538	7.576	7.532	2.078	2.059
102.0	7.095	7.525	7.800	8.048	8.468	8.575	8.636	8.589	2.626	2.601
105.0	8.163	8.618	8.886	9.069	9.546	9.599	9.678	9.655	3.234	3.194
108.0	9.231	9.720	9.958	10.06	10.59	10.60	10.69	10.69	3.892	3.845
111.0	10.30	10.81	10.97	11.00	11.60	11.56	11.66	11.71	4.604	4.535
114.0	11.32	11.88	11.93	11.90	12.57	12.49	12.56	12.67	5.307	5.259
117.0	12.31	12.90	12.82	12.78	13.49	13.36	13.41	13.57	6.005	5.981
120.0	13.24	13.85	13.63	13.59	14.37	14.20	14.20	14.40	6.688	6.680
123.0	14.12	14.74	14.39	14.37	15.18	14.97	14.97	15.17	7.339	7.389
126.0	14.93	15.57	15.09	15.11	15.96	15.65	15.69	15.88	8.001	8.095
129.0	15.67	16.34	15.76	15.81	16.69	16.22	16.36	16.54	8.616	8.802
132.0	16.39	17.05	16.37	16.43	17.32	16.74	16.97	17.15	9.217	9.514
135.0	17.02	17.70	16.96	17.02	17.89	17.24	17.54	17.68	9.811	10.20
138.0	17.50	18.28	17.52	17.54	18.45	17.71	18.07	18.23	10.38	10.87
141.0	17.97	18.80	18.01	17.88	18.96	18.18	18.57	18.71	10.90	11.50
144.0	18.44	19.27	18.47	18.16	19.41	18.65	19.03	19.12	11.39	12.12
147.0	18.80	19.68	18.88	18.54	19.80	19.20	19.46	19.50	11.86	12.70
150.0	19.09	20.04	19.28	18.94	20.14	19.74	19.85	19.84	12.31	13.28
153.0	19.35	20.32	19.63	19.33	20.45	20.25	20.21	20.13	12.76	13.87
156.0	19.51	20.51	19.88	19.71	20.73	20.69	20.55	20.30	13.25	14.49
159.0	19.66	20.69	20.09	19.97	21.02	21.06	20.84	20.45	13.87	15.09
162.0	19.77	20.85	20.23	20.19	21.23	21.35	21.13	20.51	14.56	15.69
165.0	19.79	20.92	20.37	20.37	21.34	21.58	21.39	20.57	15.29	16.34
168.0	19.80	20.91	20.47	20.60	21.43	21.61	21.51	20.63	16.32	17.22
171.0	19.98	20.90	20.46	21.23	21.46	21.64	21.52	20.58	17.50	18.15
174.0	20.14	20.76	20.42	21.29	21.25	21.51	21.40	20.47	18.59	19.16
177.0	20.36	20.90	20.58	21.44	21.17	21.36	21.36	20.51	19.58	20.23
180.0	20.31	21.00	20.73	21.51	21.10	21.08	21.03	20.28	20.31	21.00
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	843.0	843.0	843.0	843.0	843.0	843.0				
3.0	841.8	841.3	841.8	842.3	842.7	843.0				
6.0	838.6	837.4	838.4	839.3	840.3	840.8				
9.0	833.2	831.1	832.7	834.0	835.5	836.3				
12.0	825.6	822.5	824.8	826.5	828.4	829.4				
15.0	815.7	811.7	814.6	816.8	819.2	820.3				
18.0	803.5	798.6	802.1	804.8	807.7	808.9				
21.0	788.8	783.4	787.6	790.7	793.7	795.2				
24.0	771.5	765.9	770.7	774.2	777.9	779.4				
27.0	751.7	746.2	751.6	755.6	759.6	761.2				
30.0	729.3	724.3	730.4	734.8	739.2	741.0				

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	704.6	700.2	706.9	711.7	716.6	718.4
36.0	677.5	673.9	681.3	686.6	691.8	693.7
39.0	648.1	645.5	653.6	659.3	664.9	666.9
42.0	616.6	615.1	623.8	630.0	635.9	638.1
45.0	583.1	582.7	592.1	598.6	605.0	607.0
48.0	547.5	548.1	558.1	565.3	571.9	574.1
51.0	509.8	511.5	522.2	529.8	537.0	539.1
54.0	470.4	473.1	484.4	492.5	500.0	502.1
57.0	429.1	432.8	444.7	453.3	461.1	463.2
60.0	386.1	390.8	403.3	412.2	420.5	422.7
63.0	341.5	347.2	360.3	369.5	378.2	380.3
66.0	295.6	302.2	315.9	325.4	334.3	336.4
69.0	248.7	256.4	270.4	280.0	289.3	291.2
72.0	201.7	210.3	224.4	234.2	243.2	245.1
75.0	155.4	165.1	178.9	188.4	197.1	198.9
78.0	111.7	121.4	135.4	144.0	152.0	153.4
81.0	72.57	81.64	93.19	101.9	109.1	109.7
84.0	39.74	47.05	56.04	64.55	70.70	70.33
87.0	15.74	19.83	24.81	33.21	39.21	36.11
90.0	4.835	5.162	2.406	9.565	13.69	12.38
93.0	1.206	1.180	1.177	2.190	3.977	2.962
96.0	1.567	1.536	1.534	1.428	1.488	1.487
99.0	2.036	2.011	2.007	1.852	1.704	1.549
102.0	2.564	2.559	2.595	2.364	2.183	1.995
105.0	3.147	3.179	3.256	2.974	2.720	2.525
108.0	3.799	3.875	4.040	3.637	3.351	3.104
111.0	4.511	4.611	4.877	4.355	4.028	3.751
114.0	5.229	5.368	5.760	5.112	4.736	4.452
117.0	5.945	6.129	6.611	5.877	5.455	5.154
120.0	6.669	6.899	7.465	6.671	6.160	5.845
123.0	7.387	7.632	8.261	7.437	6.861	6.493
126.0	8.087	8.324	9.041	8.183	7.543	7.161
129.0	8.773	9.023	9.795	8.861	8.229	7.812
132.0	9.464	9.680	10.53	9.503	8.903	8.464
135.0	10.16	10.31	11.21	10.15	9.616	9.097
138.0	10.84	10.96	11.88	10.76	10.30	9.716
141.0	11.51	11.62	12.48	11.35	10.95	10.36
144.0	12.19	12.34	13.06	11.93	11.60	11.02
147.0	12.82	13.08	13.57	12.47	12.20	11.63
150.0	13.44	13.85	14.07	13.05	12.79	12.25
153.0	14.04	14.62	14.63	13.64	13.40	12.87
156.0	14.68	15.41	15.27	14.29	14.07	13.54
159.0	15.30	16.20	15.97	15.01	14.77	14.23
162.0	16.02	16.99	16.72	15.75	15.49	14.99
165.0	16.80	17.80	17.49	16.55	16.28	15.81
168.0	17.63	18.67	18.29	17.39	17.19	16.76
171.0	18.46	19.53	19.08	18.33	18.10	17.64
174.0	19.31	20.33	19.76	19.25	19.06	18.44
177.0	20.15	20.97	20.41	20.18	20.01	19.31
180.0	20.74	21.51	21.08	21.08	21.04	20.28

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: