

LUMINAIRE PHOTOMETRIC TEST REPORT

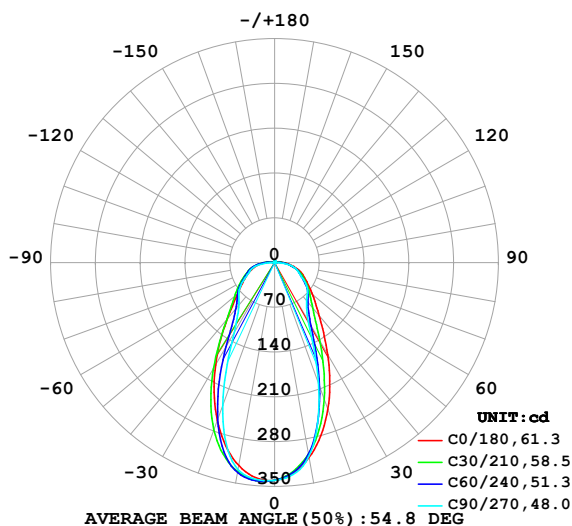
Test:U:11.999V I:0.4035A P:4.8416W PF:1.0000 Freq:49.99Hz

Lamp Flux:952.68x1 lm

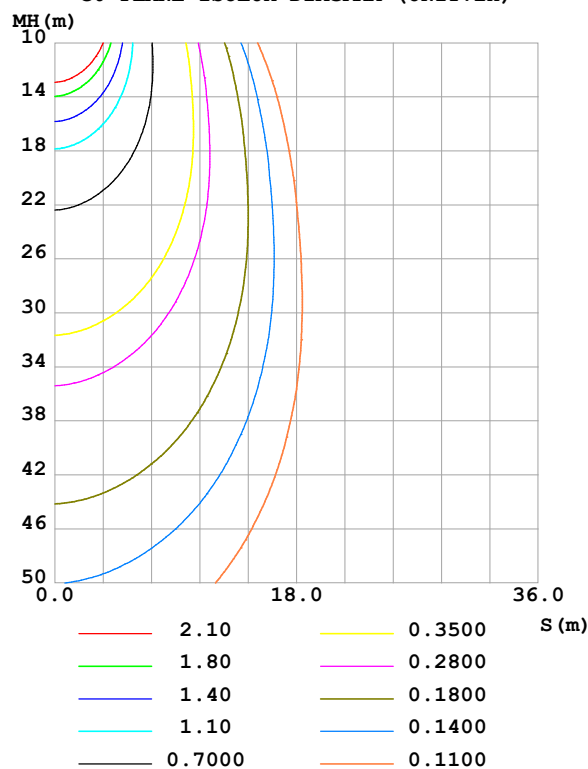
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S003120BB1LZ 10000-13000K	DIM.: 1000×3mm	SERIAL No.: 10101-0930-00
MFR.: iPixel LED	SUR.: 1000x3MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 107.34 lm/W
MODEL	S003120BB1LZ 10000-13000K	Imax (cd)	342.5	S/MH(C0/180)	0.92	
NOMINAL POWER(W)	4.8	LOR(%)	54.5	S/MH(C90/270)	0.81	
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	519.68	η UP,DN(C0-180)	0.9,25.3	
NOMINAL FLUX(lm)	952.68	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.9,27.5	
LAMPS INSIDE	1	η up (%)	1.8	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	12	η down (%)	52.7	CIBSE SHR MAX	0.90	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [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	309.6	304.2	308.1	322.6	322.3	332.6	328.6	315.9	0- 10	31.48	31.48	6.06,3.3
20	243.9	216.5	201.0	246.0	262.4	269.5	237.7	241.5	10- 20	79.23	110.7	21.3,11.6
30	166.3	128.3	105.7	150.5	185.0	171.9	126.5	149.3	20- 30	88.06	198.8	38.2,20.9
40	108.9	87.16	78.07	95.77	115.2	105.7	87.37	97.27	30- 40	74.30	273.1	52.5,28.7
50	77.24	69.05	67.47	72.50	75.35	78.50	73.24	73.46	40- 50	64.72	337.8	65,35.5
60	57.42	52.41	51.40	56.70	55.72	60.19	56.35	55.32	50- 60	57.72	395.5	76.1,41.5
70	43.17	40.08	38.75	43.64	42.00	45.51	42.03	42.06	60- 70	48.24	443.8	85.4,46.6
80	27.39	24.28	25.28	29.93	28.07	32.46	28.98	26.94	70- 80	37.61	481.4	92.6,50.5
90	13.83	11.38	3.413	14.98	14.31	16.13	4.322	11.79	80- 90	21.13	502.5	96.7,52.7
100	7.369	3.146	0.6620	3.403	6.718	3.706	0.6764	3.160	90-100	8.489	511.0	98.3,53.6
110	0.9681	0.9463	0.8694	0.9010	0.9960	0.9714	0.8363	0.8902	100-110	1.617	512.6	98.6,53.8
120	1.128	1.244	1.175	1.144	1.202	1.079	1.058	1.187	110-120	1.014	513.6	98.8,53.9
130	1.513	1.625	1.579	1.501	1.527	1.426	1.422	1.576	120-130	1.193	514.8	99.1,54
140	1.928	2.045	2.012	1.913	1.919	1.830	1.851	1.997	130-140	1.337	516.2	99.3,54.2
150	2.292	2.421	2.415	2.307	2.275	2.230	2.258	2.382	140-150	1.338	517.5	99.6,54.3
160	2.554	2.681	2.702	2.616	2.572	2.553	2.586	2.652	150-160	1.144	518.6	99.8,54.4
170	2.753	2.834	2.870	2.831	2.796	2.782	2.804	2.842	160-170	0.7689	519.4	99.9,54.5
180	2.893	2.932	2.946	2.949	2.897	2.927	2.938	2.951	170-180	0.2736	519.7	100,54.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 306.24 lm

%lum = 58.9%

%lamp = 32.1%

Conical surface Flux(130deg): 420.8 lm

%lum = 81.0%

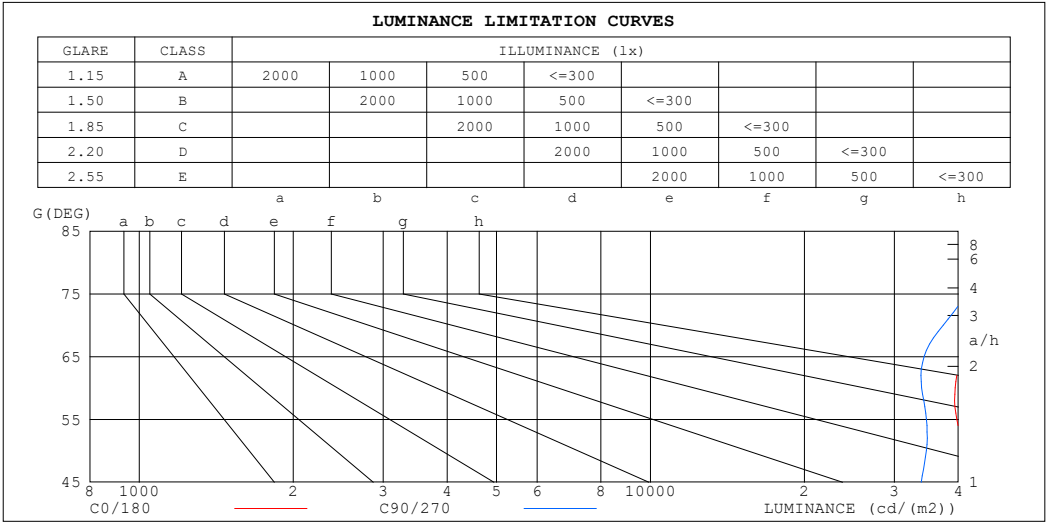
%lamp = 44.2%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LEIXIAOLAN
 Test Date:2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.820m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:11.999V I:0.4035A P:4.8416W PF:1.0000 Freq:49.99Hz Lamp Flux:952.68x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S003120BB1LZ 10000-13000K	DIM.: 1000×3mm	SERIAL No.: 10101-0930-00
MFR.: iPixel LED	SUR.: 1000x3MM	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	77147	43508
80	54179	48044
75	47179	41641
70	43355	37394
65	40742	34281
60	39448	33929
55	39713	34665
50	41277	34644
45	44044	33840

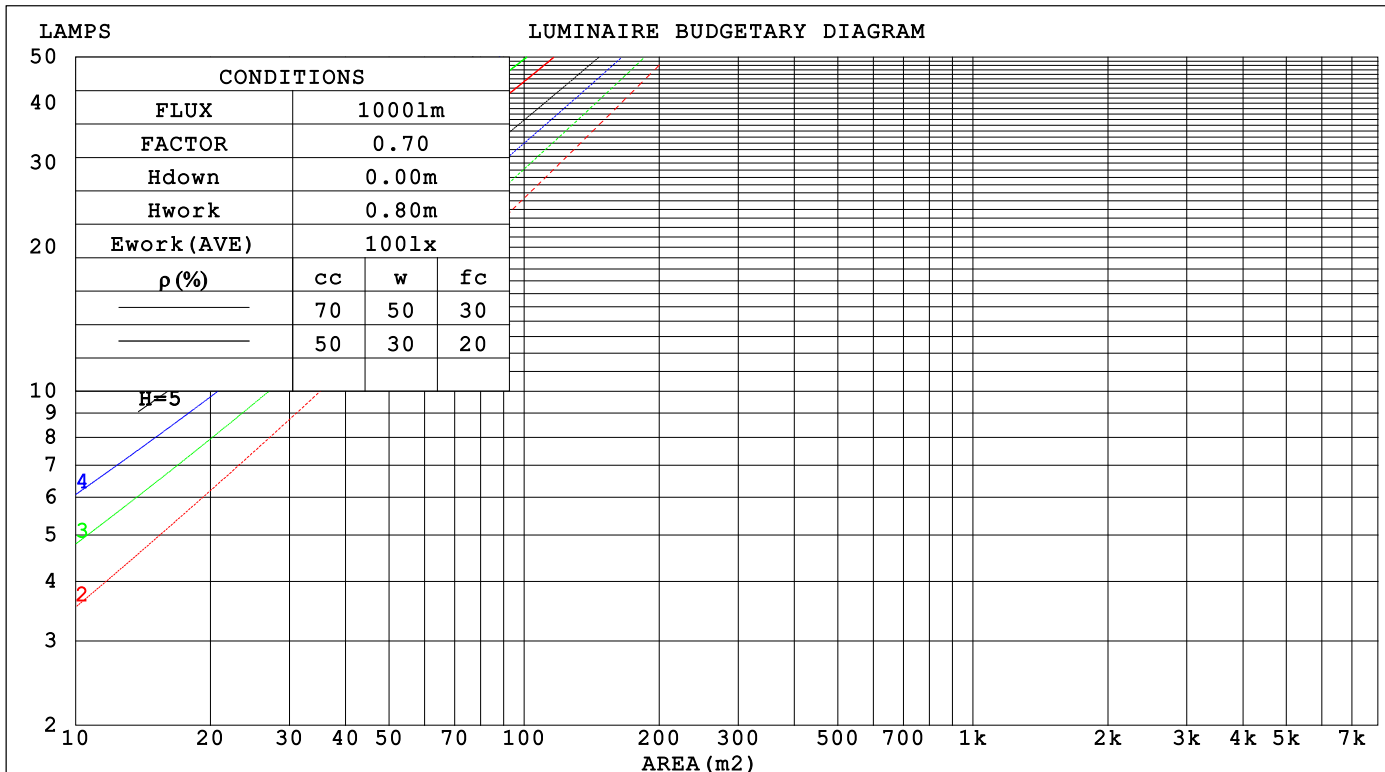
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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MFR.: iPixel LED	SUR.: 1000x3MM	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	.65	.65	.65	.63	.63	.63	.60	.60	.60	.57	.57	.57	.54	.54	.54	.53
1.0	.56	.54	.52	.55	.53	.51	.52	.50	.49	.50	.48	.47	.47	.46	.45	.44
2.0	.50	.46	.43	.48	.45	.42	.46	.43	.41	.44	.42	.40	.42	.40	.39	.37
3.0	.44	.40	.37	.43	.39	.36	.41	.38	.35	.40	.37	.34	.38	.36	.34	.32
4.0	.40	.35	.32	.39	.35	.32	.37	.34	.31	.36	.33	.30	.35	.32	.30	.29
5.0	.36	.32	.28	.35	.31	.28	.34	.30	.28	.33	.30	.27	.32	.29	.27	.25
6.0	.33	.29	.25	.32	.28	.25	.31	.28	.25	.30	.27	.24	.29	.26	.24	.23
7.0	.30	.26	.23	.30	.26	.23	.29	.25	.22	.28	.25	.22	.27	.24	.22	.21
8.0	.28	.24	.21	.28	.24	.21	.27	.23	.21	.26	.23	.20	.25	.22	.20	.19
9.0	.26	.22	.19	.26	.22	.19	.25	.22	.19	.24	.21	.19	.24	.21	.19	.18
10.0	.25	.21	.18	.24	.20	.18	.24	.20	.18	.23	.20	.17	.22	.19	.17	.16



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Operators:LEIXIAOLAN
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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:11.999V I:0.4035A P:4.8416W PF:1.0000 Freq:49.99Hz Lamp Flux:952.68x1 lm		
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MFR.: iPixel LED	SUR.: 1000x3MM	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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.170	.097	.031	.166	.094	.030	.157	.090	.029	.150	.086	.028	.143	.083	.027		
2.0	.153	.084	.026	.149	.082	.025	.142	.079	.024	.135	.076	.024	.129	.073	.023		
3.0	.139	.074	.022	.135	.072	.022	.129	.070	.021	.123	.067	.021	.117	.065	.020		
4.0	.127	.066	.019	.124	.065	.019	.118	.063	.019	.113	.060	.018	.108	.059	.018		
5.0	.116	.059	.017	.114	.058	.017	.109	.057	.017	.104	.055	.016	.100	.053	.016		
6.0	.108	.054	.015	.105	.053	.015	.101	.052	.015	.097	.050	.015	.093	.049	.014		
7.0	.100	.050	.014	.098	.049	.014	.094	.048	.014	.090	.046	.013	.087	.045	.013		
8.0	.094	.046	.013	.092	.045	.013	.088	.044	.013	.085	.043	.012	.081	.042	.012		
9.0	.088	.042	.012	.086	.042	.012	.083	.041	.012	.080	.040	.011	.077	.039	.011		
10.0	.083	.040	.011	.081	.039	.011	.078	.038	.011	.075	.037	.011	.073	.036	.010		

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						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.118	.118	.118	.101	.101	.101	.069	.069	.069	.039	.039	.039	.013	.013	.013		
1.0	.112	.099	.087	.096	.085	.075	.066	.058	.052	.038	.034	.030	.012	.011	.010		
2.0	.107	.086	.068	.092	.074	.059	.063	.051	.041	.036	.030	.024	.012	.010	.008		
3.0	.102	.076	.056	.088	.066	.048	.060	.046	.034	.035	.027	.020	.011	.009	.007		
4.0	.097	.069	.047	.084	.060	.041	.057	.042	.029	.033	.024	.017	.011	.008	.006		
5.0	.093	.063	.041	.080	.055	.036	.055	.038	.025	.032	.022	.015	.010	.007	.005		
6.0	.089	.059	.037	.076	.051	.032	.053	.035	.023	.031	.021	.013	.010	.007	.004		
7.0	.085	.055	.033	.073	.047	.029	.050	.033	.021	.029	.020	.012	.009	.006	.004		
8.0	.081	.051	.031	.070	.045	.027	.048	.031	.019	.028	.018	.011	.009	.006	.004		
9.0	.078	.049	.029	.067	.042	.025	.047	.030	.018	.027	.018	.011	.009	.006	.004		
10.0	.075	.046	.027	.065	.040	.024	.045	.028	.017	.026	.017	.010	.008	.005	.003		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
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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:6.820m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:11.999V I:0.4035A P:4.8416W PF:1.0000 Freq:49.99Hz Lamp Flux:952.68x1 lm										
NAME: 软灯条					TYPE: 软灯条			WEIGHT:		
SPEC.: S003120BB1LZ 10000-13000K					DIM.: 1000×3mm			SERIAL No.: 10101-0930-00		
MFR.: iPixel LED					SUR.: 1000x3MM			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	24.6	25.9	24.9	26.2	26.4	23.7	25.1	24.0	25.3	25.6
3H	26.6	27.8	26.9	28.1	28.4	25.7	27.0	26.1	27.3	27.6
4H	27.6	28.8	27.9	29.1	29.4	26.8	28.0	27.1	28.3	28.6
6H	28.5	29.7	28.9	30.0	30.3	27.8	28.9	28.2	29.2	29.6
8H	29.0	30.1	29.4	30.5	30.8	28.2	29.3	28.6	29.6	30.0
12H	29.5	30.6	29.9	30.9	31.3	28.4	29.5	28.8	29.8	30.2
4H 2H	25.1	26.3	25.5	26.6	27.0	24.5	25.7	24.9	26.0	26.3
3H	27.4	28.4	27.8	28.8	29.1	26.7	27.8	27.1	28.1	28.5
4H	28.5	29.5	29.0	29.9	30.3	27.9	28.9	28.3	29.3	29.7
6H	29.7	30.6	30.1	31.0	31.4	29.1	29.9	29.5	30.4	30.8
8H	30.3	31.1	30.7	31.5	32.0	29.6	30.4	30.0	30.8	31.2
12H	30.9	31.6	31.3	32.1	32.5	29.9	30.6	30.4	31.1	31.6
8H 4H	28.9	29.7	29.4	30.2	30.6	28.4	29.2	28.9	29.6	30.1
6H	30.3	31.0	30.8	31.4	31.9	29.8	30.4	30.2	30.9	31.4
8H	31.0	31.6	31.5	32.1	32.6	30.4	31.0	30.9	31.5	32.0
12H	31.8	32.3	32.3	32.8	33.4	30.9	31.4	31.4	31.9	32.5
12H 4H	29.0	29.7	29.4	30.2	30.6	28.5	29.2	29.0	29.7	30.1
6H	30.4	31.0	30.9	31.5	32.0	29.9	30.5	30.4	31.0	31.5
8H	31.2	31.7	31.7	32.2	32.8	30.6	31.2	31.1	31.7	32.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.1 / - 0.1					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117, 952.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.2)
Area: 0.003 m2

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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:6.820m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:11.999V I:0.4035A P:4.8416W PF:1.0000 Freq:49.99Hz Lamp Flux:952.68x1 lm		
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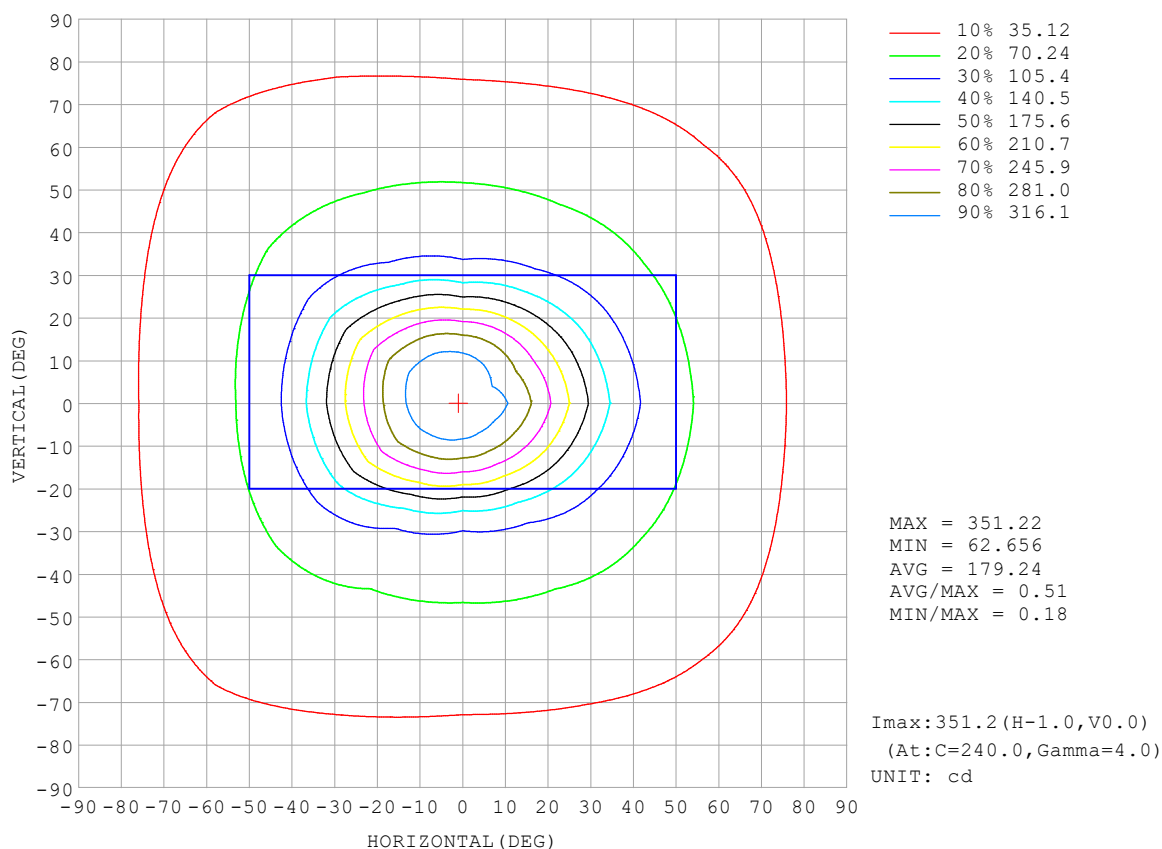
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	34	28	25	34	28	25	33	28	25	22
0.80	39	33	30	38	33	30	37	33	29	26
1.00	43	37	34	42	37	33	41	37	33	29
1.25	46	41	37	45	40	37	44	40	36	33
1.50	49	44	40	48	43	40	46	42	39	35
2.00	52	47	44	51	47	43	49	45	42	38
2.50	54	50	46	53	49	46	50	47	45	40
3.00	55	52	49	54	51	48	52	49	47	42
4.00	57	54	52	56	53	51	54	51	49	44
5.00	59	56	54	57	55	53	55	53	51	45
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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ISOCANDELA DIAGRAM

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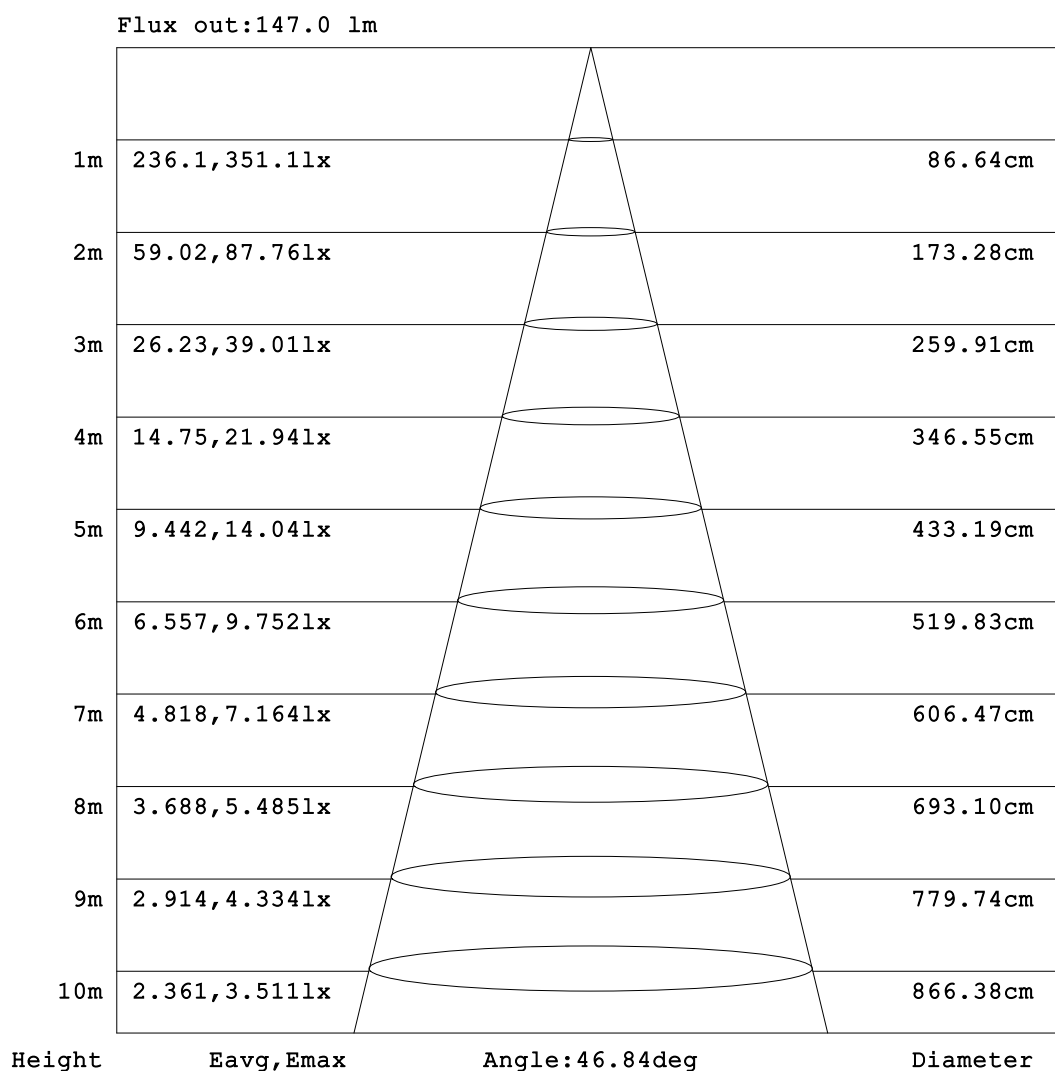


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AAI Figure

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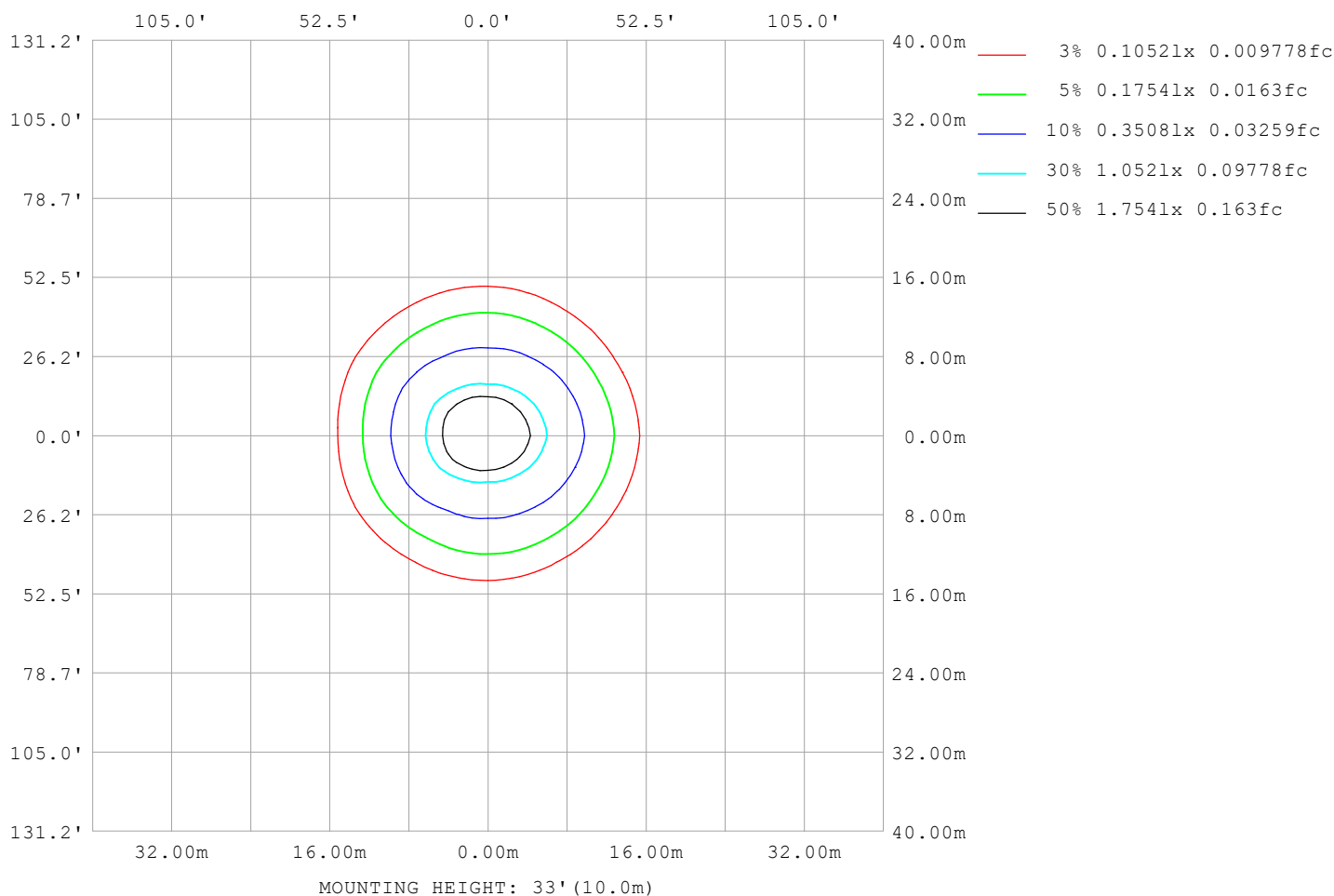
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Humidity: 65.0%
Test Distance: 6.820m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:11.999V I:0.4035A P:4.8416W PF:1.0000 Freq:49.99Hz Lamp Flux:952.68x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S003120BB1LZ 10000-13000K	DIM.: 1000×3mm	SERIAL No.: 10101-0930-00
MFR.: iPixel LED	SUR.: 1000x3MM	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LEIXIAOLAN
Test Date: 2024-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.820m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:11.999V I:0.4035A P:4.8416W PF:1.0000 Freq:49.99Hz Lamp Flux:952.68x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S003120BB1LZ 10000-13000K	DIM.: 1000×3mm	SERIAL No.: 10101-0930-00
MFR.: iPixel LED	SUR.: 1000x3MM	Shielding Angle:

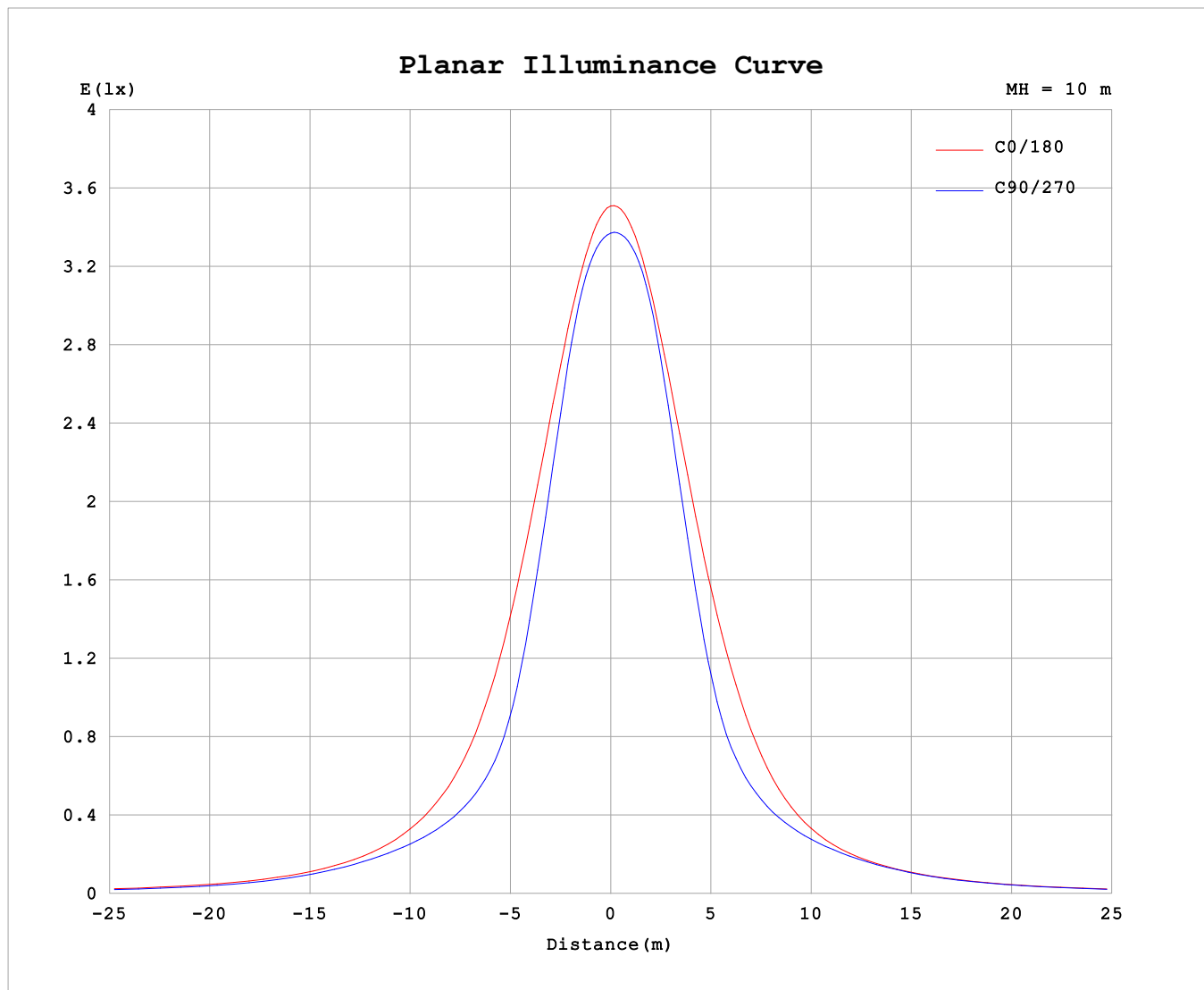
AvgL	cd/m2
L_0~180 (65) av	38842
L_0~180 (75) av	45629
L_0~180 (85) av	76383
L_90~270 (65) av	36250
L_90~270 (75) av	44590
L_90~270 (85) av	49895
L_45 (65) av	38661
L_45 (75) av	46771
L_45 (85) av	79223

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: LEIXIAOLAN
Test Date: 2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.820m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:11.999V I:0.4035A P:4.8416W PF:1.0000 Freq:49.99Hz Lamp Flux:952.68x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S003120BB1LZ 10000-13000K	DIM.: 1000×3mm	SERIAL No.: 10101-0930-00
MFR.: iPixel LED	SUR.: 1000x3MM	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	340	340	340	340	340	340	340	340	340	340	340	340							
5	331	328	330	333	336	339	337	342	342	340	336	331							
10	310	304	304	308	318	327	322	332	333	329	321	311							
15	280	270	260	261	279	303	296	310	307	293	288	282							
20	244	227	206	201	226	266	262	278	261	238	240	243							
25	205	182	153	143	171	221	224	237	206	176	186	200							
30	166	142	114	106	125	177	185	191	152	126	139	159							
35	133	112	92.6	87.7	97.5	138	148	149	115	101	108	126							
40	109	93.1	81.2	78.1	83.0	109	115	117	94.6	87.4	91.0	104							
45	90.7	80.5	73.9	72.5	74.4	89.2	91.4	95.5	83.3	79.4	80.5	86.9							
50	77.2	70.8	67.3	67.5	68.2	76.8	75.3	81.5	75.5	73.2	72.2	74.7							
55	66.3	62.0	59.2	60.2	61.7	67.5	64.3	70.8	67.6	65.7	63.6	64.6							
60	57.4	53.9	50.8	51.4	54.1	59.3	55.7	61.5	58.8	56.3	54.7	55.9							
65	50.1	47.2	44.4	43.9	47.1	52.0	48.4	53.2	50.8	48.0	47.5	48.7							
70	43.2	40.7	39.5	38.8	41.8	45.5	42.0	46.2	44.8	42.0	42.0	42.1							
75	35.5	32.9	32.3	32.7	35.8	39.1	35.3	39.9	39.5	36.6	35.6	34.3							
80	27.4	24.7	23.9	25.3	28.1	31.8	28.1	32.5	32.4	29.0	27.6	26.3							
85	19.6	17.2	16.3	11.5	19.9	23.3	20.4	23.9	23.8	14.6	19.2	18.4							
90	13.8	12.0	10.8	3.41	13.2	16.7	14.3	16.7	15.5	4.32	11.3	12.3							
95	10.2	9.05	6.95	0.60	9.20	12.6	10.4	12.1	10.2	0.62	7.88	8.25							
100	7.37	5.38	0.89	0.66	0.87	5.94	6.72	5.94	1.44	0.68	0.77	5.55							
105	2.16	1.08	0.84	0.75	0.78	1.03	1.83	1.16	1.11	0.75	0.76	1.13							
110	0.97	0.96	0.94	0.87	0.84	0.96	1.00	0.91	1.03	0.84	0.87	0.91							
115	0.97	1.11	1.06	1.00	0.96	1.05	1.08	0.97	1.00	0.95	1.00	1.06							
120	1.13	1.26	1.23	1.17	1.11	1.18	1.20	1.09	1.07	1.06	1.14	1.23							
125	1.31	1.43	1.41	1.36	1.29	1.32	1.36	1.23	1.24	1.22	1.34	1.42							
130	1.51	1.63	1.62	1.58	1.49	1.51	1.53	1.42	1.43	1.42	1.52	1.63							
135	1.73	1.84	1.83	1.79	1.71	1.71	1.72	1.62	1.64	1.64	1.74	1.84							
140	1.93	2.06	2.04	2.01	1.92	1.91	1.92	1.82	1.84	1.85	1.96	2.04							
145	2.12	2.25	2.23	2.22	2.12	2.11	2.10	2.01	2.06	2.07	2.17	2.24							
150	2.29	2.42	2.42	2.42	2.31	2.30	2.28	2.20	2.26	2.26	2.36	2.40							
155	2.43	2.57	2.57	2.58	2.48	2.47	2.43	2.37	2.43	2.44	2.52	2.54							
160	2.55	2.68	2.68	2.70	2.61	2.62	2.57	2.52	2.59	2.59	2.65	2.65							
165	2.66	2.77	2.77	2.80	2.72	2.74	2.69	2.65	2.72	2.71	2.76	2.75							
170	2.75	2.84	2.82	2.87	2.82	2.84	2.80	2.75	2.81	2.80	2.85	2.84							
175	2.83	2.90	2.89	2.94	2.89	2.92	2.88	2.84	2.91	2.88	2.94	2.91							
180	2.89	2.94	2.92	2.95	2.94	2.96	2.90	2.91	2.95	2.94	2.95	2.95							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-12-26

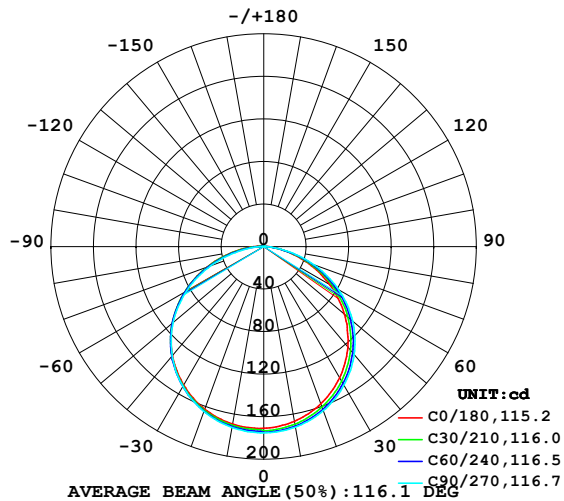
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

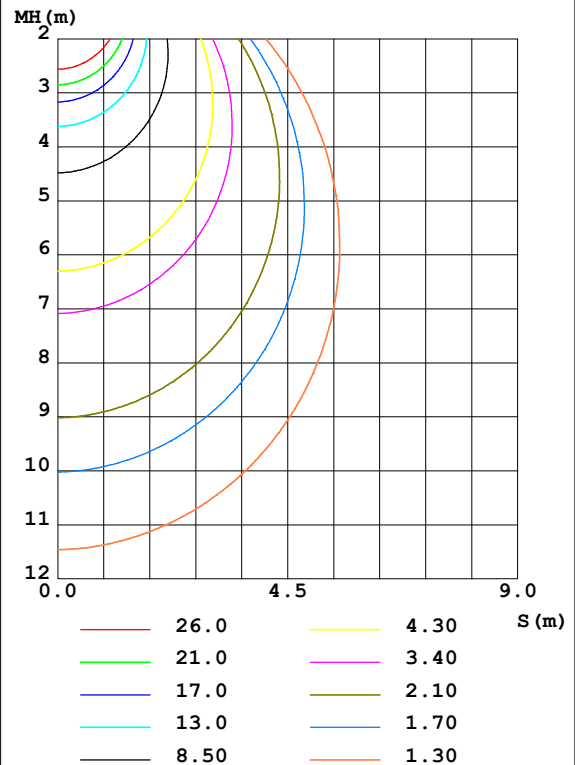
Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz		
Lamp Flux:522.077x1 lm		
Name: S003224GC1LZ		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.08 lm/W			
MODEL		I _{max} (cd)	175.1	S/MH (C0/180)	1.31
NOMINAL POWER (W)	4.7	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	522.08	η UP, DN (C0-180)	0.3, 48.6
NOMINAL FLUX (lm)	522.077	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 50.5
LAMPS INSIDE	1	η up (%)	0.9	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24	η down (%)	99.1	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-01-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7125]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	166.7	170.4	172.2	170.9	169.4	171.1	172.6	170.6	0- 10	16.41	16.41	3.14,3.14
20	157.3	161.6	164.1	163.6	162.7	164.1	164.9	162.2	10- 20	47.24	63.65	12.2,12.2
30	142.7	147.6	150.7	151.0	150.5	151.7	151.9	148.5	20- 30	72.24	135.9	26,26
40	123.1	128.6	132.4	133.5	133.7	134.5	134.1	129.8	30- 40	88.21	224.1	42.9,42.9
50	99.05	104.9	109.2	111.2	112.1	112.5	111.3	106.4	40- 50	92.89	317.0	60.7,60.7
60	71.84	77.18	81.37	84.19	85.76	85.80	84.01	79.08	50- 60	85.15	402.1	77,77
70	43.02	46.88	50.48	54.25	56.80	55.89	53.16	48.81	60- 70	65.74	467.9	89.6,89.6
80	17.00	17.30	19.17	24.31	28.45	25.79	21.59	19.04	70- 80	38.04	505.9	96.9,96.9
90	2.743	0.3372	0.2185	4.760	8.736	5.314	1.125	0.9082	80- 90	11.53	517.5	99.1,99.1
100	0.8415	0.0894	0.1903	1.995	3.550	2.274	0.6459	0.3993	90-100	2.044	519.5	99.5,99.5
110	0.1845	0.1315	0.1828	0.4177	0.6500	0.6880	0.6251	0.4509	100-110	0.7262	520.2	99.6,99.6
120	0.2119	0.1599	0.2053	0.4214	0.6366	0.6759	0.6217	0.4606	110-120	0.4156	520.6	99.7,99.7
130	0.2470	0.1994	0.2403	0.4355	0.6317	0.6766	0.6350	0.4845	120-130	0.3913	521.0	99.8,99.8
140	0.2720	0.2290	0.2654	0.4398	0.6166	0.6646	0.6333	0.4947	130-140	0.3495	521.4	99.9,99.9
150	0.3037	0.2818	0.3171	0.4509	0.5883	0.6446	0.6342	0.5107	140-150	0.2887	521.7	99.9,99.9
160	0.3538	0.3509	0.3814	0.4686	0.5591	0.6119	0.6159	0.5203	150-160	0.2208	521.9	100,100
170	0.4147	0.4248	0.4457	0.4825	0.5249	0.5803	0.6057	0.5404	160-170	0.1395	522.0	100,100
180	0.4648	0.6663	0.7435	0.6151	0.4631	0.4841	0.5290	0.5114	170-180	0.0481	522.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 270.72 lm

%lum = 51.9%

%lamp = 51.9%

Conical surface Flux(120deg): 402.14 lm

%lum = 77.0%

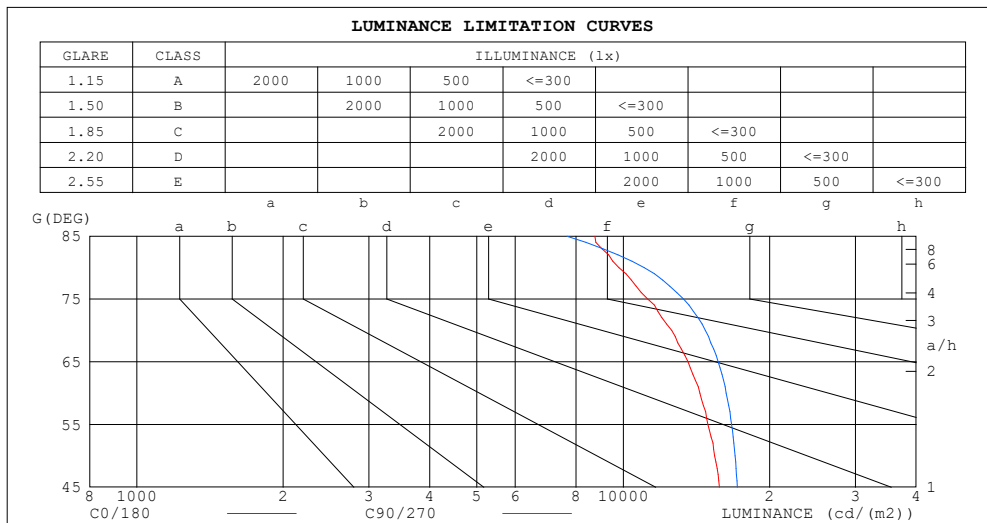
%lamp = 77.0%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-01-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.000m [K=0.7125]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz		
Lamp Flux:522.077x1 lm		
Name: S003224GC1LZ		
MFR.:		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	8748	7664
80	9791	11042
75	11237	13299
70	12578	14759
65	13598	15677
60	14368	16274
55	14934	16707
50	15410	16981
45	15757	17161

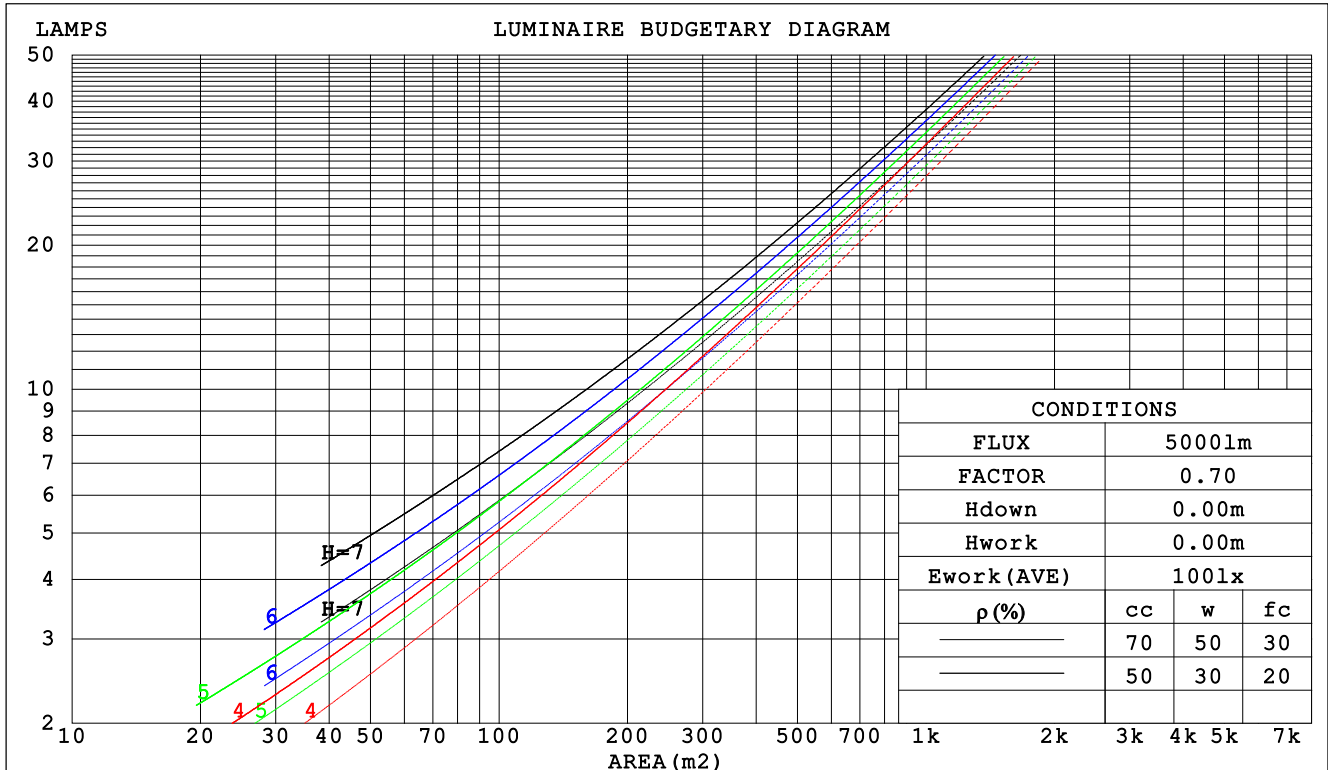
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-01-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz		
Lamp Flux:522.077x1 lm		
Name: S003224GC1LZ		
MFR.:		

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.92	.90	.87	.89	.87	.85	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.39	.36
7.0	.50	.42	.35	.50	.41	.35	.48	.40	.35	.46	.40	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-01-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

WEC AND CCEC

Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz											
Lamp Flux:522.077x1 lm											
Name: S003224GC1LZ											
MFR.:											

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						Wall Exitance Coefficients (WEC)											
0.0																		
1.0	.316	.180	.057	.309	.176	.056	.295	.169	.054	.283	.163	.052	.271	.157	.051			
2.0	.296	.162	.050	.290	.160	.049	.278	.154	.048	.266	.149	.047	.256	.145	.046			
3.0	.274	.146	.044	.268	.143	.043	.257	.139	.042	.247	.135	.041	.238	.132	.041			
4.0	.252	.131	.038	.247	.129	.038	.237	.126	.038	.228	.123	.037	.220	.120	.036			
5.0	.233	.119	.034	.228	.117	.034	.220	.114	.034	.212	.112	.033	.204	.109	.033			
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030			
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.177	.092	.027			
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025			
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.157	.080	.023			
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021			

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.188	.163	.141	.160	.140	.121	.110	.096	.084	.063	.056	.049	.020	.018	.016	
2.0	.180	.139	.104	.154	.119	.090	.105	.083	.063	.061	.048	.037	.020	.016	.012	
3.0	.172	.121	.081	.147	.105	.070	.101	.073	.049	.058	.042	.029	.019	.014	.009	
4.0	.164	.108	.065	.141	.093	.056	.097	.065	.040	.056	.038	.023	.018	.012	.008	
5.0	.157	.098	.054	.135	.084	.047	.093	.059	.033	.054	.035	.020	.017	.011	.006	
6.0	.150	.089	.046	.129	.077	.040	.089	.054	.028	.052	.032	.017	.017	.010	.006	
7.0	.143	.082	.040	.123	.071	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
8.0	.136	.077	.036	.117	.066	.031	.081	.047	.022	.047	.028	.013	.015	.009	.004	
9.0	.130	.072	.032	.112	.062	.028	.078	.044	.020	.045	.026	.012	.015	.008	.004	
10.0	.125	.067	.029	.107	.059	.026	.075	.041	.018	.043	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-01-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.000m [K=0.7125]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz Lamp Flux:522.077x1 lm										
Name: S003224GC1LZ										
MFR.:										
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	22.1	23.6	22.4	23.8	24.1	22.5	24.1	22.8	24.3	24.5
3H	23.5	24.9	23.8	25.1	25.4	24.1	25.5	24.4	25.7	26.0
4H	24.0	25.3	24.3	25.6	25.9	24.6	26.0	25.0	26.3	26.5
6H	24.3	25.6	24.7	25.9	26.2	25.0	26.3	25.4	26.6	26.9
8H	24.4	25.6	24.8	25.9	26.3	25.1	26.3	25.5	26.6	26.9
12H	24.5	25.7	24.8	26.0	26.3	25.1	26.3	25.5	26.6	26.9
4H 2H	22.7	24.1	23.1	24.4	24.6	23.1	24.4	23.4	24.7	25.0
3H	24.3	25.5	24.7	25.8	26.1	24.8	26.0	25.2	26.3	26.6
4H	24.9	26.0	25.3	26.3	26.7	25.5	26.5	25.9	26.9	27.2
6H	25.4	26.3	25.8	26.7	27.1	25.9	26.9	26.4	27.3	27.7
8H	25.5	26.4	25.9	26.8	27.2	26.1	27.0	26.5	27.4	27.8
12H	25.6	26.4	26.0	26.8	27.2	26.1	27.0	26.6	27.4	27.8
8H 4H	25.2	26.1	25.6	26.5	26.9	25.7	26.6	26.1	26.9	27.4
6H	25.7	26.5	26.2	26.9	27.4	26.3	27.0	26.7	27.4	27.9
8H	26.0	26.6	26.4	27.1	27.5	26.5	27.1	26.9	27.6	28.0
12H	26.1	26.7	26.6	27.1	27.6	26.6	27.1	27.1	27.6	28.1
12H 4H	25.2	26.0	25.6	26.4	26.8	25.7	26.5	26.1	26.9	27.3
6H	25.8	26.4	26.3	26.9	27.4	26.3	26.9	26.8	27.4	27.9
8H	26.0	26.6	26.5	27.1	27.5	26.5	27.1	27.0	27.5	28.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 522.1 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -2.3$)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-01-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz		
Lamp Flux:522.077x1 lm		
Name: S003224GC1LZ		
MFR.:		

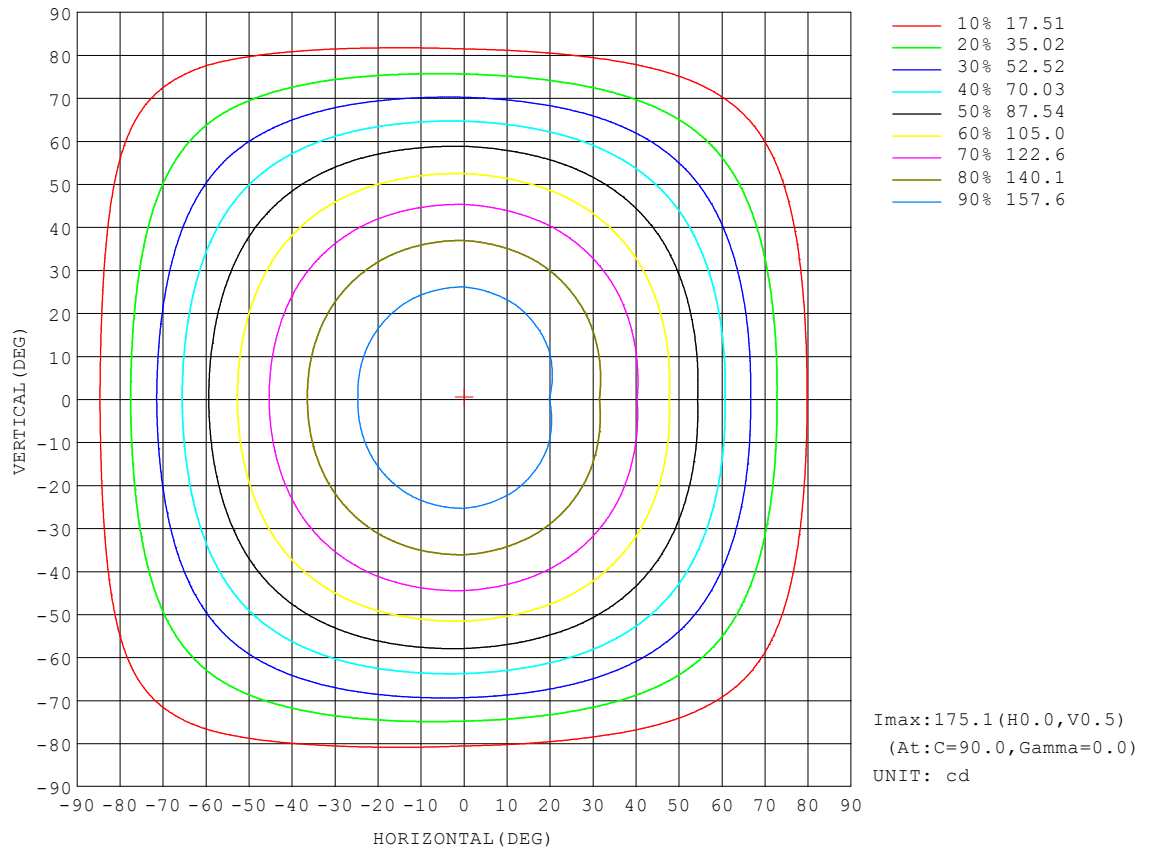
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	38	55	44	37	31
0.80	67	55	47	65	54	47	64	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	94	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	93	99	94	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-01-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz		
Lamp Flux:522.077x1 lm		
Name: S003224GC1LZ		
MFR.:		

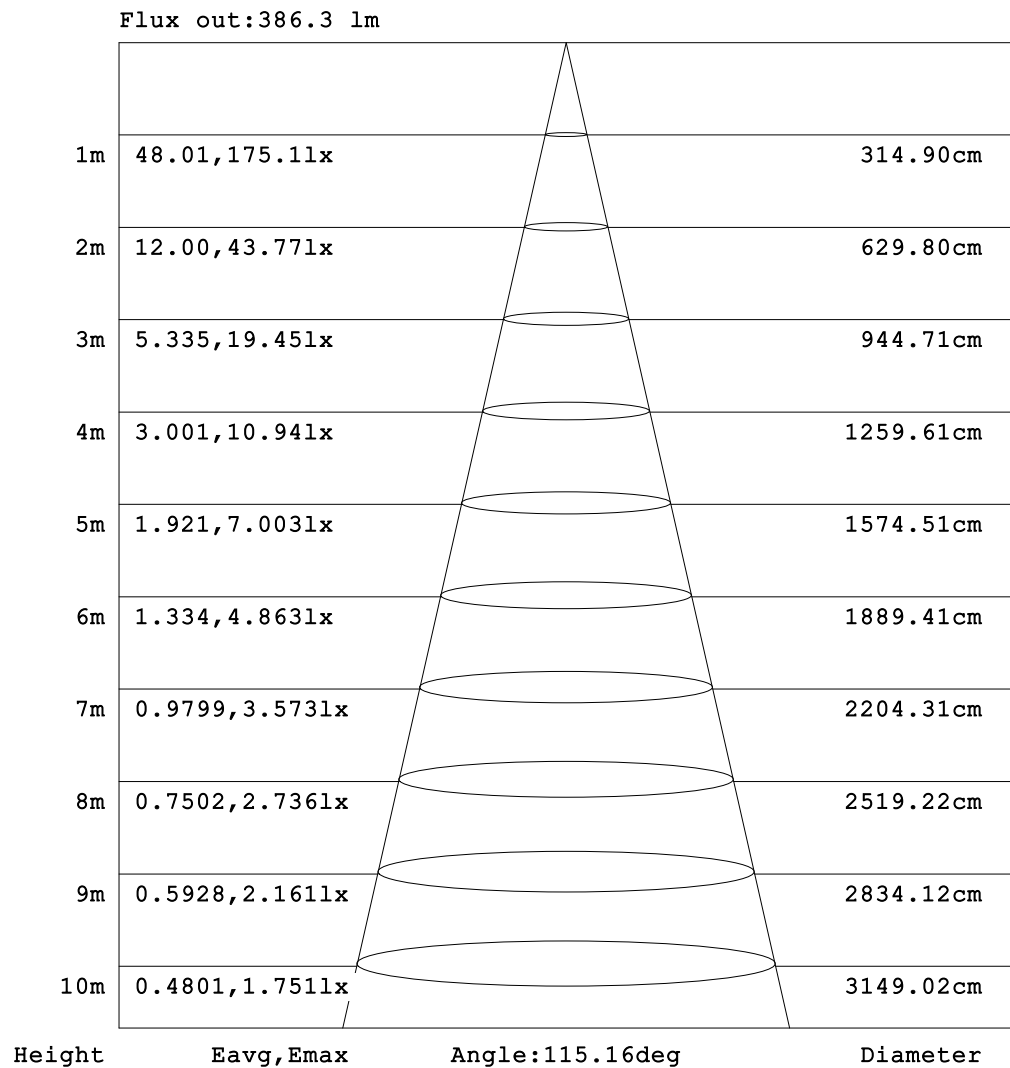


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-01-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

AAI Figure

Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz		
Lamp Flux:522.077x1 lm		
Name: S003224GC1LZ		
MFR.:		



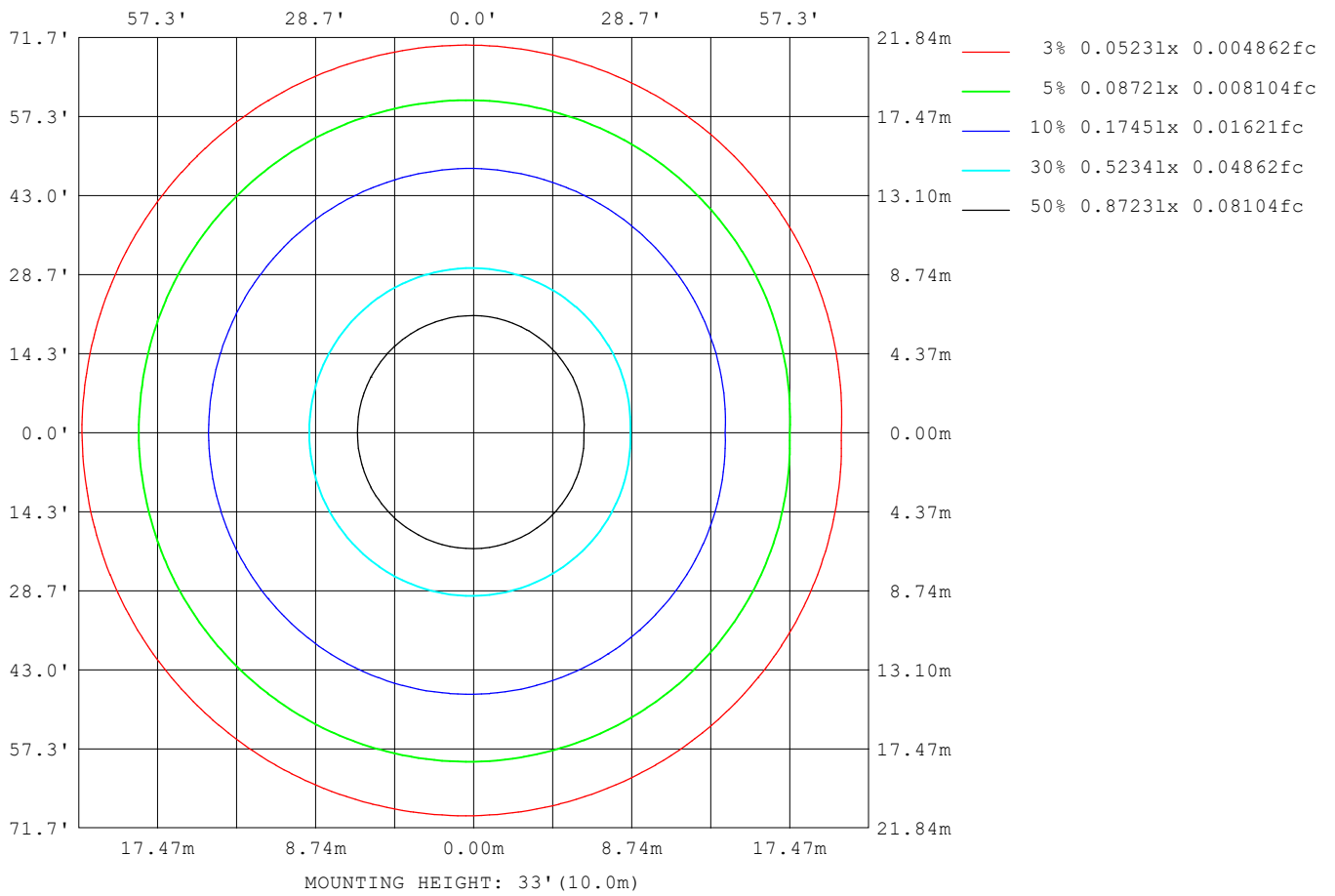
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-01-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

ISOLUX DIAGRAM

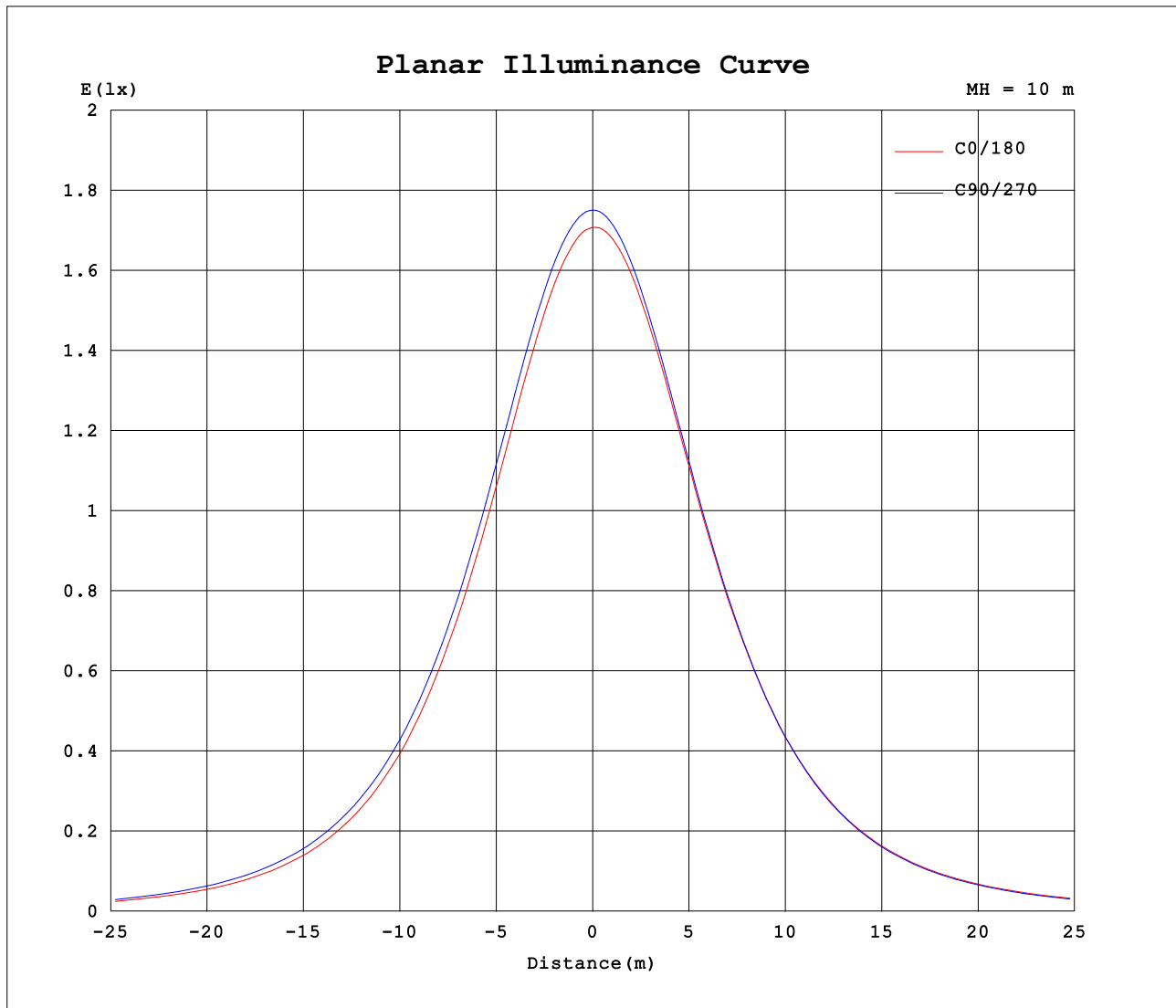
Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz		
Lamp Flux:522.077x1 lm		
Name: S003224GC1LZ		
MFR.:		



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-01-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.000m [K=0.7125]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-01-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7125]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.1970A P:4.7000W PF:1.0000 Freq:0Hz		
Lamp Flux:522.077x1 lm		
Name: S003224GC1LZ		
MFR.:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	171	173	175	175	174	172	171	172	174	175	175	173						
5	169	172	174	174	173	172	171	172	173	175	174	172						
10	167	170	171	172	172	170	169	171	172	173	172	170						
15	163	166	168	169	168	168	167	168	169	169	168	166						
20	157	160	163	164	164	163	163	164	165	165	163	161						
25	151	154	156	158	158	158	157	158	159	159	157	155						
30	143	146	149	151	151	151	151	151	152	152	150	147						
35	133	137	140	142	143	143	143	143	144	144	142	138						
40	123	127	130	132	133	134	134	134	135	134	132	128						
45	111	116	119	121	123	123	123	124	124	123	121	117						
50	99.1	103	107	109	111	112	112	113	112	111	108	104						
55	85.7	89.8	93.2	95.8	97.6	98.7	99.2	99.7	99.4	98.2	95.3	91.1						
60	71.8	75.6	78.8	81.4	83.5	84.9	85.8	86.1	85.5	84.0	81.1	77.1						
65	57.5	60.8	63.7	66.3	68.7	70.5	71.6	71.7	70.8	68.9	66.1	62.3						
70	43.0	45.6	48.1	50.5	53.1	55.4	56.8	56.5	55.3	53.2	50.5	47.1						
75	29.1	30.6	32.4	34.4	37.5	40.4	42.3	41.5	39.6	37.0	34.6	32.0						
80	17.0	16.9	17.7	19.2	22.6	26.0	28.4	27.0	24.5	21.6	19.8	18.3						
85	7.62	6.08	5.76	6.68	10.3	14.0	16.8	14.8	11.8	8.58	7.45	7.13						
90	2.74	0.67	0.00	0.22	3.17	6.35	8.74	6.74	3.89	1.12	0.64	1.18						
95	1.55	0.38	0.00	0.20	1.99	3.90	5.32	4.10	2.36	0.67	0.35	0.64						
100	0.84	0.18	0.00	0.19	1.37	2.62	3.55	2.82	1.73	0.65	0.37	0.43						
105	0.29	0.14	0.11	0.18	0.49	0.82	1.08	1.01	0.85	0.64	0.51	0.39						
110	0.18	0.13	0.13	0.18	0.33	0.50	0.65	0.69	0.68	0.63	0.52	0.38						
115	0.19	0.14	0.14	0.19	0.33	0.49	0.63	0.68	0.67	0.62	0.52	0.38						
120	0.21	0.16	0.16	0.21	0.34	0.50	0.64	0.68	0.67	0.62	0.53	0.39						
125	0.23	0.18	0.18	0.22	0.36	0.50	0.63	0.68	0.68	0.63	0.54	0.41						
130	0.25	0.20	0.20	0.24	0.37	0.51	0.63	0.68	0.68	0.63	0.55	0.42						
135	0.26	0.21	0.21	0.25	0.37	0.51	0.63	0.68	0.68	0.64	0.56	0.43						
140	0.27	0.23	0.23	0.27	0.38	0.50	0.62	0.66	0.67	0.63	0.55	0.43						
145	0.28	0.25	0.25	0.29	0.39	0.50	0.60	0.65	0.66	0.63	0.56	0.44						
150	0.30	0.28	0.28	0.32	0.40	0.50	0.59	0.64	0.65	0.63	0.57	0.46						
155	0.33	0.31	0.32	0.35	0.42	0.50	0.57	0.62	0.64	0.63	0.57	0.47						
160	0.35	0.35	0.36	0.38	0.44	0.50	0.56	0.60	0.62	0.62	0.56	0.48						
165	0.38	0.39	0.40	0.42	0.46	0.50	0.54	0.58	0.60	0.60	0.56	0.48						
170	0.41	0.42	0.43	0.45	0.47	0.50	0.52	0.57	0.60	0.61	0.57	0.51						
175	0.44	0.45	0.46	0.47	0.48	0.48	0.49	0.53	0.56	0.57	0.55	0.51						
180	0.46	0.62	0.71	0.74	0.67	0.56	0.46	0.47	0.50	0.53	0.52	0.50						

C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks: