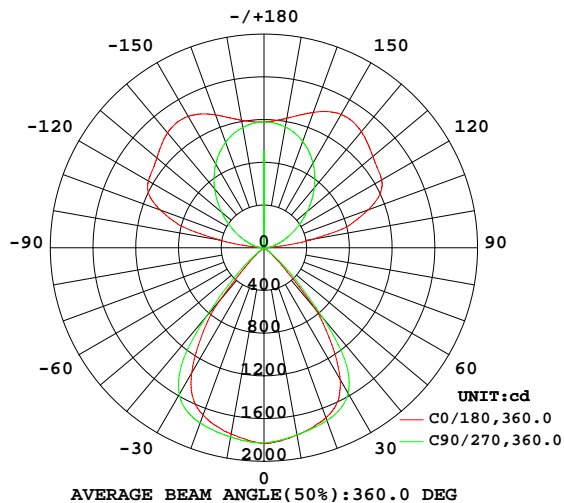


LUMINAIRE PHOTOMETRIC TEST REPORT

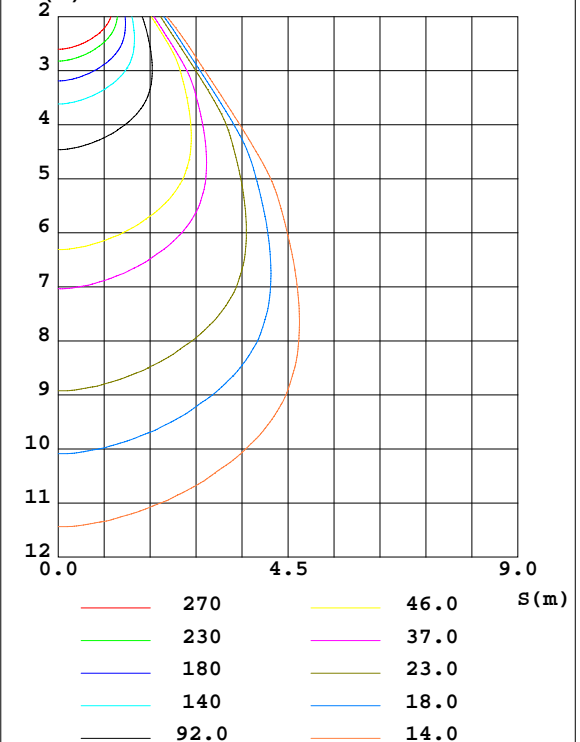
Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.65 lm/W			
MODEL		Imax(cd)	1832	S/MH(C0/180)	1.07
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	7648.5	η UP,DN(C0-180)	32.6,17.6
NOMINAL FLUX(lm)	7648.53	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	32.3,17.5
LAMPS INSIDE	1	η up(%)	64.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.0	η down(%)	35.1	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

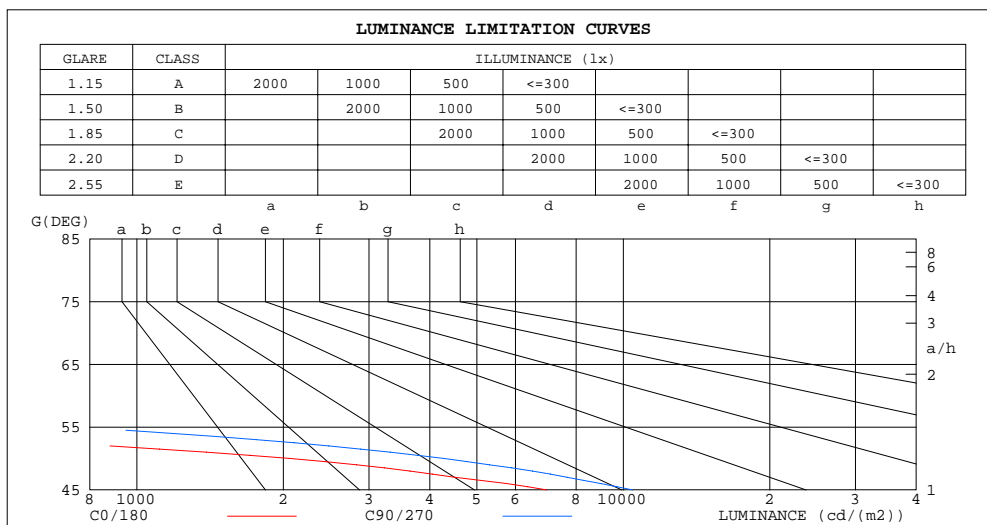
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1780	1762	1779	1760	1771	1778	1799	1780	0- 10	171.7	171.7	2.24,2.24
20	1695	1686	1721	1684	1667	1702	1745	1714	10- 20	491.6	663.3	8.67,8.67
30	1426	1626	1575	1598	1354	1610	1586	1648	20- 30	756.6	1420	18.6,18.6
40	748.1	1165	854.5	1061	639.0	1100	838.9	1127	30- 40	814.6	2234	29.2,29.2
50	71.13	361.3	147.5	299.2	50.05	309.4	135.2	341.1	40- 50	393.8	2628	34.4,34.4
60	0.7885	31.55	0.7921	22.96	0.6351	24.07	0.8247	26.38	50- 60	56.42	2685	35.1,35.1
70	0.4383	0.3012	0.2923	0.2923	0.4679	0.4889	0.2637	0.2956	60- 70	1.736	2686	35.1,35.1
80	0.3140	0.1804	0.1632	0.3985	1.779	0.3873	0.2406	0.2749	70- 80	0.3613	2687	35.1,35.1
90	0.9794	0.6873	7.406	3.454	2.603	1.856	0.5069	1.400	80- 90	1.082	2688	35.1,35.1
100	472.1	572.2	75.66	553.7	428.3	553.1	73.03	553.8	90-100	176.2	2864	37.4,37.4
110	1036	830.1	184.2	788.5	1032	776.0	180.2	790.8	100-110	584.1	3448	45.1,45.1
120	1272	1014	336.0	984.7	1250	970.5	331.3	981.4	110-120	783.3	4231	55.3,55.3
130	1331	1165	529.6	1136	1310	1128	518.3	1141	120-130	844.4	5076	66.4,66.4
140	1419	1240	732.6	1204	1405	1202	719.2	1219	130-140	832.6	5908	77.2,77.2
150	1442	1243	917.1	1208	1421	1205	905.9	1229	140-150	734.0	6642	86.8,86.8
160	1348	1219	1060	1190	1324	1188	1052	1209	150-160	555.3	7198	94.1,94.1
170	1232	1196	1149	1177	1212	1178	1144	1190	160-170	338.0	7536	98.5,98.5
180	1179	1179	1179	1179	1179	1179	1179	1179	170-180	112.8	7649	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	90	32
80	34	18
75	25	15
70	24	16
65	25	17
60	29	29
55	231	750
50	2061	4272
45	6961	10451

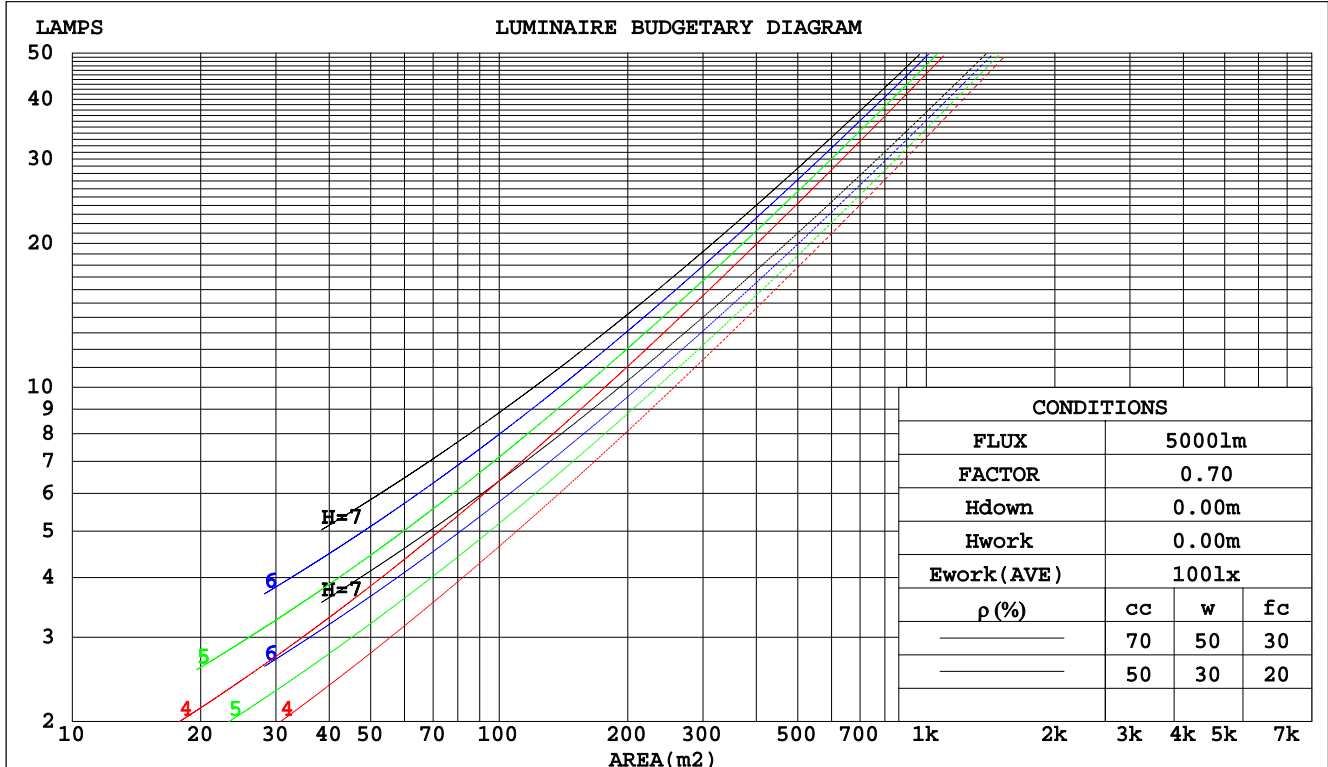
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	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	1.04	1.04	1.04	.94	.94	.94	.75	.75	.75	.58	.58	.58	.42	.42	.42	.35
1.0	.92	.89	.86	.84	.81	.79	.68	.66	.64	.53	.52	.51	.40	.39	.39	.32
2.0	.82	.77	.73	.75	.71	.67	.61	.58	.56	.48	.47	.45	.37	.36	.35	.30
3.0	.74	.67	.62	.67	.62	.58	.55	.52	.49	.44	.42	.40	.34	.33	.31	.27
4.0	.66	.59	.54	.61	.55	.50	.50	.46	.43	.40	.38	.36	.31	.30	.28	.25
5.0	.60	.53	.47	.55	.49	.44	.46	.41	.38	.37	.34	.32	.29	.27	.26	.22
6.0	.54	.47	.42	.50	.44	.39	.42	.37	.34	.34	.31	.29	.27	.25	.23	.20
7.0	.49	.42	.37	.45	.39	.35	.38	.34	.30	.31	.28	.26	.25	.23	.21	.19
8.0	.45	.38	.33	.42	.35	.31	.35	.31	.27	.29	.26	.23	.23	.21	.20	.17
9.0	.41	.34	.30	.38	.32	.28	.32	.28	.25	.27	.24	.21	.22	.20	.18	.16
10.0	.38	.31	.27	.35	.29	.26	.30	.26	.23	.25	.22	.20	.20	.18	.17	.15



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

WEC AND CCEC

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 1285*48*76			SERIAL No.:		
MFR.:			SUR.:1.28*0.042			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	.236	.134	.042	.209	.119	.038	.160	.092	.029	.114	.066	.021	.072	.042	.013		
2.0	.220	.121	.037	.196	.108	.033	.151	.084	.026	.109	.061	.019	.071	.040	.013		
3.0	.206	.110	.033	.184	.098	.030	.143	.077	.023	.104	.057	.018	.069	.038	.012		
4.0	.193	.100	.029	.173	.090	.027	.135	.071	.021	.099	.053	.016	.067	.036	.011		
5.0	.181	.092	.027	.162	.083	.024	.127	.066	.019	.095	.050	.015	.064	.034	.010		
6.0	.170	.085	.024	.153	.077	.022	.120	.062	.018	.090	.047	.014	.062	.032	.010		
7.0	.160	.079	.022	.144	.072	.020	.114	.058	.017	.086	.044	.013	.059	.031	.009		
8.0	.151	.074	.021	.136	.067	.019	.108	.054	.015	.082	.041	.012	.057	.029	.008		
9.0	.143	.069	.019	.129	.063	.018	.103	.051	.014	.078	.039	.011	.054	.028	.008		
10.0	.135	.065	.018	.122	.059	.016	.098	.048	.013	.074	.037	.010	.052	.026	.008		

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	.685	.685	.685	.585	.585	.585	.399	.399	.399	.229	.229	.229	.073	.073	.073		
1.0	.673	.655	.638	.576	.562	.550	.394	.387	.380	.227	.224	.221	.073	.072	.071		
2.0	.664	.634	.608	.569	.546	.526	.390	.377	.367	.225	.220	.215	.072	.071	.070		
3.0	.656	.618	.588	.563	.533	.509	.386	.370	.357	.223	.216	.211	.072	.070	.069		
4.0	.649	.606	.573	.557	.524	.498	.383	.365	.351	.222	.214	.207	.071	.070	.068		
5.0	.643	.597	.563	.552	.516	.490	.380	.361	.346	.220	.212	.205	.071	.069	.068		
6.0	.637	.589	.555	.548	.511	.484	.378	.357	.342	.219	.210	.203	.071	.069	.067		
7.0	.632	.583	.550	.543	.506	.479	.376	.355	.339	.218	.209	.202	.070	.068	.067		
8.0	.627	.578	.545	.540	.502	.475	.373	.352	.337	.217	.208	.201	.070	.068	.067		
9.0	.622	.574	.542	.536	.498	.473	.371	.350	.336	.216	.207	.200	.070	.068	.066		
10.0	.618	.570	.539	.532	.495	.470	.369	.349	.334	.215	.206	.199	.070	.068	.066		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.: 1285*48*76			SERIAL No.:			
MFR.:					SUR.:1.28*0.042			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	2H	13.0	13.7	13.9	14.7	15.9	14.0	14.8	15.0	15.7	17.0
	3H	12.6	13.3	13.6	14.2	15.6	13.7	14.3	14.7	15.3	16.6
	4H	12.4	13.0	13.5	14.0	15.4	13.5	14.1	14.5	15.1	16.4
	6H	12.2	12.8	13.3	13.8	15.2	13.3	13.8	14.3	14.9	16.2
	8H	12.1	12.7	13.2	13.7	15.1	13.2	13.7	14.2	14.8	16.1
	12H	12.0	12.5	13.1	13.6	15.0	13.1	13.6	14.2	14.6	16.0
4H	2H	12.4	13.1	13.5	14.1	15.4	13.5	14.1	14.5	15.1	16.4
	3H	12.1	12.6	13.1	13.6	15.0	13.1	13.6	14.2	14.6	16.0
	4H	11.9	12.3	13.0	13.4	14.8	12.9	13.4	14.0	14.4	15.8
	6H	11.7	12.1	12.8	13.1	14.6	12.7	13.1	13.8	14.2	15.6
	8H	11.6	11.9	12.7	13.0	14.5	12.6	13.0	13.7	14.0	15.5
	12H	11.5	11.8	12.6	12.9	14.3	12.5	12.8	13.6	13.9	15.4
8H	4H	11.6	11.9	12.7	13.0	14.5	12.6	13.0	13.7	14.0	15.5
	6H	11.4	11.6	12.5	12.7	14.2	12.4	12.7	13.5	13.8	15.3
	8H	11.3	11.5	12.4	12.6	14.1	12.3	12.6	13.4	13.7	15.2
	12H	11.2	11.4	12.3	12.5	14.0	12.2	12.4	13.3	13.5	15.0
12H	4H	11.5	11.8	12.6	12.9	14.3	12.5	12.8	13.6	13.9	15.4
	6H	11.3	11.5	12.4	12.6	14.1	12.3	12.6	13.4	13.7	15.2
	8H	11.2	11.4	12.3	12.5	14.0	12.2	12.4	13.3	13.5	15.0
Variations with the observer position at spacings:											
S = 1.0H	+ 3.1 / -30.2					+ 2.7 / -21.4					
1.5H	+ 3.6 / -14.5					+ 3.9 / - 9.6					
2.0H	+ 5.4 / -28.8					+ 6.0 / -33.7					

CIE Pub.117, 7649 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 7.1$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:

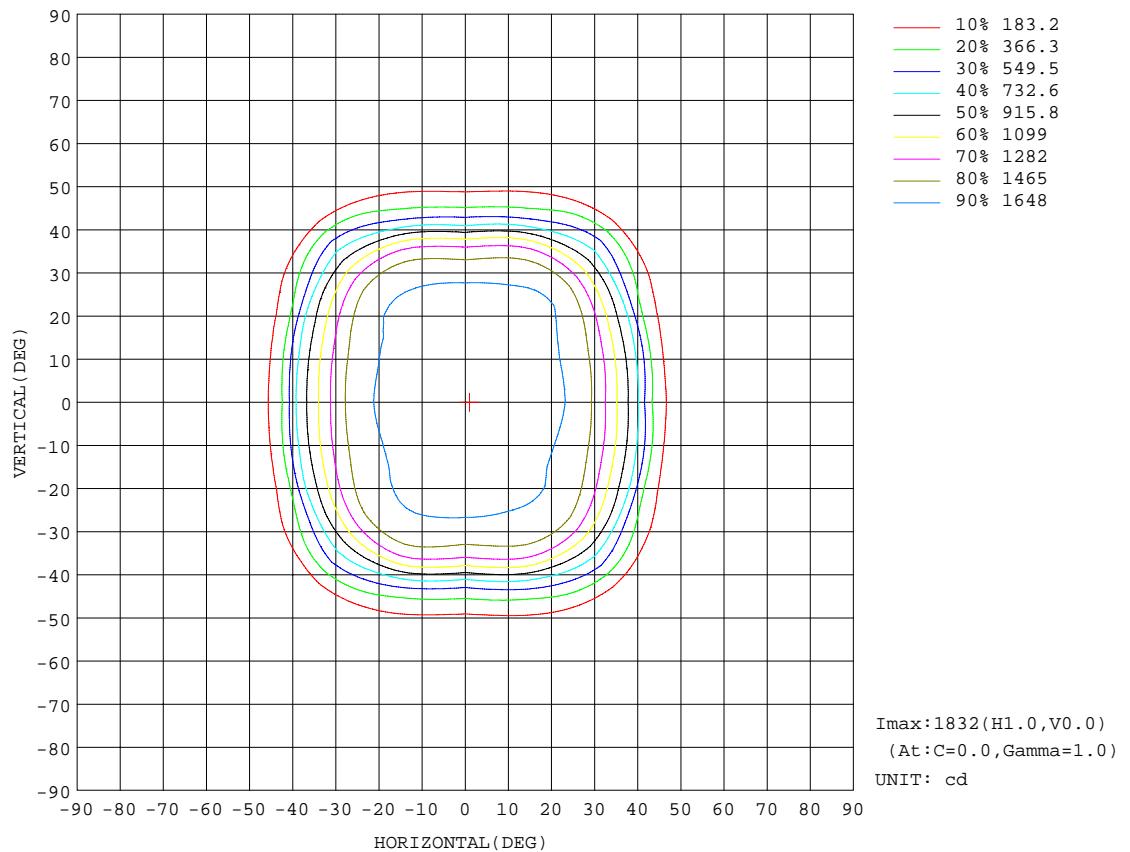
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	38	33	45	36	32	40	33	29	23
0.80	56	46	40	53	44	38	46	39	35	26
1.00	63	53	46	59	50	44	50	44	40	28
1.25	69	59	53	64	56	50	54	48	44	30
1.50	74	64	58	68	60	54	57	52	48	31
2.00	80	71	65	73	66	61	61	56	52	32
2.50	84	76	70	77	70	65	63	59	55	32
3.00	87	80	74	79	73	69	65	61	58	33
4.00	91	85	80	82	78	74	67	64	62	34
5.00	93	88	84	85	81	77	69	66	64	34
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:

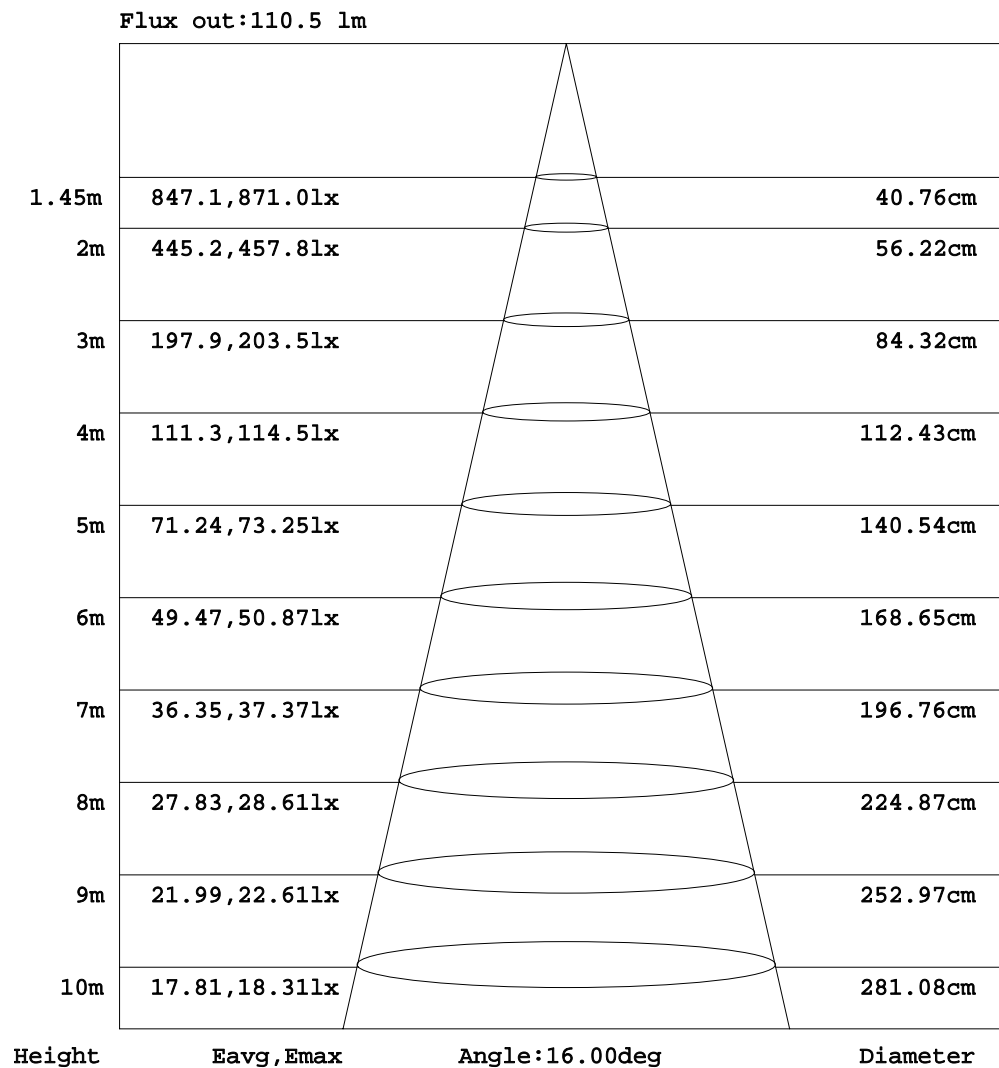


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

AAI Figure

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:



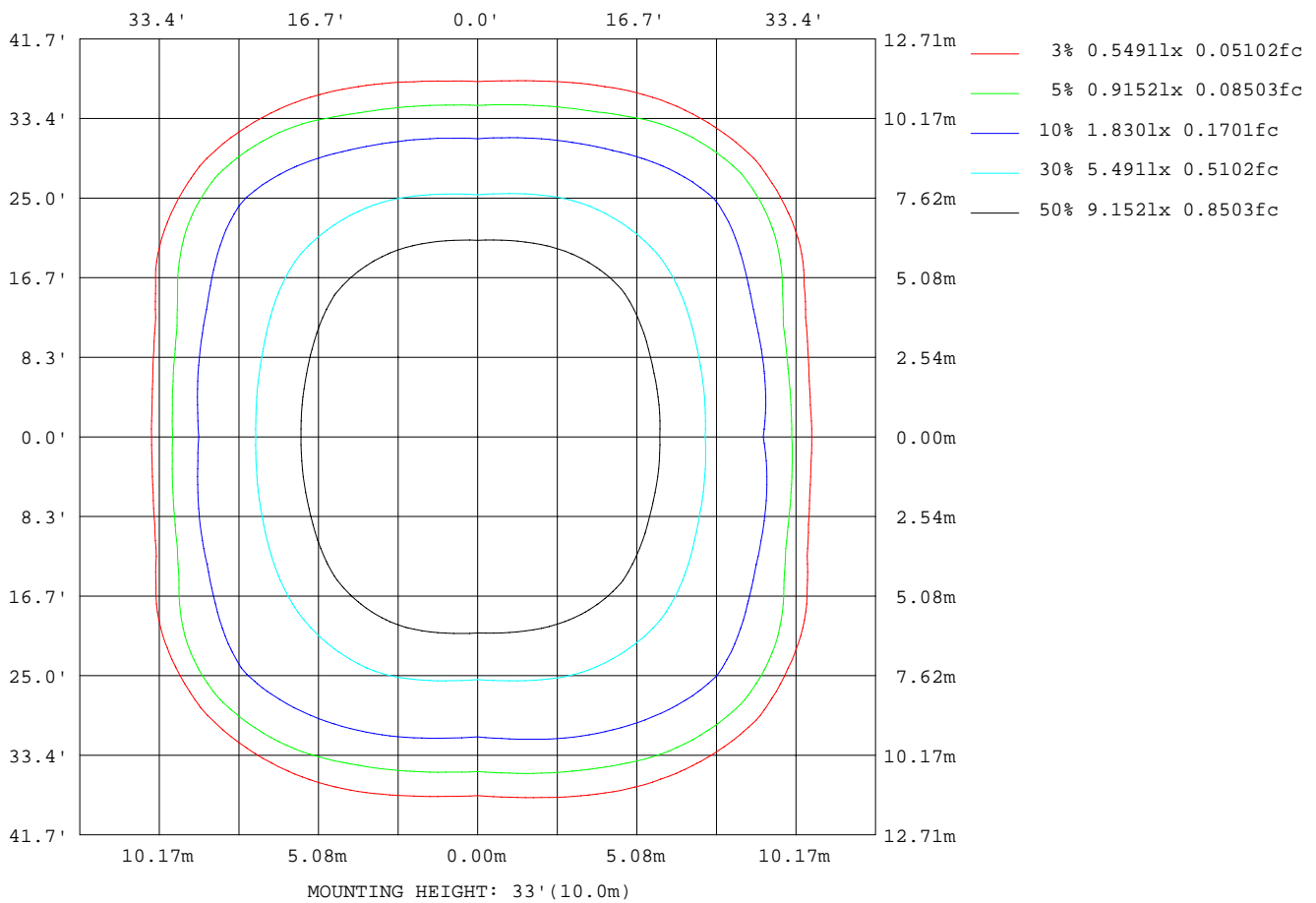
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ISOLUX DIAGRAM

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

LED Avg.L Report

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:

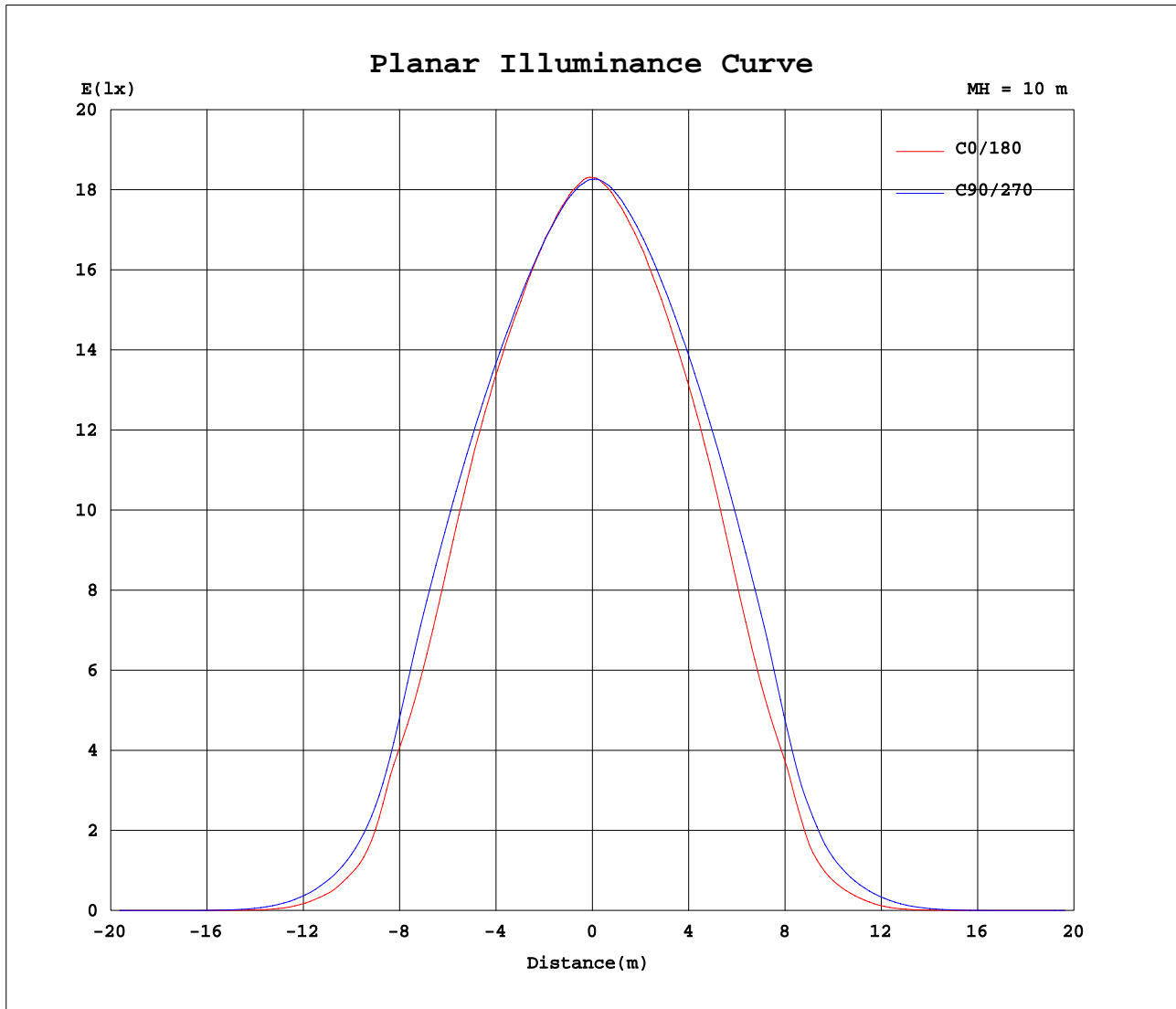
AvgL	cd/m2
L_0~180(65)av	23
L_0~180(75)av	30
L_0~180(85)av	323
L_90~270(65)av	15
L_90~270(75)av	17
L_90~270(85)av	50
L_45(65)av	76
L_45(75)av	20
L_45(85)av	250

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1285*48*76					SERIAL No.:				
MFR.:									SUR.:1.28*0.042					Shielding Angle:				

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1830	1830	1830	1830	1829	1829	1829	1829	1828	1828	1828	1827	1827	1827	1826	1826	1826	1826	1826
5	1815	1814	1813	1811	1810	1810	1809	1809	1808	1808	1807	1807	1807	1807	1807	1807	1807	1807	1808
10	1780	1778	1775	1773	1771	1768	1766	1764	1763	1762	1764	1765	1768	1770	1773	1775	1777	1778	1779
15	1745	1741	1737	1734	1731	1728	1725	1723	1721	1720	1721	1723	1726	1730	1734	1739	1744	1749	1752
20	1695	1690	1686	1683	1681	1680	1680	1682	1684	1686	1688	1691	1693	1697	1701	1707	1713	1718	1721
25	1611	1609	1609	1610	1613	1620	1629	1638	1648	1657	1660	1663	1664	1665	1667	1669	1671	1673	1674
30	1426	1435	1447	1462	1481	1507	1539	1571	1601	1626	1632	1632	1628	1620	1610	1599	1589	1580	1575
35	1109	1125	1148	1178	1213	1263	1324	1385	1442	1490	1506	1511	1505	1491	1466	1433	1400	1372	1353
40	748	766	791	823	862	917	985	1052	1114	1165	1181	1183	1170	1145	1095	1026	957	897	854
45	264	274	295	327	370	439	529	618	698	759	749	718	672	617	560	508	460	422	397
50	71.1	73.6	83.5	101	126	167	222	276	324	361	352	329	298	262	229	202	178	159	147
55	7.10	4.14	4.89	9.34	17.5	33.3	55.5	77.9	98.1	114	110	101	87.8	72.8	58.8	46.8	36.4	28.2	23.1
60	0.79	0.00	0.00	0.00	0.61	5.56	13.0	20.4	26.9	31.5	27.8	22.2	15.5	8.57	3.98	2.05	0.97	0.60	0.79
65	0.57	0.37	0.27	0.25	0.34	0.61	1.05	1.49	1.87	2.14	1.84	1.43	0.96	0.50	0.24	0.21	0.24	0.30	0.38
70	0.44	0.40	0.36	0.33	0.31	0.30	0.30	0.30	0.30	0.30	0.28	0.25	0.23	0.21	0.21	0.23	0.25	0.28	0.29
75	0.34	0.31	0.28	0.25	0.23	0.22	0.22	0.22	0.22	0.22	0.21	0.20	0.19	0.18	0.18	0.19	0.20	0.21	0.21
80	0.31	0.29	0.27	0.26	0.24	0.23	0.21	0.20	0.19	0.18	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16
85	0.42	0.38	0.35	0.31	0.28	0.25	0.23	0.20	0.18	0.17	0.16	0.16	0.15	0.15	0.15	0.15	0.14	0.15	0.15
90	0.98	0.97	0.95	0.93	0.90	0.87	0.83	0.79	0.74	0.69	0.61	0.53	0.44	0.36	0.27	0.16	0.10	0.08	7.41
95	104	121	138	154	169	187	207	224	235	238	217	190	158	125	96.8	74.7	56.5	43.1	35.4
100	472	477	483	491	500	520	548	570	580	572	499	412	319	227	160	121	94.7	79.9	75.7
105	833	845	852	852	846	838	827	806	773	725	630	526	419	316	239	189	154	133	125
110	1036	1051	1058	1054	1041	1019	989	948	895	830	729	621	512	409	326	268	224	197	184
115	1200	1204	1199	1185	1163	1133	1096	1049	991	922	821	714	606	503	417	353	304	270	254
120	1272	1265	1252	1234	1210	1185	1156	1120	1073	1014	917	811	704	599	512	444	391	355	336
125	1298	1292	1281	1267	1249	1231	1212	1185	1147	1097	1004	902	796	693	606	538	485	447	428
130	1331	1330	1325	1315	1301	1286	1270	1246	1212	1165	1077	980	879	781	698	634	583	548	530
135	1376	1378	1375	1366	1353	1338	1321	1295	1260	1214	1132	1042	949	859	784	726	680	649	633
140	1419	1422	1420	1412	1398	1380	1357	1326	1287	1240	1166	1087	1007	929	864	814	774	747	733
145	1445	1447	1444	1434	1418	1397	1369	1335	1295	1249	1185	1119	1052	989	935	894	862	840	829
150	1442	1442	1437	1426	1409	1386	1357	1324	1285	1243	1193	1141	1090	1042	1001	969	944	926	917
155	1407	1405	1399	1389	1374	1354	1329	1300	1268	1234	1196	1158	1120	1085	1055	1032	1014	1002	995
160	1348	1346	1340	1332	1320	1305	1287	1266	1243	1219	1194	1168	1144	1121	1101	1086	1074	1065	1060
165	1287	1285	1281	1276	1268	1259	1247	1234	1221	1206	1191	1176	1162	1149	1137	1128	1121	1116	1113
170	1232	1231	1230	1227	1224	1220	1215	1209	1203	1196	1188	1181	1173	1166	1160	1156	1152	1150	1149
175	1195	1195	1195	1194	1193	1192	1190	1188	1186	1184	1182	1181	1179	1177	1176	1175	1173	1172	1172
180	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1285*48*76					SERIAL No.:				
MFR.:									SUR.:1.28*0.042					Shielding Angle:				

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1826	1826	1826	1826	1826	1826	1826	1826	1826	1827	1827	1827	1827	1828	1829	1829	1830	1830	1830
5	1807	1807	1806	1806	1805	1804	1803	1802	1802	1801	1801	1802	1802	1803	1804	1805	1806	1807	1808
10	1777	1775	1773	1771	1768	1766	1764	1762	1760	1760	1760	1761	1762	1764	1766	1768	1770	1771	1772
15	1750	1747	1743	1739	1735	1731	1727	1724	1721	1719	1718	1718	1718	1719	1721	1723	1726	1728	1728
20	1720	1717	1712	1707	1702	1698	1693	1688	1684	1678	1673	1669	1665	1663	1663	1664	1665	1667	1667
25	1675	1676	1675	1674	1671	1668	1663	1657	1648	1634	1619	1603	1589	1578	1571	1566	1564	1564	1566
30	1584	1595	1608	1619	1626	1627	1623	1613	1598	1565	1528	1490	1451	1419	1393	1374	1360	1354	1362
35	1376	1407	1441	1472	1489	1488	1476	1455	1424	1369	1308	1245	1183	1131	1091	1061	1041	1032	1042
40	893	949	1013	1075	1112	1118	1111	1092	1061	1013	957	897	836	779	728	686	656	639	657
45	416	448	489	535	581	625	660	680	682	619	540	453	366	301	261	233	216	211	216
50	157	173	193	216	241	265	285	297	299	267	225	180	134	99.7	78.1	62.6	53.2	50.0	52.8
55	27.1	34.2	43.3	53.8	65.3	76.8	86.4	92.8	94.7	80.4	62.4	42.8	23.6	11.2	6.23	3.94	3.72	5.01	3.58
60	0.73	1.15	2.11	3.69	7.03	11.9	16.6	20.4	23.0	19.5	14.7	9.28	3.90	0.66	0.00	0.00	0.00	0.64	0.00
65	0.33	0.28	0.25	0.26	0.41	0.68	0.96	1.20	1.38	1.23	1.01	0.75	0.50	0.36	0.35	0.37	0.42	0.47	0.45
70	0.28	0.26	0.24	0.22	0.22	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.37	0.39	0.42	0.44	0.45	0.47	0.46
75	0.21	0.20	0.19	0.18	0.19	0.20	0.22	0.24	0.26	0.28	0.31	0.34	0.36	0.39	0.42	0.45	0.48	0.49	0.49
80	0.16	0.16	0.17	0.18	0.19	0.21	0.24	0.30	0.40	0.61	0.84	1.08	1.31	1.49	1.61	1.70	1.76	1.78	1.75
85	0.10	0.07	0.09	0.18	0.46	0.93	1.44	1.95	2.41	2.64	2.79	2.88	2.91	2.90	2.84	2.76	2.68	2.60	2.64
90	0.43	0.78	1.19	1.62	2.07	2.51	2.90	3.23	3.45	3.34	3.13	2.88	2.62	2.49	2.50	2.54	2.58	2.60	2.50
95	38.5	47.5	61.7	80.6	108	141	173	202	224	219	207	189	167	145	124	106	90.9	81.5	89.5
100	74.4	84.1	106	141	206	298	392	480	554	558	546	521	489	465	452	441	433	428	430
105	127	142	171	215	288	385	489	591	686	741	782	812	831	840	839	833	824	815	822
110	189	210	247	299	376	475	581	687	789	859	919	968	1006	1029	1039	1042	1039	1032	1038
115	262	287	329	387	469	570	678	786	888	957	1016	1064	1103	1135	1160	1177	1187	1189	1187
120	346	373	418	479	564	668	778	885	985	1043	1089	1125	1153	1180	1207	1229	1243	1250	1243
125	438	467	512	573	658	761	868	973	1069	1119	1157	1184	1203	1222	1243	1258	1269	1273	1268
130	539	565	607	665	744	843	945	1045	1136	1184	1220	1246	1263	1279	1293	1303	1308	1310	1307
135	640	663	701	752	824	912	1005	1096	1181	1230	1269	1299	1320	1336	1349	1356	1359	1359	1359
140	739	758	790	833	894	970	1049	1129	1204	1254	1297	1332	1359	1380	1394	1402	1406	1405	1405
145	833	848	874	909	958	1018	1083	1149	1212	1261	1304	1342	1373	1397	1413	1423	1428	1428	1427
150	920	931	950	976	1013	1058	1107	1158	1208	1252	1292	1328	1359	1383	1401	1413	1419	1421	1419
155	996	1004	1016	1035	1060	1091	1126	1162	1199	1233	1266	1297	1324	1346	1362	1374	1381	1383	1380
160	1061	1065	1073	1084	1100	1120	1142	1166	1190	1214	1236	1258	1277	1293	1306	1315	1321	1324	1321
165	1113	1115	1119	1125	1134	1145	1157	1170	1184	1197	1210	1222	1233	1243	1250	1256	1259	1261	1259
170	1149	1150	1151	1154	1157	1162	1166	1171	1177	1183	1189	1195	1200	1205	1208	1210	1212	1212	1211
175	1172	1172	1172	1173	1173	1174	1174	1175	1176	1178	1179	1180	1182	1183	1183	1184	1184	1184	1184
180	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm																			
NAME:										TYPE:					WEIGHT:				
SPEC.:										DIM.: 1285*48*76					SERIAL No.:				
MFR.:										SUR.:1.28*0.042					Shielding Angle:				

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1830	1830	1830	1829	1829	1829	1828	1828	1828	1827	1827	1827	1826	1826	1826	1826	1826	1826	1826
5	1808	1809	1810	1810	1811	1811	1812	1812	1813	1814	1814	1815	1816	1817	1818	1819	1820	1820	1819
10	1773	1774	1774	1775	1775	1776	1777	1778	1779	1781	1783	1786	1789	1792	1795	1798	1799	1798	1797
15	1728	1728	1728	1729	1730	1732	1734	1736	1740	1745	1749	1754	1760	1765	1770	1774	1777	1774	1771
20	1668	1670	1672	1676	1682	1688	1695	1702	1707	1712	1716	1721	1726	1733	1738	1742	1745	1743	1739
25	1570	1576	1585	1598	1615	1633	1650	1666	1675	1681	1685	1688	1690	1693	1694	1695	1695	1695	1694
30	1377	1399	1426	1460	1500	1540	1577	1610	1624	1631	1632	1630	1623	1613	1602	1593	1586	1593	1603
35	1064	1095	1136	1191	1257	1324	1387	1442	1465	1477	1479	1472	1453	1424	1395	1369	1351	1372	1402
40	689	733	786	850	920	988	1050	1100	1115	1115	1103	1078	1035	976	919	871	839	878	933
45	232	260	302	372	466	560	643	707	690	651	598	537	484	444	411	387	374	390	417
50	61.8	77.2	99.1	136	184	233	276	309	302	283	257	226	198	176	157	143	135	144	159
55	3.69	5.93	10.9	23.8	44.0	64.4	82.7	96.8	91.9	82.1	69.1	54.7	42.7	34.0	26.9	22.1	19.8	23.4	29.5
60	0.00	0.00	0.59	4.02	9.74	15.5	20.5	24.1	21.0	16.5	11.2	5.80	2.31	1.03	0.45	0.42	0.82	0.60	0.81
65	0.45	0.45	0.49	0.64	0.88	1.11	1.31	1.45	1.29	1.06	0.80	0.54	0.37	0.30	0.27	0.27	0.29	0.26	0.26
70	0.46	0.45	0.44	0.45	0.46	0.47	0.49	0.49	0.46	0.43	0.39	0.35	0.32	0.30	0.28	0.27	0.26	0.28	0.30
75	0.47	0.46	0.44	0.42	0.40	0.38	0.37	0.35	0.33	0.32	0.30	0.29	0.28	0.27	0.26	0.25	0.25	0.26	0.26
80	1.69	1.60	1.47	1.28	1.05	0.81	0.58	0.39	0.33	0.30	0.30	0.32	0.32	0.30	0.27	0.26	0.24	0.24	0.25
85	2.69	2.72	2.72	2.64	2.47	2.26	2.01	1.74	1.41	1.08	0.77	0.49	0.33	0.27	0.26	0.28	0.32	0.31	0.31
90	2.37	2.23	2.10	2.02	1.99	1.96	1.92	1.86	1.67	1.46	1.24	1.03	0.85	0.72	0.62	0.55	0.51	0.52	0.56
95	103	120	140	161	181	199	211	216	197	172	143	112	86.3	66.4	50.3	38.9	33.0	37.9	48.5
100	435	444	456	480	513	540	555	553	482	397	305	214	148	112	87.5	75.0	73.0	74.3	86.3
105	828	831	830	820	801	772	731	679	588	490	391	297	225	179	146	128	122	126	144
110	1040	1037	1026	1001	960	909	848	776	679	577	477	382	306	253	214	189	180	188	211
115	1177	1159	1133	1099	1056	1004	943	873	775	672	569	472	393	334	290	261	249	260	288
120	1228	1206	1178	1148	1117	1078	1030	971	875	772	667	567	485	423	376	345	331	344	375
125	1257	1241	1220	1199	1178	1150	1111	1060	967	865	761	660	577	515	467	435	421	435	467
130	1301	1290	1275	1259	1240	1213	1177	1128	1039	941	841	744	665	605	560	531	518	533	564
135	1355	1347	1334	1317	1295	1266	1227	1177	1094	1004	912	824	751	697	656	630	619	632	661
140	1401	1392	1377	1357	1329	1295	1252	1202	1128	1049	970	895	833	786	751	728	719	731	756
145	1421	1410	1393	1369	1338	1300	1257	1209	1146	1082	1018	957	907	870	841	823	816	826	847
150	1411	1399	1381	1356	1324	1288	1248	1205	1156	1106	1057	1012	974	945	924	911	906	914	931
155	1372	1359	1342	1321	1294	1264	1232	1198	1161	1124	1088	1056	1029	1010	996	987	985	991	1003
160	1314	1304	1292	1275	1256	1234	1211	1188	1164	1141	1119	1099	1083	1070	1060	1054	1052	1056	1064
165	1255	1248	1240	1231	1219	1207	1194	1181	1167	1154	1141	1130	1121	1114	1109	1106	1105	1108	1113
170	1209	1206	1203	1199	1194	1189	1183	1178	1172	1166	1160	1155	1151	1148	1146	1144	1144	1147	1150
175	1184	1183	1183	1182	1180	1179	1177	1176	1174	1173	1172	1171	1170	1170	1170	1170	1170	1171	1172
180	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity: 65.0%
 Test Distance: 11.700m [K=0.8547]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.64V I:0.2532A P:57.227W PF:0.9843 Freq:49.23Hz Lamp Flux:7648.53x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1285*48*76						SERIAL No.:		
MFR.:									SUR.:1.28*0.042						Shielding Angle:		

Table--4

UNIT: cd

C(DEC) γ (DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1826	1826	1826	1826	1826	1826	1826	1827	1827	1827	1827	1828	1828	1829	1830				
5	1819	1818	1817	1817	1816	1816	1816	1815	1814	1813	1812	1812	1812	1813	1814				
10	1794	1792	1789	1787	1784	1782	1780	1779	1779	1778	1778	1779	1779	1779	1780				
15	1766	1761	1757	1753	1750	1747	1745	1744	1743	1743	1742	1743	1743	1743	1744				
20	1734	1729	1725	1723	1720	1717	1714	1710	1706	1702	1698	1695	1694	1693	1694				
25	1693	1692	1691	1692	1692	1691	1687	1676	1663	1650	1637	1627	1620	1615	1612				
30	1615	1627	1639	1648	1654	1654	1648	1621	1589	1554	1519	1490	1469	1451	1437				
35	1435	1469	1494	1509	1515	1511	1495	1446	1387	1324	1261	1210	1174	1146	1124				
40	997	1061	1107	1131	1143	1142	1127	1079	1021	957	894	844	809	781	761				
45	452	495	549	611	665	705	725	666	589	502	413	347	308	281	267				
50	180	204	236	273	305	329	341	306	259	207	154	116	93.1	78.2	70.9				
55	37.6	47.3	59.9	74.4	87.2	96.8	102	87.5	69.2	48.8	28.5	14.4	7.33	3.78	3.70				
60	1.59	3.09	6.89	12.7	18.4	23.2	26.4	22.5	17.2	11.0	4.85	0.73	0.00	0.00	0.00				
65	0.29	0.38	0.61	0.99	1.36	1.68	1.92	1.72	1.43	1.09	0.75	0.53	0.44	0.42	0.46				
70	0.32	0.34	0.35	0.33	0.31	0.30	0.30	0.33	0.37	0.42	0.46	0.48	0.48	0.48	0.46				
75	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.30	0.33	0.35	0.37	0.38	0.38	0.37	0.36				
80	0.26	0.27	0.28	0.27	0.27	0.27	0.27	0.30	0.33	0.36	0.39	0.40	0.39	0.38	0.35				
85	0.31	0.31	0.31	0.32	0.33	0.34	0.36	0.40	0.45	0.49	0.52	0.53	0.53	0.51	0.47				
90	0.63	0.72	0.84	0.98	1.12	1.26	1.40	1.52	1.62	1.69	1.71	1.68	1.58	1.43	1.23				
95	64.3	84.8	113	148	183	214	238	236	227	212	193	175	159	142	123				
100	110	146	211	301	393	480	554	568	565	551	530	513	504	494	483				
105	175	221	294	392	495	596	689	741	779	806	824	837	846	849	844				
110	249	303	380	480	585	691	791	860	919	966	1003	1030	1047	1054	1050				
115	332	391	472	572	678	785	886	958	1019	1071	1113	1147	1174	1191	1200				
120	422	484	568	670	777	883	981	1043	1093	1134	1167	1197	1224	1245	1262				
125	516	579	663	766	872	975	1070	1123	1163	1193	1215	1237	1258	1275	1289				
130	610	671	752	851	952	1051	1141	1190	1227	1254	1273	1290	1307	1320	1327				
135	704	760	834	923	1016	1106	1190	1239	1278	1307	1329	1347	1362	1372	1377				
140	794	843	907	984	1065	1144	1219	1269	1310	1344	1370	1391	1407	1417	1421				
145	878	918	970	1033	1099	1165	1229	1278	1320	1357	1388	1412	1429	1441	1446				
150	955	987	1027	1075	1126	1178	1229	1272	1312	1347	1378	1402	1420	1433	1440				
155	1021	1044	1073	1107	1144	1182	1220	1255	1287	1318	1344	1366	1383	1395	1403				
160	1076	1092	1111	1133	1158	1183	1209	1234	1258	1280	1300	1316	1329	1338	1345				
165	1120	1129	1141	1154	1168	1183	1199	1214	1229	1243	1256	1266	1274	1280	1284				
170	1154	1160	1165	1171	1177	1184	1190	1197	1204	1211	1217	1222	1226	1229	1231				
175	1173	1174	1176	1178	1180	1182	1184	1186	1188	1190	1191	1192	1193	1194	1195				
180	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks: