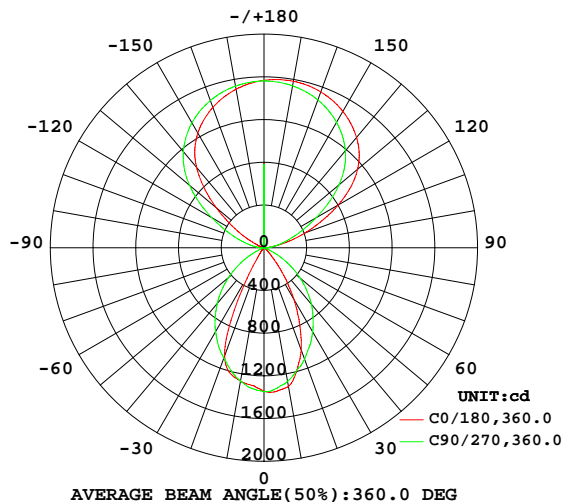


LUMINAIRE PHOTOMETRIC TEST REPORT

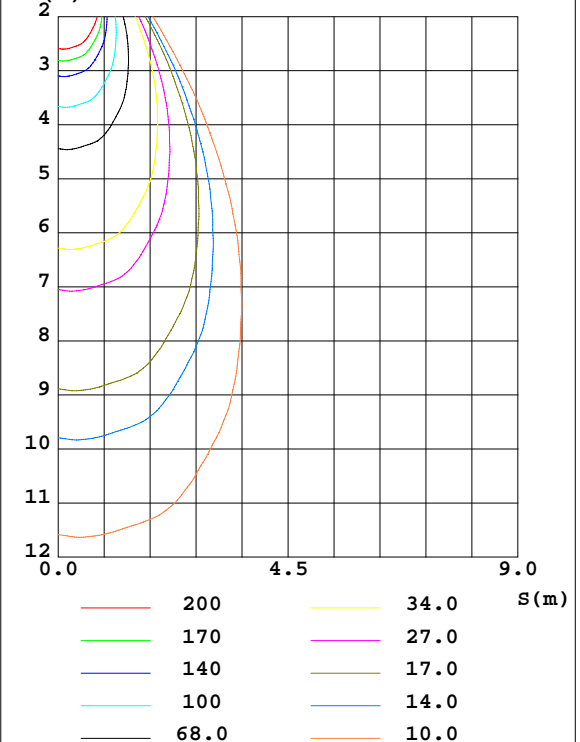
Test:U:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 780*62*42	SERIAL No.:
MFR.:	SUR.:0.72*0.017	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.86 lm/W			
MODEL		Imax(cd)	1584	S/MH(C0/180)	0.73
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.04
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	5527.5	η UP,DN(C0-180)	36.9,13.5
NOMINAL FLUX(lm)	5527.45	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	36.4,13.2
LAMPS INSIDE	1	η up(%)	73.3	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230.0	η down(%)	26.7	CIBSE SHR MAX	0.90

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:2025-07-10

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:

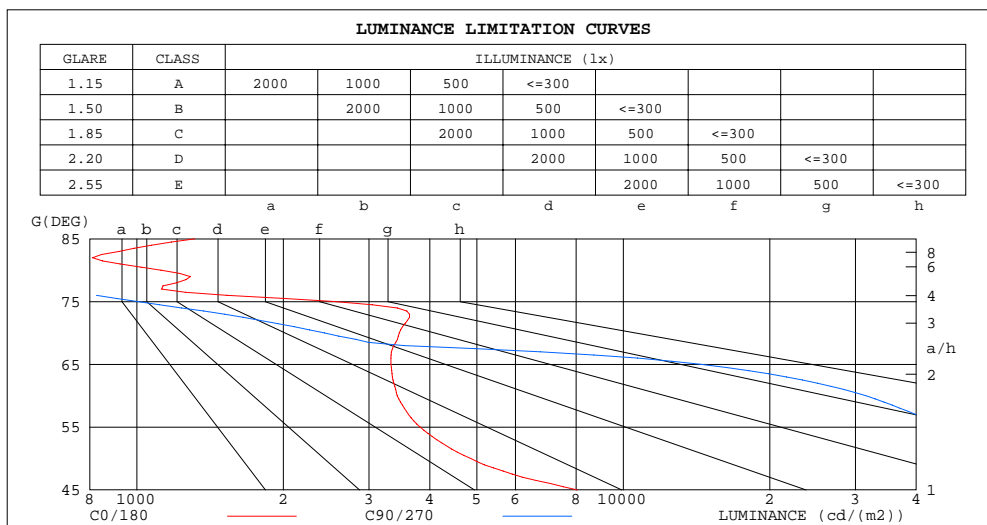
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1319	1293	1270	1241	1271	1245	1268	1300	0- 10	124.7	124.7	2.26,2.26
20	1021	1075	1110	1090	1078	1091	1100	1083	10- 20	334.6	459.3	8.31,8.31
30	567.9	729.8	910.5	764.0	255.4	743.1	906.0	741.7	20- 30	412.2	871.5	15.8,15.8
40	166.9	361.7	691.2	172.1	35.78	157.6	679.1	372.4	30- 40	314.5	1186	21.5,21.5
50	38.05	94.39	443.0	24.37	11.40	22.21	431.6	93.92	40- 50	184.7	1371	24.8,24.8
60	20.91	18.49	192.1	6.490	7.034	5.882	183.7	15.69	50- 60	81.55	1452	26.3,26.3
70	14.44	5.946	10.14	2.398	6.606	2.084	11.62	4.828	60- 70	20.23	1472	26.6,26.6
80	2.374	2.235	0.8355	1.160	2.927	1.095	1.087	1.958	70- 80	3.625	1476	26.7,26.7
90	0.9880	0.7732	0.3608	0.7216	1.821	1.340	0.6014	0.9107	80- 90	1.224	1477	26.7,26.7
100	111.8	147.7	111.1	16.44	3.538	16.51	112.0	145.6	90-100	42.17	1519	27.5,27.5
110	410.9	387.1	280.4	109.4	50.30	113.5	283.3	387.1	100-110	168.8	1688	30.5,30.5
120	802.5	740.5	565.5	338.5	215.6	343.0	565.2	735.5	110-120	379.5	2068	37.4,37.4
130	1145	1083	917.3	692.0	582.0	688.6	910.3	1073	120-130	635.4	2703	48.9,48.9
140	1349	1302	1186	1046	981.7	1041	1175	1293	130-140	799.6	3503	63.4,63.4
150	1476	1443	1358	1270	1239	1266	1351	1435	140-150	795.1	4298	77.8,77.8
160	1554	1528	1474	1418	1400	1416	1468	1524	150-160	654.4	4952	89.6,89.6
170	1583	1568	1540	1513	1508	1512	1537	1564	160-170	427.0	5379	97.3,97.3
180	1568	1568	1568	1568	1568	1568	1568	1568	170-180	148.1	5527	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:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 780*62*42	SERIAL No.:
MFR.:	SUR.:0.72*0.017	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1317	453
80	1121	394
75	2552	1004
70	3461	2430
65	3330	14426
60	3428	31489
55	3821	45427
50	4853	56490
45	8037	65830

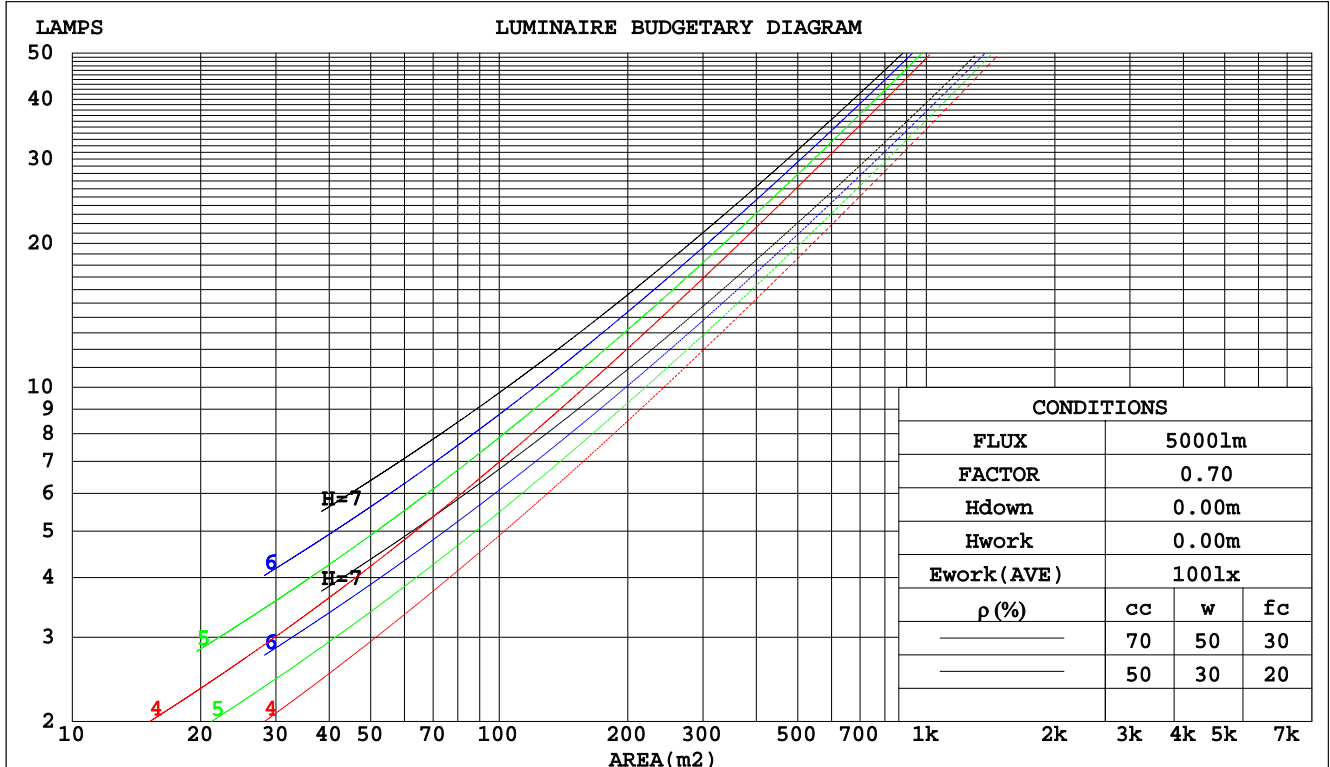
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 780*62*42	SERIAL No.:
MFR.:	SUR.:0.72*0.017	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			Coefficients of Utilization(CU)												
0.0	1.02	1.02	1.02	.91	.91	.91	.70	.70	.70	.52	.52	.52	.35	.35	.35	.27
1.0	.90	.87	.83	.81	.78	.75	.63	.61	.60	.47	.46	.45	.32	.32	.31	.25
2.0	.80	.74	.70	.72	.67	.64	.57	.54	.51	.43	.41	.39	.30	.29	.28	.22
3.0	.71	.65	.60	.64	.59	.54	.51	.47	.44	.39	.37	.35	.28	.26	.25	.20
4.0	.64	.57	.51	.58	.52	.47	.46	.42	.39	.35	.33	.31	.25	.24	.23	.19
5.0	.57	.50	.45	.52	.46	.41	.42	.38	.34	.32	.30	.28	.24	.22	.21	.17
6.0	.52	.45	.40	.47	.41	.37	.38	.34	.31	.30	.27	.25	.22	.20	.19	.16
7.0	.47	.40	.35	.43	.37	.32	.35	.31	.27	.27	.25	.22	.20	.19	.17	.15
8.0	.43	.36	.31	.39	.33	.29	.32	.28	.25	.25	.22	.20	.19	.17	.16	.14
9.0	.39	.33	.28	.36	.30	.26	.30	.25	.22	.24	.21	.19	.18	.16	.15	.13
10.0	.36	.30	.26	.33	.28	.24	.27	.23	.20	.22	.19	.17	.17	.15	.14	.12



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 780*62*42			SERIAL No.:		
MFR.:			SUR.:0.72*0.017			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	.241	.137	.043	.212	.121	.038	.158	.091	.029	.108	.062	.020	.062	.036	.012	
2.0	.224	.123	.038	.198	.109	.034	.148	.082	.026	.103	.058	.018	.060	.034	.011	
3.0	.209	.111	.033	.185	.099	.030	.139	.075	.023	.097	.053	.016	.058	.032	.010	
4.0	.195	.101	.030	.173	.090	.027	.131	.069	.021	.092	.049	.015	.056	.030	.009	
5.0	.182	.093	.027	.162	.083	.024	.123	.064	.019	.087	.046	.014	.053	.028	.009	
6.0	.171	.085	.024	.152	.077	.022	.116	.059	.017	.082	.043	.013	.051	.027	.008	
7.0	.160	.079	.022	.143	.071	.020	.109	.055	.016	.078	.040	.012	.049	.025	.007	
8.0	.151	.074	.021	.134	.066	.019	.103	.052	.015	.074	.037	.011	.046	.024	.007	
9.0	.142	.069	.019	.127	.062	.017	.098	.048	.014	.070	.035	.010	.044	.023	.007	
10.0	.135	.064	.018	.120	.058	.016	.093	.045	.013	.067	.033	.009	.042	.021	.006	

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	.749	.749	.749	.640	.640	.640	.437	.437	.437	.251	.251	.251	.080	.080	.080		
1.0	.738	.720	.703	.632	.618	.605	.432	.425	.418	.249	.246	.243	.080	.079	.079		
2.0	.730	.699	.673	.625	.602	.582	.428	.416	.406	.247	.242	.238	.079	.078	.077		
3.0	.722	.684	.653	.619	.590	.566	.425	.410	.397	.246	.239	.234	.079	.078	.077		
4.0	.716	.672	.639	.614	.581	.555	.422	.405	.391	.244	.237	.231	.079	.077	.076		
5.0	.709	.663	.629	.609	.574	.547	.420	.401	.386	.243	.235	.229	.078	.077	.076		
6.0	.704	.656	.621	.605	.568	.541	.417	.397	.383	.242	.234	.228	.078	.076	.075		
7.0	.698	.650	.616	.601	.563	.537	.415	.395	.380	.241	.233	.226	.078	.076	.075		
8.0	.693	.645	.612	.597	.559	.533	.413	.393	.378	.240	.232	.225	.078	.076	.075		
9.0	.688	.641	.608	.593	.556	.531	.411	.391	.377	.239	.231	.225	.078	.076	.074		
10.0	.684	.637	.606	.589	.553	.529	.409	.389	.376	.239	.230	.224	.077	.076	.074		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.: 780*62*42			SERIAL No.:			
MFR.:					SUR.:0.72*0.017			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		10.8	11.5	11.9	12.6	14.0	19.1	19.8	20.2	20.9	22.3
	3H	10.7	11.3	11.8	12.4	13.8	18.8	19.5	19.9	20.5	22.0
	4H	10.6	11.2	11.7	12.3	13.7	18.7	19.2	19.8	20.3	21.8
	6H	10.4	11.0	11.6	12.1	13.5	18.5	19.0	19.6	20.1	21.6
	8H	10.4	10.9	11.5	11.9	13.4	18.4	18.9	19.5	20.0	21.4
	12H	10.3	10.7	11.4	11.8	13.3	18.3	18.7	19.4	19.8	21.3
4H	2H	10.7	11.2	11.8	12.3	13.8	18.6	19.2	19.7	20.2	21.7
	3H	10.5	11.0	11.6	12.1	13.6	18.3	18.7	19.4	19.8	21.3
	4H	10.4	10.9	11.6	12.0	13.5	18.1	18.5	19.2	19.6	21.1
	6H	10.3	10.6	11.4	11.8	13.3	17.9	18.2	19.0	19.4	20.9
	8H	10.2	10.5	11.3	11.6	13.2	17.8	18.1	18.9	19.2	20.8
	12H	10.1	10.4	11.2	11.5	13.1	17.6	18.0	18.8	19.1	20.7
8H	4H	10.1	10.5	11.3	11.6	13.2	17.8	18.1	18.9	19.2	20.8
	6H	10.0	10.3	11.2	11.4	13.0	17.5	17.8	18.7	19.0	20.6
	8H	9.9	10.1	11.1	11.3	12.9	17.4	17.7	18.6	18.8	20.4
	12H	9.8	10.0	11.0	11.2	12.8	17.3	17.5	18.5	18.7	20.3
12H	4H	10.0	10.3	11.2	11.5	13.1	17.6	18.0	18.8	19.1	20.7
	6H	9.9	10.1	11.1	11.3	12.9	17.4	17.7	18.6	18.8	20.4
	8H	9.8	10.0	11.0	11.2	12.8	17.3	17.5	18.5	18.7	20.3
Variations with the observer position at spacings:											
S = 1.0H	+ 2.0 / - 5.3					+ 1.4 / - 2.2					
1.5H	+ 3.4 / - 5.5					+ 2.0 / - 6.7					
2.0H	+ 2.5 / - 2.5					+ 4.0 / -12.8					

CIE Pub.117, 5527 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 5.9$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 780*62*42	SERIAL No.:
MFR.:	SUR.:0.72*0.017	Shielding Angle:

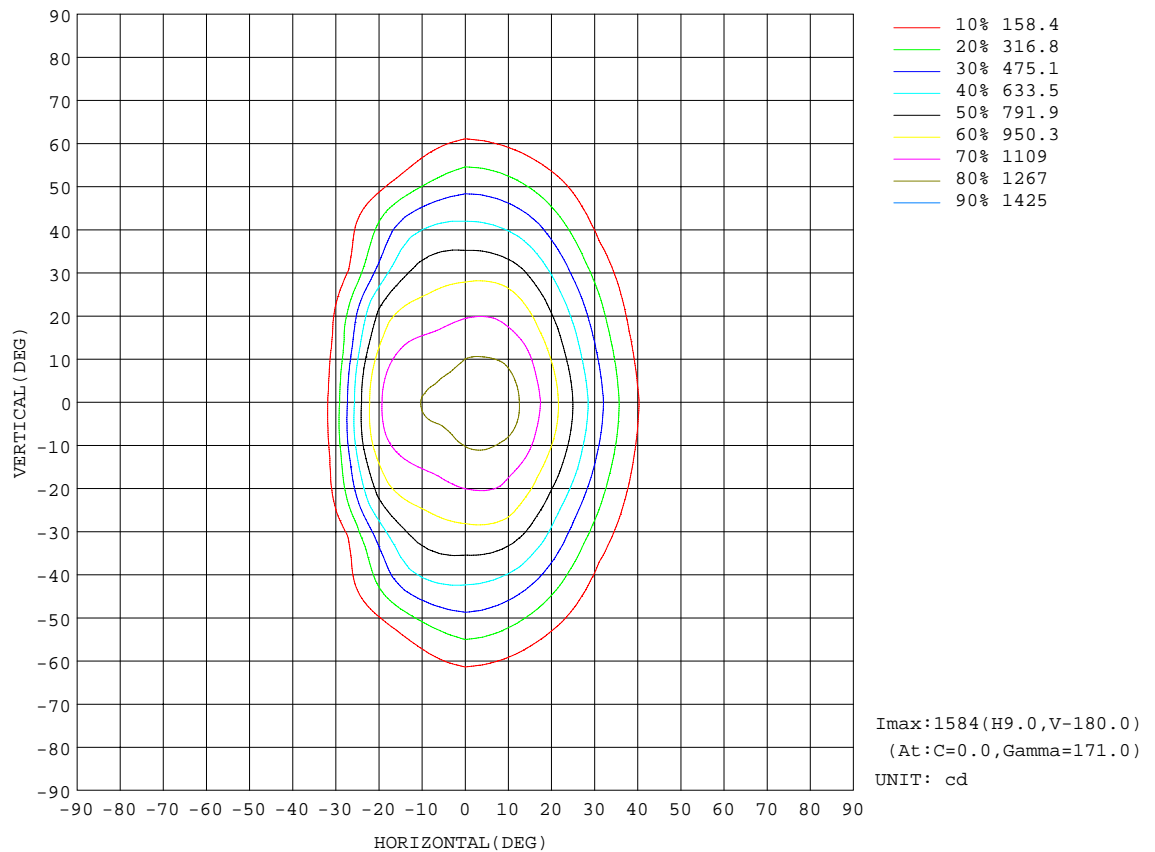
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	34	29	40	32	27	34	28	24	16
0.80	52	42	36	48	39	34	40	34	30	19
1.00	59	49	42	54	45	40	44	39	34	21
1.25	66	56	49	60	51	45	48	43	39	22
1.50	70	61	54	64	56	50	51	46	42	23
2.00	77	68	62	69	62	57	55	51	47	24
2.50	81	73	67	73	66	61	58	54	50	24
3.00	84	77	71	75	70	65	60	56	53	25
4.00	88	82	77	79	74	70	62	59	56	25
5.00	91	86	81	81	77	73	64	61	59	26
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:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 780*62*42	SERIAL No.:
MFR.:	SUR.:0.72*0.017	Shielding Angle:

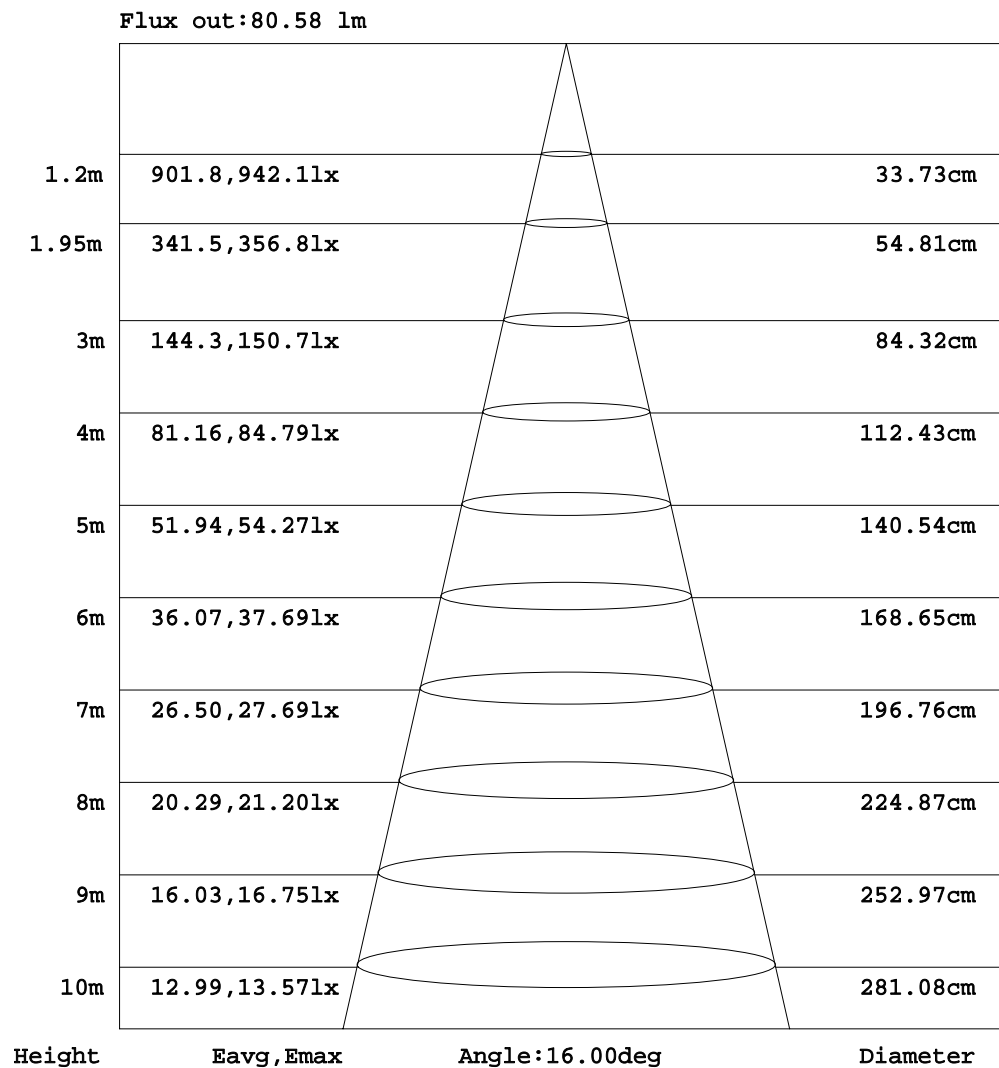


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 780*62*42	SERIAL No.:
MFR.:	SUR.:0.72*0.017	Shielding Angle:



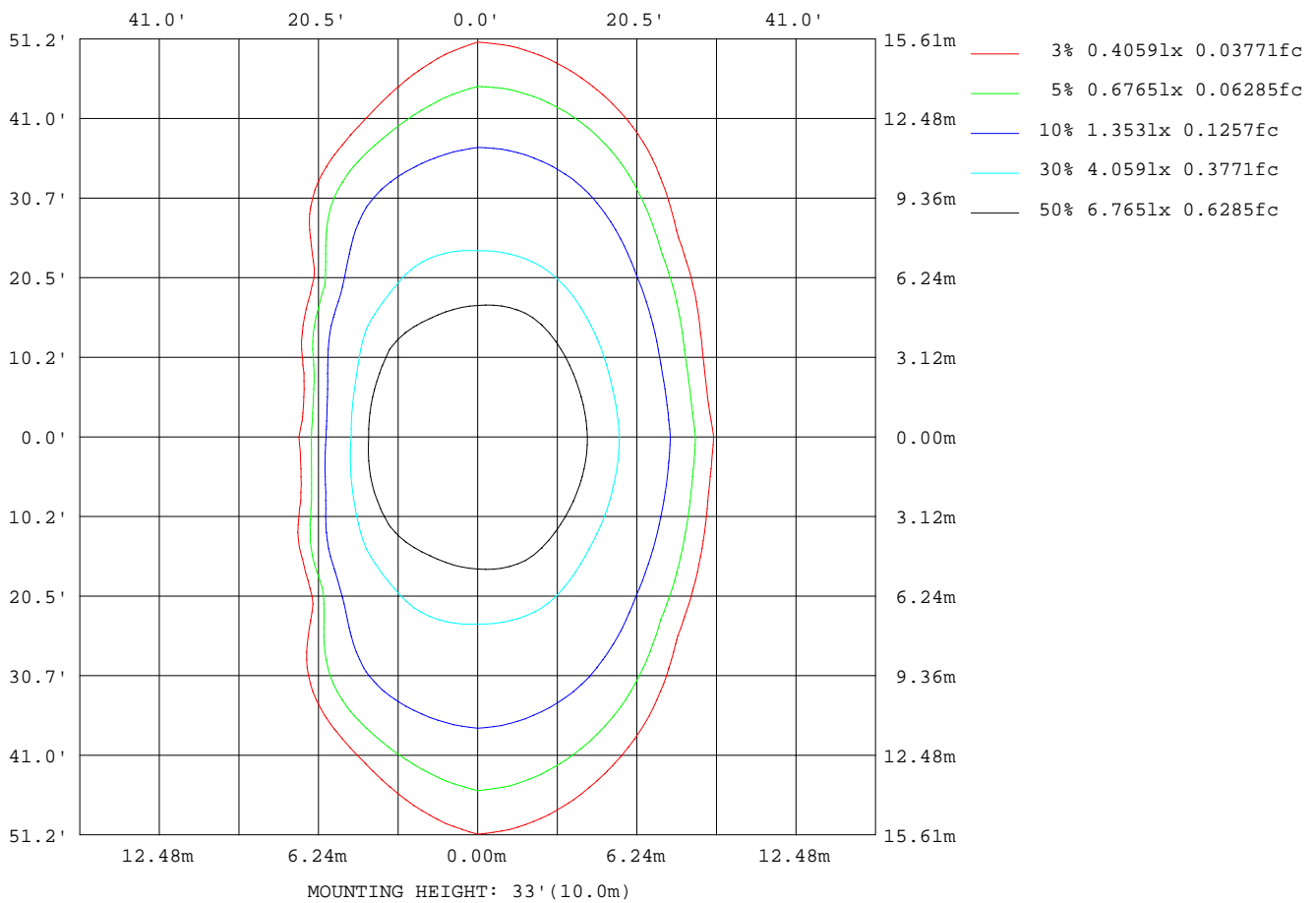
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 780*62*42	SERIAL No.:
MFR.:	SUR.:0.72*0.017	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 780*62*42	SERIAL No.:
MFR.:	SUR.:0.72*0.017	Shielding Angle:

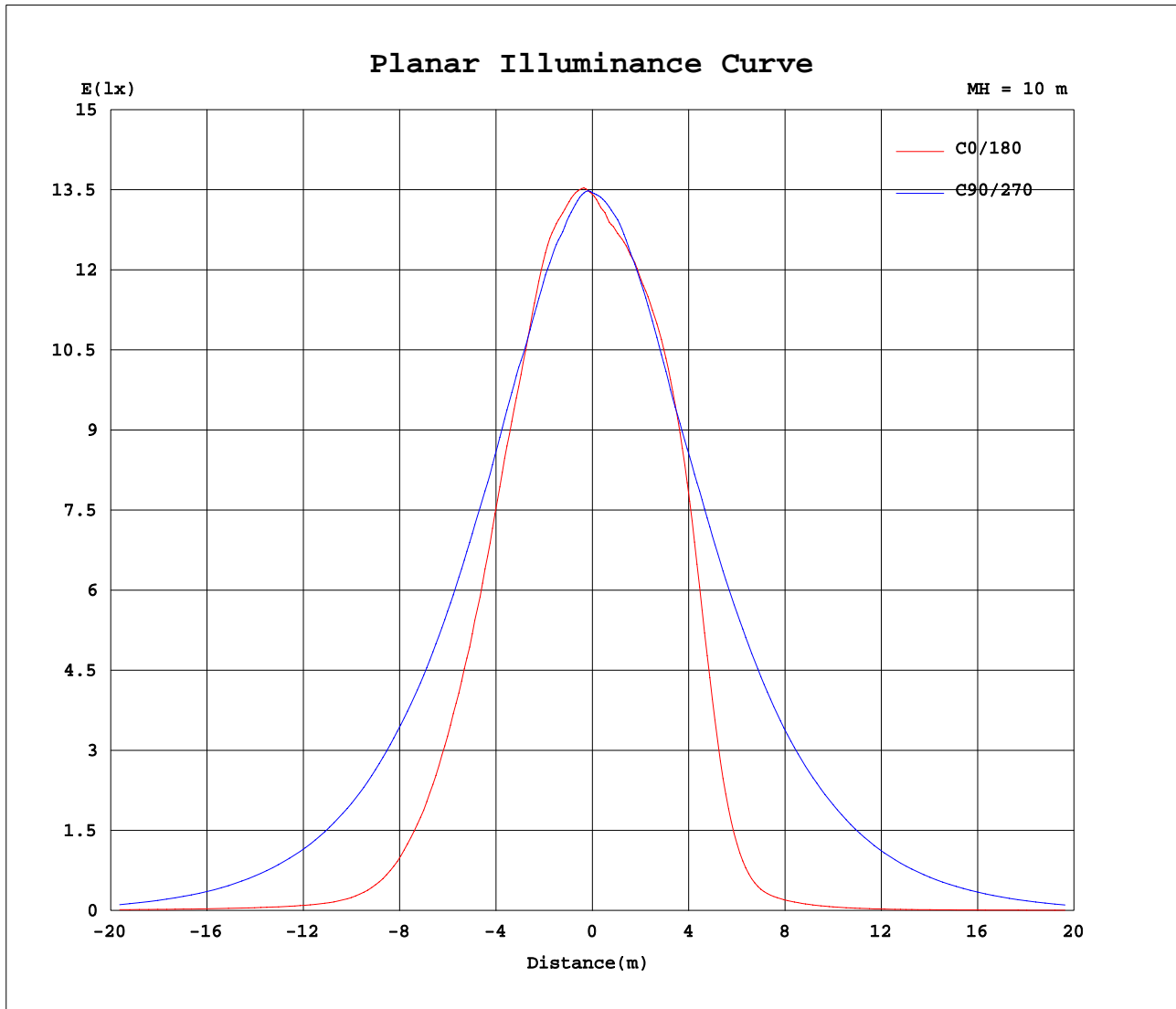
AvgL	cd/m2
L_0~180(65)av	2317
L_0~180(75)av	1967
L_0~180(85)av	1417
L_90~270(65)av	13921
L_90~270(75)av	1121
L_90~270(85)av	501
L_45(65)av	1311
L_45(75)av	686
L_45(85)av	1006

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-07-10

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: 2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 780*62*42					SERIAL No.:				
MFR.:									SUR.:0.72*0.017					Shielding Angle:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1342	1343	1343	1344	1344	1344	1344	1343	1343	1343	1343	1344	1344	1344	1345	1345	1344	1344	1345
5	1350	1352	1354	1355	1356	1355	1354	1352	1349	1347	1346	1344	1343	1341	1338	1334	1331	1327	1323
10	1319	1320	1321	1320	1319	1315	1309	1303	1298	1293	1292	1292	1293	1293	1291	1287	1282	1276	1270
15	1188	1191	1194	1197	1201	1206	1212	1218	1222	1226	1225	1222	1219	1214	1210	1205	1200	1195	1190
20	1021	1022	1024	1027	1032	1038	1046	1055	1064	1075	1087	1100	1111	1121	1125	1125	1122	1117	1110
25	789	792	797	806	817	833	852	873	895	919	946	971	995	1015	1026	1028	1027	1022	1014
30	568	569	574	583	597	616	639	666	697	730	771	813	853	887	909	917	919	917	911
35	343	344	349	361	377	399	427	459	496	537	590	644	695	742	775	792	801	804	802
40	167	166	171	182	198	219	247	280	318	362	419	478	536	590	631	658	676	688	691
45	69.3	65.5	66.5	72.1	82.6	96.9	116	140	170	206	261	319	378	435	481	516	543	560	568
50	38.1	34.4	33.2	34.5	38.3	42.4	47.5	57.0	72.2	94.4	138	188	240	291	338	379	411	433	443
55	26.7	25.5	24.8	24.8	25.3	24.0	21.7	22.1	26.6	36.5	63.3	95.3	131	168	208	248	282	306	318
60	20.9	20.0	19.3	18.7	18.2	16.8	14.7	13.8	14.8	18.5	28.8	42.2	58.2	76.5	102	132	160	181	192
65	17.2	16.3	15.4	14.6	13.8	12.8	11.6	10.7	10.3	10.6	11.5	13.4	16.6	21.3	30.8	44.4	57.3	67.9	74.4
70	14.4	13.4	12.5	11.5	10.5	9.55	8.57	7.63	6.75	5.95	5.07	4.36	3.89	3.73	4.49	6.09	7.73	9.16	10.1
75	8.06	8.07	7.94	7.68	7.29	6.67	5.86	4.99	4.13	3.33	2.81	2.42	2.15	2.00	2.09	2.38	2.70	2.98	3.17
80	2.37	2.48	2.56	2.61	2.62	2.61	2.56	2.48	2.37	2.24	2.05	1.85	1.65	1.44	1.27	1.14	1.02	0.92	0.84
85	1.40	1.41	1.41	1.39	1.36	1.30	1.22	1.14	1.05	0.97	0.95	0.93	0.92	0.90	0.84	0.74	0.64	0.55	0.48
90	0.99	0.99	0.98	0.97	0.95	0.92	0.90	0.86	0.82	0.77	0.70	0.63	0.56	0.49	0.44	0.41	0.38	0.37	0.36
95	52.3	51.8	51.6	51.7	52.2	53.0	54.0	55.5	57.3	59.6	63.9	68.1	71.7	74.3	74.3	71.6	67.3	61.4	54.3
100	112	114	117	120	123	128	133	139	144	148	149	149	148	146	142	136	129	121	111
105	246	246	247	247	248	249	251	253	254	254	251	247	241	235	227	218	207	196	184
110	411	409	407	405	402	400	398	395	392	387	380	372	363	352	340	327	312	297	280
115	600	597	593	589	584	580	575	570	563	555	543	530	515	499	482	465	446	426	406
120	803	799	795	789	783	777	770	762	752	741	726	710	692	673	653	632	611	589	566
125	991	988	984	979	972	965	957	948	938	925	910	893	874	854	833	812	790	766	742
130	1145	1142	1138	1133	1127	1121	1113	1104	1094	1083	1069	1053	1036	1018	1000	981	961	940	917
135	1260	1257	1254	1250	1244	1239	1232	1224	1215	1205	1193	1180	1165	1150	1135	1119	1102	1085	1067
140	1349	1347	1344	1340	1336	1330	1325	1318	1310	1302	1291	1280	1268	1255	1242	1228	1215	1200	1186
145	1419	1417	1415	1412	1409	1404	1400	1394	1387	1380	1371	1361	1350	1338	1327	1316	1304	1293	1280
150	1476	1475	1473	1471	1468	1464	1460	1455	1449	1443	1435	1426	1417	1407	1397	1388	1378	1368	1358
155	1521	1520	1519	1516	1514	1511	1507	1503	1498	1492	1486	1478	1471	1463	1455	1447	1439	1430	1422
160	1554	1553	1552	1550	1547	1544	1541	1537	1533	1528	1523	1517	1511	1505	1499	1493	1487	1480	1474
165	1575	1573	1572	1570	1567	1565	1563	1560	1557	1554	1550	1546	1541	1536	1532	1527	1522	1517	1513
170	1583	1582	1580	1579	1577	1576	1574	1572	1570	1568	1565	1563	1560	1557	1553	1550	1547	1544	1540
175	1581	1580	1579	1577	1576	1575	1574	1573	1572	1571	1570	1568	1567	1565	1563	1562	1560	1558	1557
180	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 780*62*42					SERIAL No.:				
MFR.:									SUR.:0.72*0.017					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	1345	1346	1347	1348	1348	1348	1348	1348	1348	1349	1349	1350	1350	1349	1347	1345	1343	1342	1342
5	1320	1318	1315	1312	1310	1307	1304	1302	1300	1300	1300	1301	1301	1301	1300	1298	1297	1296	1294
10	1263	1257	1251	1246	1242	1240	1239	1240	1241	1245	1250	1256	1261	1265	1268	1270	1271	1271	1269
15	1182	1174	1168	1163	1161	1163	1168	1173	1179	1186	1192	1199	1205	1210	1214	1217	1219	1220	1218
20	1102	1093	1085	1078	1075	1077	1080	1085	1090	1095	1099	1103	1105	1103	1097	1090	1084	1078	1079
25	1006	998	989	981	978	980	981	980	973	952	926	895	862	825	785	749	719	698	706
30	908	903	895	883	871	856	834	804	764	691	612	530	450	384	335	297	270	255	257
35	806	804	793	772	731	671	601	525	446	366	288	217	153	110	87.3	74.8	70.5	72.6	66.6
40	698	695	679	649	582	483	376	270	172	123	87.6	63.9	49.4	39.9	33.8	31.9	32.9	35.8	32.3
45	566	553	527	488	420	327	230	136	53.7	26.7	14.6	13.5	19.5	22.6	20.7	19.7	19.4	19.7	19.1
50	424	393	352	303	246	186	126	71.0	24.4	9.25	3.46	4.49	9.78	12.7	11.9	11.5	11.3	11.4	11.1
55	287	245	195	143	101	71.8	47.0	27.1	12.1	5.82	3.52	4.12	6.53	7.98	7.92	7.98	8.12	8.26	8.03
60	166	131	91.5	52.2	26.3	15.3	9.15	6.58	6.49	4.97	4.50	4.80	5.59	6.18	6.41	6.66	6.88	7.03	6.86
65	63.6	49.0	32.6	16.3	6.29	3.18	2.17	2.64	4.01	3.91	4.05	4.36	4.79	5.26	5.72	6.15	6.50	6.73	6.52
70	8.82	7.03	5.04	3.07	1.92	1.66	1.70	1.97	2.40	2.74	3.15	3.62	4.12	4.70	5.33	5.89	6.33	6.61	6.34
75	2.79	2.31	1.79	1.30	1.01	0.95	0.99	1.13	1.35	1.71	2.12	2.56	3.00	3.41	3.76	4.06	4.26	4.36	4.20
80	0.77	0.72	0.69	0.69	0.73	0.80	0.90	1.02	1.16	1.33	1.52	1.71	1.92	2.16	2.42	2.65	2.83	2.93	2.79
85	0.48	0.50	0.55	0.62	0.70	0.79	0.89	0.99	1.09	1.16	1.22	1.28	1.33	1.39	1.46	1.52	1.57	1.61	1.63
90	0.34	0.33	0.33	0.34	0.38	0.44	0.52	0.61	0.72	0.86	1.01	1.16	1.31	1.45	1.57	1.67	1.76	1.82	1.85
95	44.1	33.4	22.8	13.2	6.93	4.18	2.83	2.51	2.85	2.55	2.48	2.58	2.79	2.96	3.05	3.12	3.15	3.12	2.85
100	98.8	85.8	72.5	59.6	48.1	38.5	30.0	22.6	16.4	12.2	8.95	6.68	5.16	4.16	3.54	3.30	3.33	3.54	3.13
105	171	157	143	128	111	92.4	74.4	57.8	43.5	36.9	32.8	30.7	29.9	29.0	27.5	26.6	26.1	25.9	26.1
110	264	247	229	211	191	170	149	128	109	93.5	79.6	67.8	58.4	52.3	49.5	48.6	49.0	50.3	49.1
115	386	365	343	321	299	277	254	232	210	188	167	147	129	115	104	97.0	92.6	91.4	93.8
120	540	515	488	462	436	411	386	362	339	315	293	273	255	241	230	222	217	216	218
125	715	688	660	631	604	577	551	526	502	477	454	433	415	401	392	386	383	382	384
130	893	867	841	815	789	764	739	715	692	668	645	625	607	594	587	583	581	582	583
135	1047	1026	1005	983	962	942	922	902	883	862	843	826	811	801	795	792	791	792	793
140	1170	1153	1137	1121	1105	1089	1075	1060	1046	1032	1018	1006	995	988	984	982	981	982	982
145	1267	1254	1240	1227	1215	1203	1192	1182	1172	1161	1152	1144	1137	1132	1130	1128	1128	1129	1129
150	1347	1336	1325	1315	1305	1295	1287	1278	1270	1263	1256	1249	1244	1241	1239	1238	1238	1239	1239
155	1413	1404	1395	1387	1378	1371	1364	1357	1351	1345	1339	1334	1330	1327	1326	1326	1327	1327	1327
160	1467	1459	1452	1445	1439	1433	1427	1422	1418	1413	1408	1405	1401	1400	1399	1399	1399	1400	1400
165	1507	1502	1497	1492	1487	1483	1479	1475	1472	1468	1465	1462	1460	1458	1458	1458	1459	1459	1459
170	1536	1533	1529	1526	1523	1520	1517	1515	1513	1510	1508	1506	1505	1505	1505	1506	1507	1508	1508
175	1555	1553	1551	1549	1548	1546	1545	1544	1544	1542	1541	1540	1540	1540	1541	1542	1543	1544	1544
180	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 780*62*42					SERIAL No.:				
MFR.:									SUR.:0.72*0.017					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	1342	1343	1344	1344	1344	1343	1343	1343	1343	1344	1344	1344	1345	1345	1344	1344	1345	1345	1346
5	1293	1292	1291	1291	1290	1290	1291	1292	1293	1296	1298	1302	1305	1309	1313	1317	1321	1325	1329
10	1266	1263	1260	1256	1253	1251	1248	1245	1241	1237	1234	1233	1236	1243	1251	1259	1268	1273	1277
15	1214	1209	1204	1199	1194	1189	1184	1179	1172	1165	1160	1157	1158	1165	1173	1182	1191	1197	1201
20	1081	1085	1088	1091	1092	1093	1093	1091	1086	1080	1074	1070	1071	1076	1084	1092	1100	1106	1111
25	724	749	782	819	859	898	935	966	975	979	979	978	980	987	995	1003	1010	1020	1027
30	271	299	340	404	487	576	663	743	787	819	843	860	874	887	896	902	906	913	916
35	66.9	75.6	94.6	134	192	260	335	413	496	577	653	719	764	786	798	800	797	798	795
40	30.7	31.9	36.9	44.6	56.5	77.7	111	158	255	361	467	567	633	664	680	684	679	678	671
45	19.0	19.6	21.0	17.7	11.4	12.0	23.1	48.6	127	216	309	399	466	508	537	554	561	558	546
50	11.0	11.2	11.8	9.06	4.29	3.39	8.60	22.2	62.8	111	165	220	275	326	371	407	432	428	412
55	7.81	7.66	7.62	6.34	4.31	3.80	5.71	10.9	22.0	37.7	58.3	84.2	124	176	227	272	306	300	281
60	6.62	6.34	6.07	5.49	4.74	4.40	4.70	5.88	5.08	6.60	11.7	21.4	46.2	84.3	123	157	184	175	157
65	6.18	5.75	5.28	4.77	4.29	3.89	3.64	3.59	2.08	1.41	2.16	4.91	14.3	29.6	45.1	58.9	69.2	63.2	53.4
70	5.90	5.34	4.70	4.08	3.51	2.98	2.50	2.08	1.54	1.18	1.10	1.39	2.82	5.28	7.77	9.99	11.6	10.4	8.52
75	3.93	3.59	3.18	2.74	2.29	1.86	1.46	1.12	0.89	0.76	0.75	0.86	1.30	2.02	2.75	3.41	3.91	3.55	3.03
80	2.57	2.31	2.03	1.78	1.59	1.41	1.24	1.10	0.96	0.84	0.76	0.70	0.72	0.79	0.89	0.99	1.09	1.07	1.04
85	1.62	1.60	1.56	1.49	1.40	1.30	1.19	1.07	0.96	0.84	0.74	0.65	0.59	0.57	0.57	0.57	0.58	0.57	0.57
90	1.86	1.84	1.80	1.75	1.67	1.58	1.47	1.34	1.16	0.98	0.81	0.66	0.57	0.56	0.57	0.58	0.60	0.54	0.48
95	2.53	2.19	1.87	1.52	1.18	1.02	1.12	1.56	1.65	2.47	4.34	7.55	14.1	23.8	34.3	44.9	54.9	61.9	67.4
100	2.92	3.01	3.53	4.44	5.92	8.29	11.8	16.5	24.1	33.0	42.9	53.6	65.1	77.2	89.2	101	112	121	130
105	26.7	27.7	29.2	30.2	30.9	33.1	37.4	44.3	59.6	77.4	96.4	116	133	147	161	173	185	197	209
110	48.8	50.0	53.0	59.5	69.7	82.2	96.9	113	133	154	176	197	217	235	252	268	283	299	314
115	99.3	108	119	134	151	171	192	214	236	259	282	305	327	348	369	390	410	429	449
120	224	233	244	259	277	298	320	343	367	392	417	443	468	493	517	541	565	590	613
125	388	395	404	418	436	456	478	503	529	557	585	613	640	666	691	715	740	765	789
130	586	592	600	612	628	646	666	689	714	740	766	793	819	842	865	888	910	933	955
135	795	800	806	816	828	843	860	878	898	919	940	962	982	1001	1020	1039	1057	1076	1094
140	983	986	990	997	1006	1016	1028	1041	1055	1070	1086	1102	1117	1132	1146	1161	1175	1190	1206
145	1130	1132	1134	1138	1144	1151	1159	1168	1178	1189	1200	1212	1224	1236	1247	1259	1271	1284	1297
150	1239	1240	1242	1245	1249	1254	1260	1266	1274	1283	1293	1302	1312	1321	1331	1341	1351	1361	1372
155	1327	1328	1329	1331	1334	1338	1343	1348	1354	1361	1369	1377	1384	1392	1400	1407	1415	1424	1433
160	1400	1400	1400	1402	1405	1408	1412	1416	1421	1426	1432	1438	1443	1449	1455	1462	1468	1474	1481
165	1459	1459	1459	1460	1462	1464	1467	1470	1474	1478	1482	1486	1491	1495	1500	1504	1509	1513	1518
170	1507	1506	1506	1506	1507	1509	1510	1512	1515	1517	1520	1523	1525	1528	1531	1534	1537	1540	1544
175	1543	1542	1541	1541	1541	1541	1542	1543	1544	1545	1547	1548	1549	1551	1552	1553	1555	1556	1558
180	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-07-10

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:229.60V I:0.2887A P:64.375W PF:0.9712 Freq:49.99Hz Lamp Flux:5527.45x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 780*62*42						SERIAL No.:		
MFR.:									SUR.:0.72*0.017						Shielding Angle:		

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1347	1348	1348	1348	1348	1348	1348	1349	1349	1350	1350	1349	1348	1346	1344				
5	1333	1336	1339	1340	1342	1342	1343	1343	1344	1344	1345	1346	1347	1347	1349				
10	1281	1284	1287	1291	1294	1297	1300	1303	1306	1308	1311	1313	1315	1316	1317				
15	1205	1209	1213	1218	1222	1224	1225	1220	1213	1206	1199	1193	1190	1188	1187				
20	1115	1117	1115	1110	1103	1093	1083	1070	1057	1045	1033	1025	1021	1018	1019				
25	1031	1030	1021	1001	978	951	923	896	869	844	822	805	795	789	787				
30	915	908	889	858	822	782	742	703	667	633	604	583	570	563	562				
35	785	769	739	698	652	603	554	509	467	428	395	370	353	343	339				
40	655	632	594	543	488	430	372	325	281	243	211	186	171	162	161				
45	524	493	448	391	331	270	212	172	138	111	89.1	73.4	63.5	59.5	61.4				
50	385	349	303	249	195	142	93.9	70.1	53.7	43.4	38.0	34.0	30.7	30.2	32.7				
55	252	216	178	138	99.6	64.0	33.6	22.9	18.2	18.0	20.8	22.6	22.5	23.2	24.6				
60	132	104	79.7	60.3	42.7	27.7	15.7	11.8	10.9	12.1	14.7	16.6	17.3	18.3	19.5				
65	41.3	28.6	19.6	15.0	11.8	9.85	8.87	8.65	9.09	10.0	11.3	12.5	13.5	14.6	15.9				
70	6.38	4.27	3.13	3.08	3.40	4.01	4.83	5.59	6.47	7.46	8.52	9.62	10.7	11.9	13.2				
75	2.44	1.88	1.64	1.75	2.01	2.39	2.87	3.48	4.14	4.84	5.54	6.16	6.70	7.19	7.65				
80	1.02	1.02	1.12	1.31	1.52	1.75	1.96	2.10	2.21	2.30	2.37	2.41	2.44	2.44	2.42				
85	0.58	0.61	0.67	0.77	0.89	1.02	1.14	1.27	1.38	1.48	1.56	1.59	1.59	1.56	1.50				
90	0.44	0.41	0.44	0.54	0.66	0.79	0.91	0.98	1.03	1.07	1.09	1.10	1.10	1.07	1.04				
95	71.5	74.0	73.6	70.7	66.8	62.4	58.0	56.0	54.4	53.3	52.6	52.1	51.7	51.7	51.9				
100	137	143	147	148	149	148	146	142	138	133	128	123	120	117	114				
105	220	229	237	242	247	250	252	252	251	250	249	248	248	248	247				
110	329	342	354	364	373	381	387	392	395	398	400	403	405	407	409				
115	467	485	501	515	528	540	551	560	569	576	582	587	592	595	598				
120	636	658	677	694	709	723	736	748	759	769	778	786	792	797	800				
125	813	835	855	873	889	904	918	931	944	955	965	974	980	986	989				
130	977	997	1015	1031	1046	1060	1073	1086	1098	1110	1119	1128	1134	1139	1143				
135	1112	1129	1145	1159	1172	1184	1196	1208	1218	1228	1237	1244	1250	1255	1258				
140	1220	1235	1248	1260	1272	1283	1293	1303	1312	1320	1328	1334	1339	1343	1347				
145	1309	1322	1333	1344	1354	1363	1372	1380	1388	1395	1401	1406	1411	1414	1417				
150	1382	1392	1402	1411	1419	1427	1435	1442	1449	1455	1461	1465	1469	1472	1474				
155	1441	1450	1458	1465	1472	1479	1485	1491	1497	1502	1506	1511	1514	1517	1519				
160	1488	1494	1501	1507	1513	1518	1524	1529	1533	1537	1541	1544	1547	1550	1552				
165	1523	1528	1533	1537	1542	1546	1550	1554	1557	1560	1564	1566	1569	1571	1573				
170	1547	1550	1553	1556	1559	1562	1564	1567	1569	1571	1574	1576	1578	1580	1581				
175	1560	1561	1563	1564	1566	1567	1569	1570	1571	1572	1573	1574	1576	1577	1579				
180	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568	1568				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-07-10

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: