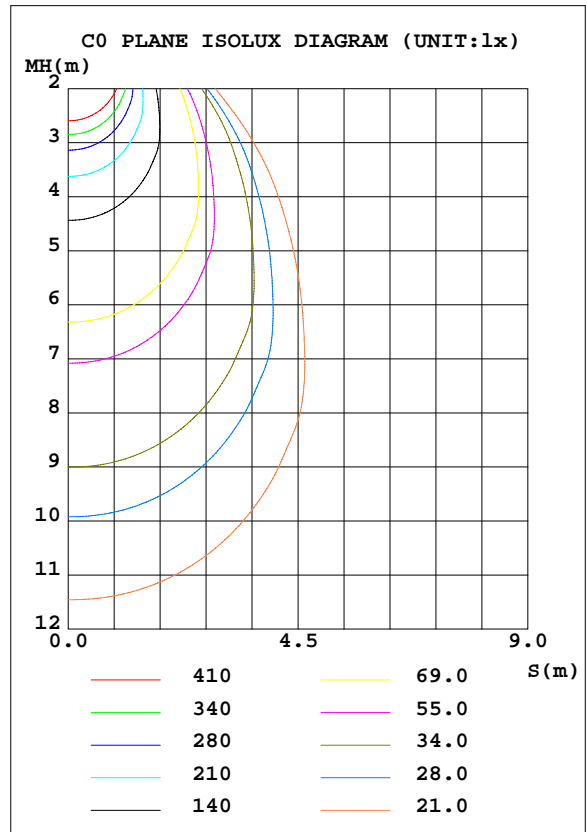
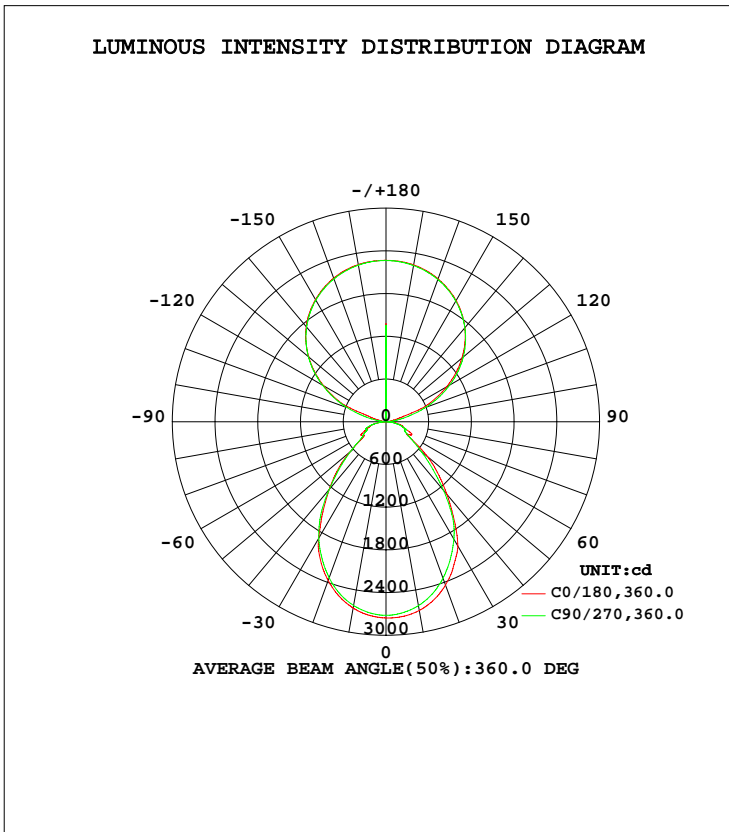


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.39 lm/W			
MODEL		I _{max} (cd)	2757	S/MH(C0/180)	1.07
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.07
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	11120	η UP, DN(C0-180)	28.6, 21.5
NOMINAL FLUX(lm)	11119.6	CIE CLASS	DIFFUSE	η UP, DN(C180-360)	28.6, 21.3
LAMPS INSIDE	1	η up(%)	57.2	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	230.0	η down(%)	42.8	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:

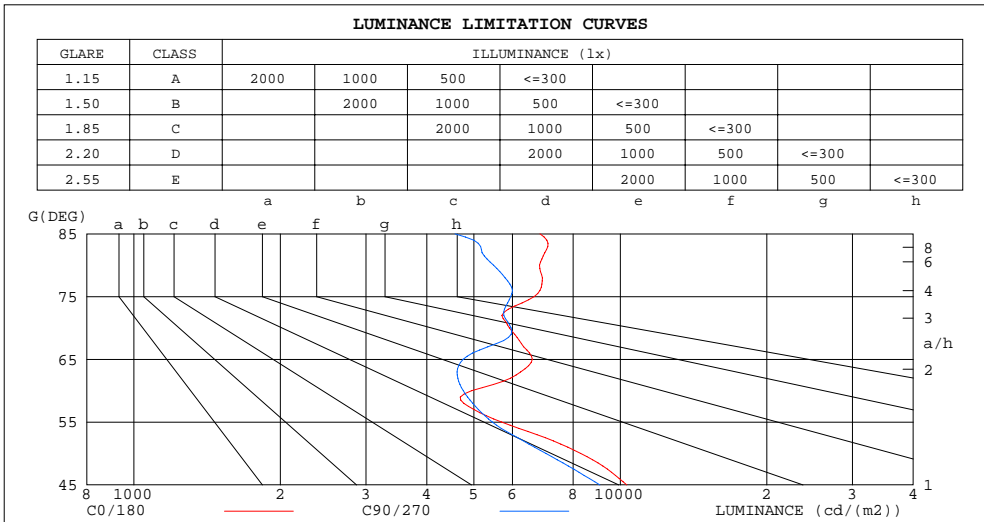
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	#lum,lamp
10	2692	2659	2623	2610	2658	2625	2620	2632	0- 10	255.8	255.8	2.3,2.3
20	2443	2393	2340	2320	2374	2328	2333	2357	10- 20	707.9	963.7	8.67,8.67
30	2018	1930	1907	1855	1893	1859	1890	1888	20- 30	986.3	1950	17.5,17.5
40	1332	1309	1257	1228	1240	1228	1240	1272	30- 40	996.3	2946	26.5,26.5
50	758.3	833.1	643.2	738.7	664.4	772.0	649.0	783.5	40- 50	762.0	3708	33.3,33.3
60	352.0	327.3	338.3	259.8	379.6	287.4	364.6	283.0	50- 60	480.6	4189	37.7,37.7
70	287.9	158.7	290.1	172.0	285.4	191.6	305.3	168.7	60- 70	296.5	4485	40.3,40.3
80	168.5	157.3	135.6	151.5	154.9	157.5	154.4	144.8	70- 80	197.2	4683	42.1,42.1
90	3.084	2.689	2.208	1.838	2.713	3.127	3.436	3.694	80- 90	76.66	4759	42.8,42.8
100	36.86	88.97	176.7	90.18	22.40	83.39	156.6	78.64	90-100	32.90	4792	43.1,43.1
110	484.3	559.2	592.4	572.9	443.8	570.1	578.6	551.0	100-110	297.7	5090	45.8,45.8
120	984.9	1012	1035	1026	1013	1032	1031	1013	110-120	772.2	5862	52.7,52.7
130	1393	1407	1417	1423	1417	1432	1423	1417	120-130	1088	6951	62.5,62.5
140	1724	1721	1723	1735	1744	1746	1735	1735	130-140	1219	8170	73.5,73.5
150	1967	1961	1960	1972	1980	1982	1972	1974	140-150	1164	9334	83.9,83.9
160	2137	2130	2128	2136	2147	2144	2137	2140	150-160	951.0	10285	92.5,92.5
170	2237	2230	2229	2234	2242	2238	2234	2238	160-170	619.8	10905	98.1,98.1
180	2267	2267	2267	2267	2267	2267	2267	2267	170-180	214.8	11120	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:2023-11-06

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:

LUMINANCE LIMITATION CURVES

Test:U:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6835	4573
80	6821	5488
75	6654	5951
70	5915	5960
65	6592	4753
60	4948	4755
55	5702	5456
50	8291	7032
45	10310	9079

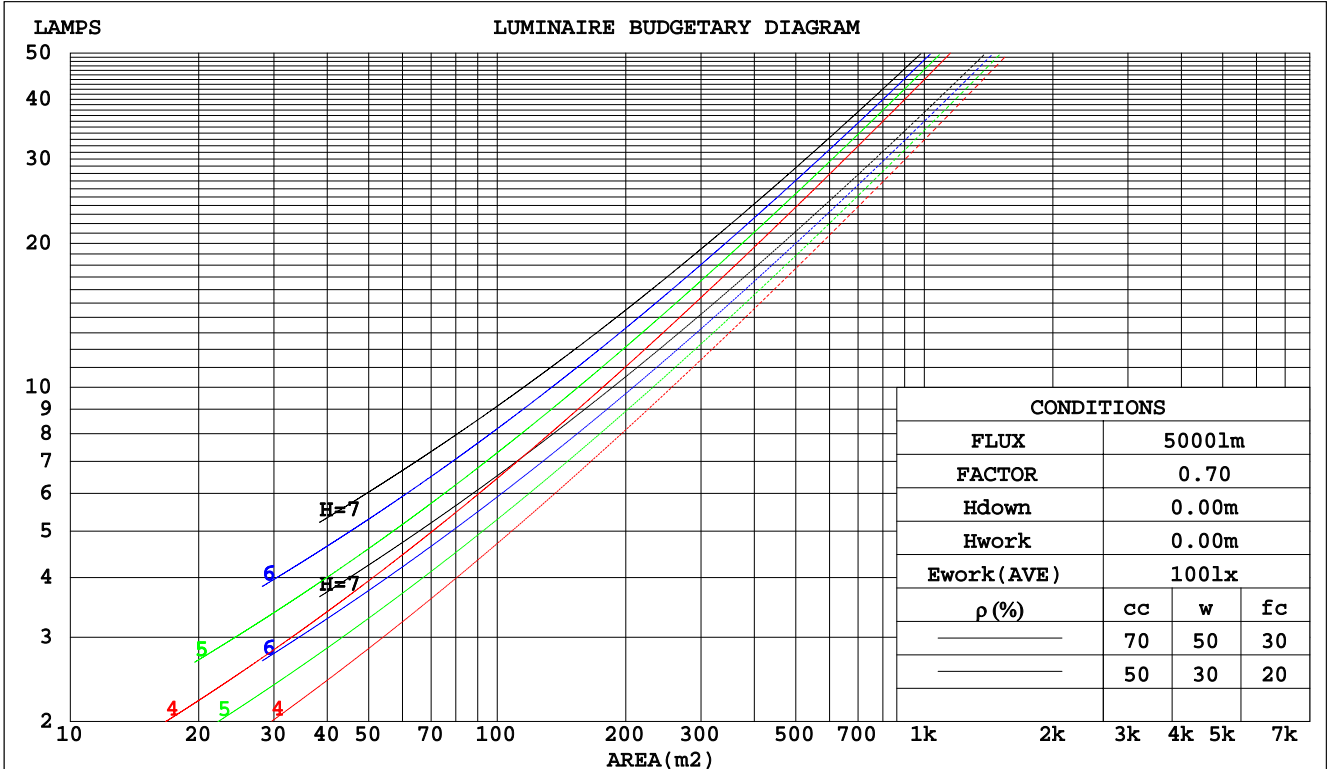
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.05	1.05	1.05	.96	.96	.96	.79	.79	.79	.64	.64	.64	.50	.50	.50	.43
1.0	.93	.89	.86	.85	.82	.79	.70	.68	.66	.57	.56	.54	.45	.44	.43	.37
2.0	.82	.76	.71	.75	.70	.66	.63	.59	.56	.51	.49	.47	.40	.39	.37	.33
3.0	.73	.66	.60	.67	.61	.56	.56	.52	.48	.46	.43	.40	.37	.35	.33	.29
4.0	.65	.58	.52	.60	.53	.49	.50	.46	.42	.41	.38	.35	.33	.31	.29	.25
5.0	.58	.51	.45	.54	.47	.42	.45	.41	.37	.38	.34	.31	.30	.28	.26	.23
6.0	.53	.45	.40	.49	.42	.37	.41	.36	.32	.34	.31	.28	.28	.25	.23	.20
7.0	.48	.40	.35	.44	.38	.33	.38	.33	.29	.32	.28	.25	.26	.23	.21	.18
8.0	.44	.36	.31	.41	.34	.29	.35	.30	.26	.29	.25	.23	.24	.21	.19	.17
9.0	.40	.33	.28	.37	.31	.27	.32	.27	.23	.27	.23	.20	.22	.20	.18	.15
10.0	.37	.30	.25	.34	.28	.24	.30	.25	.21	.25	.21	.19	.21	.18	.16	.14



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.259	.148	.047	.235	.134	.043	.190	.109	.035	.148	.085	.027	.110	.064	.021	
2.0	.241	.132	.041	.219	.121	.037	.178	.099	.031	.140	.078	.025	.104	.059	.019	
3.0	.223	.119	.036	.203	.109	.033	.166	.090	.027	.131	.072	.022	.098	.054	.017	
4.0	.208	.108	.032	.189	.099	.029	.154	.082	.024	.122	.066	.020	.092	.050	.015	
5.0	.193	.099	.029	.176	.091	.026	.144	.075	.022	.115	.060	.018	.087	.046	.014	
6.0	.181	.091	.026	.165	.083	.024	.135	.069	.020	.108	.056	.016	.082	.043	.013	
7.0	.169	.084	.024	.155	.077	.022	.127	.064	.019	.102	.052	.015	.077	.040	.012	
8.0	.159	.078	.022	.146	.072	.020	.120	.060	.017	.096	.049	.014	.073	.038	.011	
9.0	.150	.072	.020	.137	.067	.019	.113	.056	.016	.091	.046	.013	.070	.035	.010	
10.0	.141	.068	.019	.130	.063	.017	.107	.053	.015	.086	.043	.012	.066	.033	.010	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.626	.626	.626	.535	.535	.535	.365	.365	.365	.210	.210	.210	.067	.067	.067	
1.0	.616	.596	.578	.527	.512	.497	.361	.352	.344	.208	.204	.200	.066	.066	.065	
2.0	.608	.574	.547	.521	.495	.472	.357	.342	.330	.206	.199	.193	.066	.064	.063	
3.0	.600	.559	.526	.515	.482	.456	.353	.335	.320	.204	.196	.188	.066	.063	.062	
4.0	.593	.547	.511	.509	.472	.444	.350	.329	.313	.203	.193	.185	.065	.063	.061	
5.0	.587	.537	.501	.504	.465	.436	.347	.325	.308	.201	.191	.183	.065	.062	.060	
6.0	.581	.530	.493	.499	.459	.430	.344	.321	.304	.200	.189	.181	.064	.062	.060	
7.0	.575	.524	.488	.495	.454	.425	.342	.318	.301	.199	.188	.179	.064	.061	.059	
8.0	.570	.519	.484	.490	.450	.422	.339	.316	.299	.197	.186	.178	.064	.061	.059	
9.0	.564	.514	.480	.486	.446	.419	.337	.314	.298	.196	.185	.177	.064	.061	.059	
10.0	.560	.511	.478	.483	.443	.417	.335	.312	.296	.195	.184	.177	.063	.061	.059	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.: 610*310*30			SERIAL No.:				
MFR.:			SUR.:0.556*0.256			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	15.0	15.9	16.0	16.8	18.0	14.7	15.5	15.6	16.5	17.6
3H	16.2	16.9	17.1	17.9	19.1	15.6	16.3	16.5	17.2	18.4
4H	16.7	17.4	17.7	18.4	19.6	16.1	16.8	17.1	17.7	19.0
6H	17.2	17.9	18.2	18.8	20.1	16.5	17.2	17.5	18.1	19.4
8H	17.4	18.0	18.4	19.0	20.3	16.7	17.3	17.7	18.3	19.5
12H	17.6	18.2	18.6	19.2	20.4	16.8	17.3	17.8	18.3	19.6
4H 2H	14.9	15.6	15.9	16.6	17.8	14.6	15.3	15.6	16.3	17.5
3H	16.2	16.8	17.2	17.7	19.0	15.6	16.2	16.6	17.2	18.5
4H	16.8	17.3	17.8	18.3	19.7	16.3	16.8	17.3	17.8	19.2
6H	17.5	18.0	18.5	19.0	20.3	16.9	17.4	18.0	18.4	19.7
8H	17.8	18.3	18.9	19.3	20.6	17.2	17.6	18.2	18.6	20.0
12H	18.1	18.5	19.2	19.5	20.9	17.3	17.7	18.4	18.8	20.1
8H 4H	16.8	17.2	17.8	18.2	19.6	16.3	16.8	17.4	17.8	19.1
6H	17.6	18.0	18.7	19.0	20.4	17.1	17.4	18.1	18.5	19.9
8H	18.1	18.4	19.2	19.5	20.9	17.5	17.7	18.5	18.8	20.2
12H	18.5	18.8	19.6	19.9	21.3	17.8	18.0	18.9	19.1	20.5
12H 4H	16.8	17.1	17.8	18.2	19.5	16.3	16.7	17.4	17.7	19.1
6H	17.7	18.0	18.7	19.0	20.4	17.1	17.4	18.2	18.5	19.9
8H	18.2	18.4	19.3	19.5	20.9	17.6	17.8	18.6	18.9	20.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.6				
1.5H	+ 0.2 / - 0.6					+ 0.2 / - 0.6				
2.0H	+ 0.7 / - 0.7					+ 0.6 / - 0.9				

CIE Pub.117, 11120 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 8.4)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	Shielding Angle:

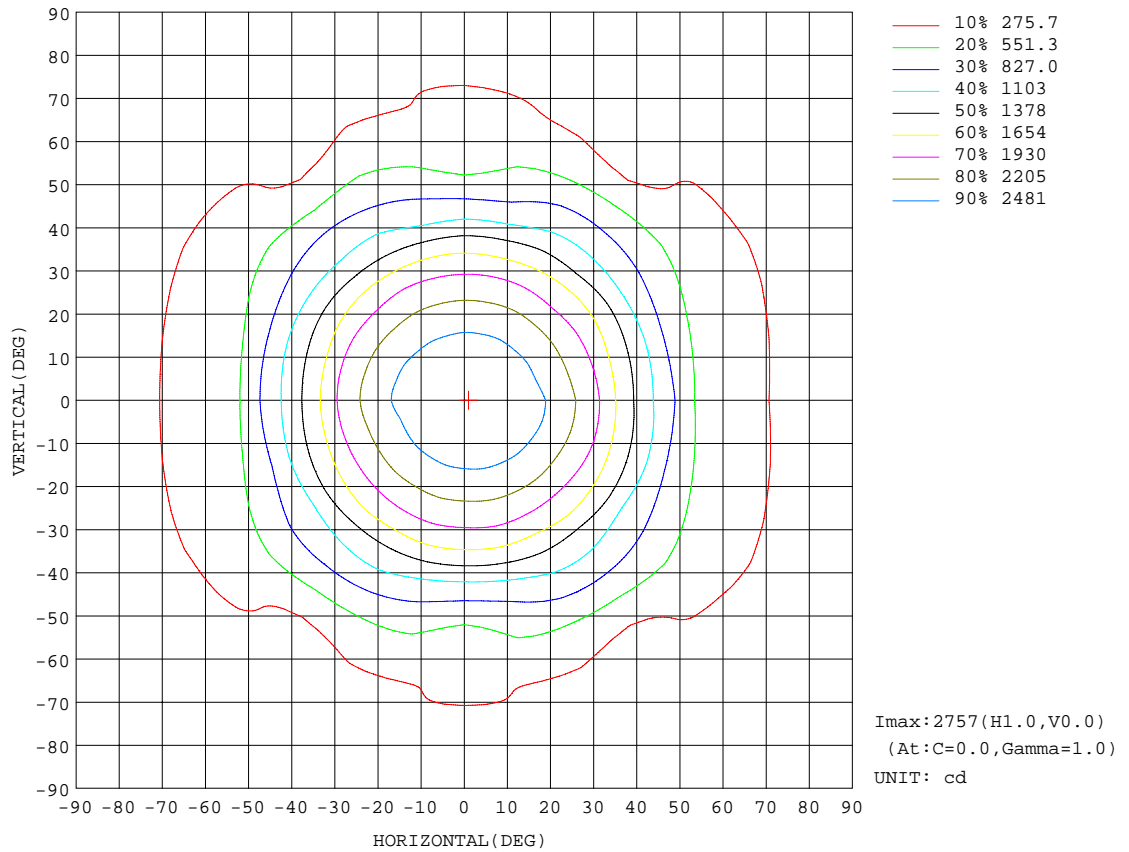
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	46	36	31	44	35	30	39	32	27	20
0.80	56	45	39	52	43	37	45	38	34	24
1.00	63	52	46	58	49	43	51	44	39	27
1.25	69	59	52	64	56	50	55	49	44	30
1.50	74	64	58	69	60	54	58	52	48	31
2.00	81	72	66	74	67	61	63	58	54	34
2.50	85	77	71	78	71	66	65	61	57	35
3.00	88	81	75	81	75	70	68	63	60	36
4.00	92	86	81	84	79	75	70	67	64	38
5.00	94	89	85	87	82	79	72	69	67	39
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:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	Shielding Angle:

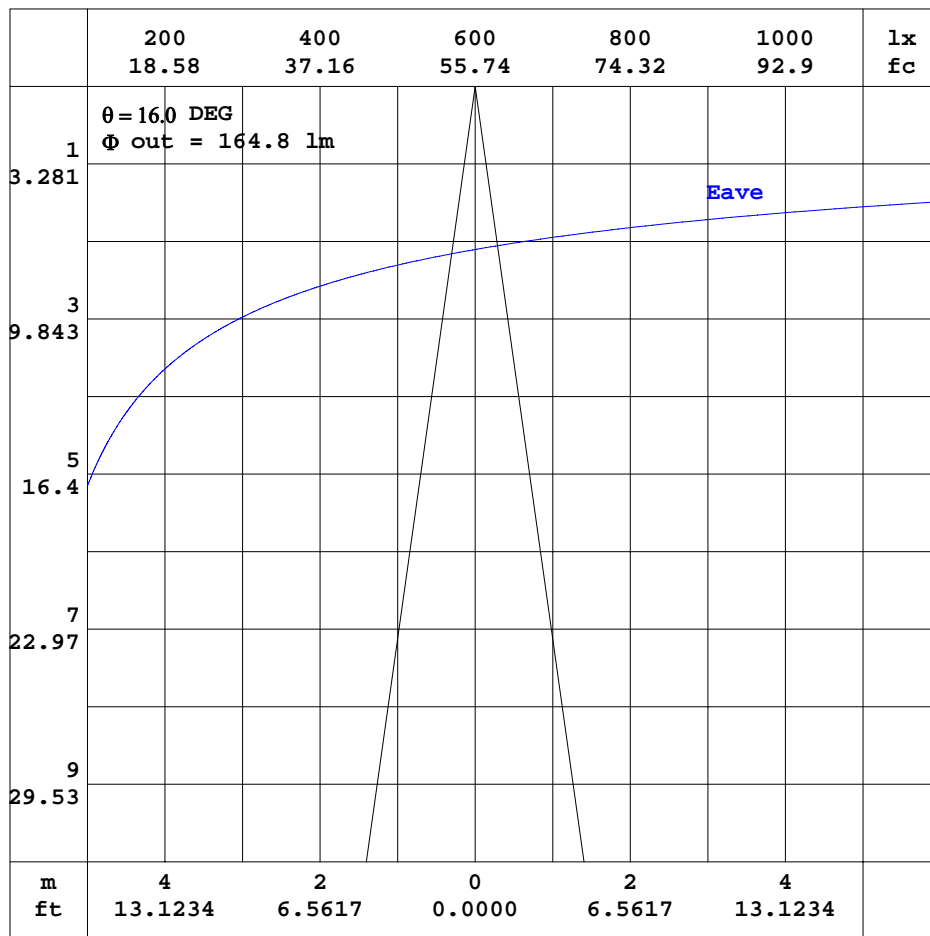


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-11-06

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 CURVES

Test:U:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	Shielding Angle:



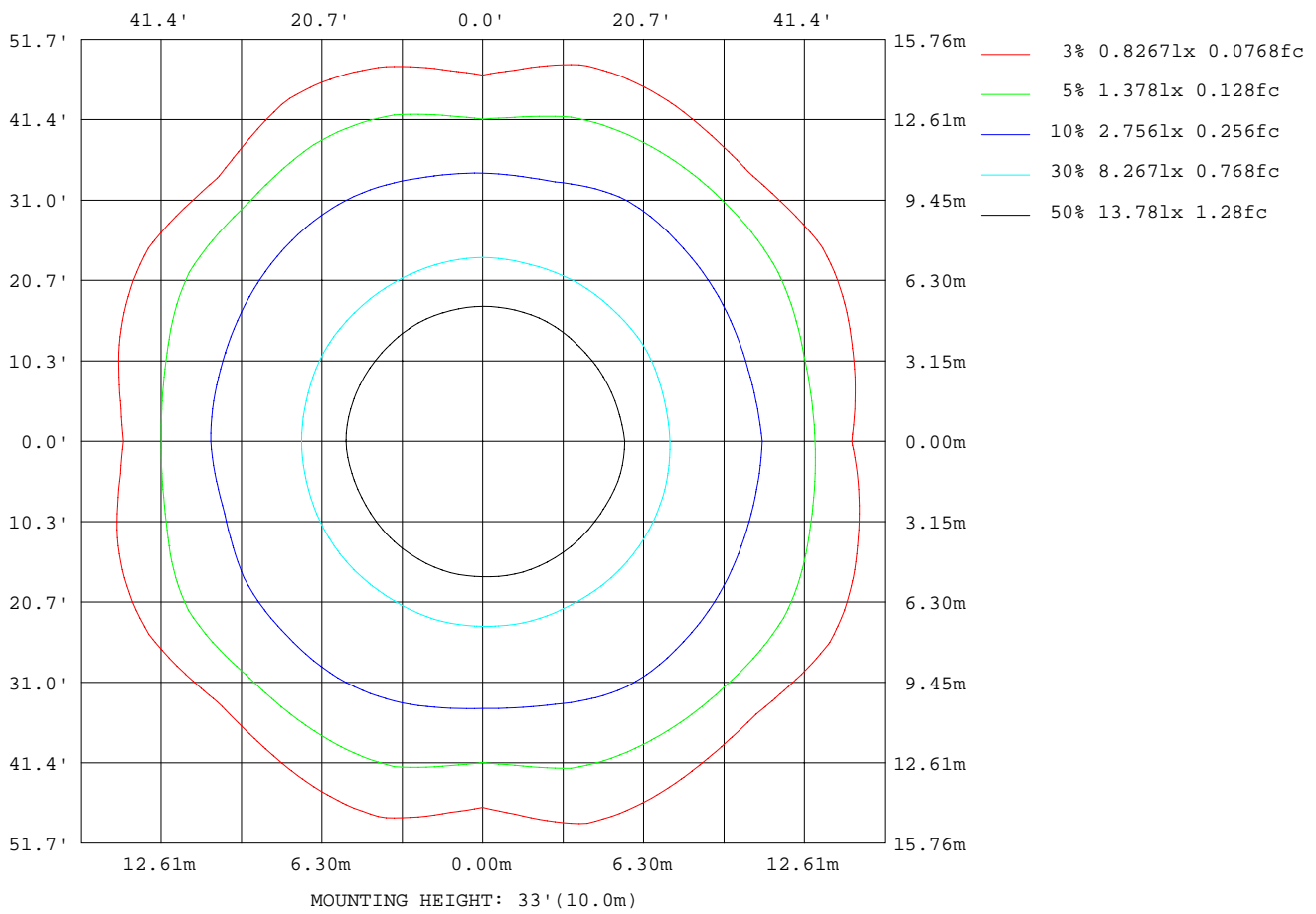
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	Shielding Angle:

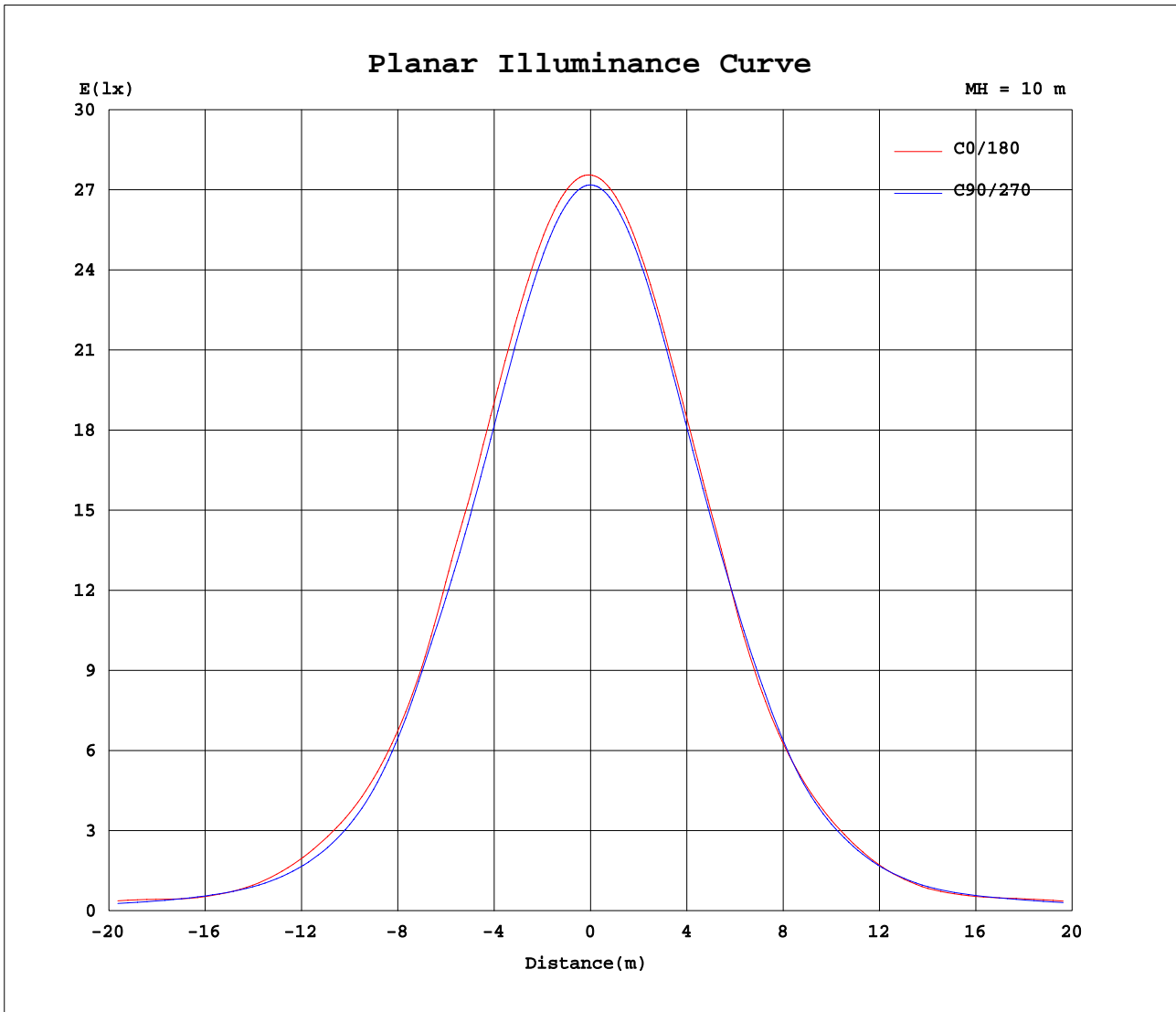
AvgL	cd/m2
L_0~180(65)av	6271
L_0~180(75)av	6368
L_0~180(85)av	5659
L_90~270(65)av	4913
L_90~270(75)av	6276
L_90~270(85)av	5368
L_45(65)av	2772
L_45(75)av	4779
L_45(85)av	5271

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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: 2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	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	2756	2753	2749	2747	2744	2741	2739	2736	2734	2732	2730	2729	2727	2725	2724	2722	2721	2720	2719
5	2744	2742	2739	2735	2732	2729	2725	2722	2720	2717	2714	2710	2707	2705	2702	2700	2698	2695	2692
10	2692	2689	2686	2683	2678	2673	2669	2665	2662	2659	2654	2649	2644	2640	2637	2634	2630	2626	2623
15	2592	2590	2588	2584	2578	2572	2565	2561	2556	2551	2545	2538	2532	2528	2525	2521	2516	2511	2506
20	2443	2442	2440	2435	2427	2418	2409	2403	2398	2393	2387	2380	2373	2368	2364	2360	2353	2346	2340
25	2244	2244	2242	2237	2226	2214	2203	2197	2192	2188	2181	2175	2169	2165	2162	2157	2150	2142	2135
30	2018	2019	2016	2008	1993	1976	1959	1947	1937	1930	1926	1924	1923	1926	1929	1930	1923	1915	1907
35	1663	1671	1677	1681	1681	1679	1677	1677	1676	1673	1660	1646	1635	1638	1644	1649	1644	1637	1629
40	1332	1350	1361	1367	1366	1360	1351	1336	1321	1309	1312	1317	1320	1310	1298	1284	1272	1263	1257
45	1037	1050	1056	1055	1041	1026	1016	1031	1051	1070	1078	1079	1069	1037	999	961	937	921	914
50	758	752	753	759	777	798	817	826	831	833	836	834	825	797	762	726	689	659	643
55	465	501	532	561	590	612	625	612	594	575	576	580	585	590	589	578	529	480	445
60	352	375	395	411	429	440	439	401	359	327	346	377	412	432	442	441	407	368	338
65	396	410	414	407	389	361	326	270	219	183	205	242	282	295	301	301	297	291	286
70	288	306	311	304	275	240	205	182	166	159	169	186	207	225	243	259	274	285	290
75	245	242	234	219	191	162	139	141	150	160	158	156	157	172	188	204	213	218	219
80	169	164	159	152	140	129	123	135	148	157	140	119	102	109	121	134	136	137	136
85	84.8	89.4	91.8	91.9	88.3	83.4	78.4	75.9	74.2	73.3	72.8	72.9	73.8	77.4	80.4	81.3	73.3	64.3	56.7
90	3.08	3.07	3.04	3.01	2.96	2.91	2.85	2.80	2.74	2.69	2.64	2.58	2.53	2.46	2.40	2.35	2.29	2.25	2.21
95	19.0	19.5	19.8	19.9	19.7	19.3	18.9	18.0	17.4	17.6	19.6	22.5	26.1	30.8	35.7	40.4	44.3	47.1	48.4
100	36.9	41.6	46.8	52.7	59.6	66.7	73.6	76.9	81.4	89.0	109	130	149	152	151	150	160	170	177
105	173	171	172	176	179	187	204	246	291	330	338	337	331	329	329	332	344	356	365
110	484	495	505	514	521	528	534	544	553	559	559	557	554	549	546	547	563	580	592
115	756	753	753	754	758	763	769	776	782	788	790	791	791	785	781	780	794	809	820
120	985	982	981	982	985	990	995	1002	1007	1012	1013	1013	1011	1007	1004	1004	1015	1026	1035
125	1198	1195	1193	1194	1198	1203	1208	1213	1216	1219	1220	1219	1218	1215	1213	1213	1220	1228	1235
130	1393	1391	1390	1391	1394	1398	1402	1405	1406	1407	1407	1407	1407	1404	1402	1401	1406	1412	1417
135	1569	1567	1566	1566	1568	1571	1574	1574	1573	1573	1574	1574	1575	1573	1571	1570	1573	1576	1579
140	1724	1721	1719	1719	1721	1722	1724	1723	1722	1721	1721	1722	1722	1721	1719	1718	1719	1721	1723
145	1856	1853	1852	1851	1851	1853	1854	1852	1851	1850	1850	1851	1851	1850	1848	1847	1847	1849	1850
150	1967	1965	1963	1962	1963	1964	1964	1963	1962	1961	1961	1961	1961	1960	1958	1957	1958	1959	1960
155	2060	2058	2056	2055	2056	2056	2057	2056	2055	2054	2054	2054	2054	2053	2052	2051	2051	2052	2052
160	2137	2135	2133	2132	2132	2133	2133	2132	2131	2130	2129	2129	2129	2128	2127	2126	2127	2127	2128
165	2197	2194	2193	2192	2191	2191	2191	2190	2189	2188	2188	2188	2188	2187	2186	2185	2185	2186	2187
170	2237	2235	2234	2233	2233	2233	2233	2232	2231	2230	2230	2230	2230	2229	2228	2228	2228	2228	2229
175	2260	2259	2258	2257	2257	2257	2257	2257	2256	2256	2256	2256	2256	2255	2255	2255	2255	2255	2256
180	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	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	2717	2716	2715	2714	2713	2713	2712	2711	2711	2710	2709	2709	2706	2704	2707	2723	2740	2756	2756
5	2691	2690	2689	2687	2685	2684	2684	2683	2683	2682	2681	2681	2678	2677	2680	2696	2714	2729	2728
10	2621	2619	2618	2615	2612	2610	2610	2610	2610	2609	2608	2608	2606	2606	2610	2626	2643	2658	2656
15	2503	2502	2500	2496	2493	2490	2490	2490	2491	2489	2488	2488	2488	2490	2495	2510	2526	2538	2537
20	2338	2336	2334	2329	2324	2320	2319	2319	2320	2319	2319	2319	2320	2324	2331	2347	2362	2374	2372
25	2134	2133	2131	2126	2119	2114	2113	2112	2112	2110	2108	2108	2110	2116	2124	2139	2155	2166	2164
30	1906	1905	1903	1893	1883	1872	1865	1859	1855	1855	1857	1860	1859	1860	1862	1873	1884	1893	1892
35	1627	1623	1618	1602	1586	1571	1568	1568	1568	1563	1558	1552	1547	1543	1540	1541	1543	1546	1545
40	1258	1261	1264	1264	1262	1258	1249	1239	1228	1219	1213	1212	1223	1236	1248	1247	1243	1240	1246
45	920	934	954	980	1005	1022	1012	996	977	971	965	960	945	931	922	932	947	962	967
50	666	698	731	741	745	745	743	740	739	750	760	761	733	699	667	660	660	664	665
55	474	516	557	557	545	528	508	491	482	506	533	556	547	528	501	465	433	413	431
60	358	386	411	406	390	364	323	285	260	285	324	365	383	394	398	394	387	380	381
65	289	293	294	290	280	262	218	178	153	191	244	302	335	359	374	372	365	358	367
70	283	270	255	241	226	211	196	182	172	166	167	176	205	237	268	280	285	285	287
75	218	213	204	181	159	142	154	170	183	167	148	134	144	162	183	201	215	224	219
80	137	138	137	127	118	112	124	139	151	148	142	135	134	136	140	145	151	155	154
85	58.8	63.1	68.0	69.4	69.7	68.7	64.6	60.7	58.0	61.4	66.1	71.0	73.8	75.0	74.2	67.5	60.5	55.6	60.9
90	2.19	2.18	2.16	2.11	2.06	2.00	1.94	1.89	1.84	1.81	1.79	1.79	1.74	1.74	1.80	2.10	2.42	2.71	2.77
95	46.9	43.7	39.1	32.3	25.4	19.2	16.7	15.6	15.5	15.6	16.1	16.7	17.1	17.4	17.6	17.8	17.8	17.8	17.4
100	170	161	151	150	150	146	129	110	90.2	79.2	70.1	61.4	48.3	35.9	25.6	22.3	21.6	22.4	21.5
105	357	346	335	336	339	342	345	342	329	284	234	189	179	178	183	182	181	181	182
110	582	567	553	554	558	565	570	573	573	566	556	542	524	505	486	467	453	444	446
115	811	799	787	790	795	801	803	804	803	800	795	790	785	781	778	779	782	784	785
120	1029	1020	1012	1014	1019	1024	1026	1027	1026	1024	1021	1017	1013	1009	1006	1008	1010	1013	1013
125	1231	1225	1220	1223	1227	1232	1234	1235	1234	1233	1231	1229	1225	1221	1219	1220	1222	1224	1225
130	1415	1412	1409	1412	1415	1419	1421	1422	1423	1423	1423	1422	1418	1415	1413	1413	1415	1417	1418
135	1578	1577	1576	1579	1582	1586	1587	1588	1589	1590	1592	1592	1590	1587	1585	1587	1589	1591	1592
140	1723	1723	1723	1726	1730	1733	1734	1734	1735	1737	1740	1741	1740	1739	1737	1739	1741	1744	1744
145	1850	1851	1851	1854	1857	1860	1861	1862	1863	1865	1867	1868	1868	1867	1867	1868	1870	1872	1872
150	1960	1961	1961	1964	1967	1969	1970	1971	1972	1974	1976	1977	1977	1977	1976	1977	1979	1980	1981
155	2053	2053	2054	2056	2058	2060	2061	2062	2063	2065	2067	2069	2069	2069	2069	2070	2071	2073	2073
160	2128	2128	2128	2130	2132	2134	2135	2136	2136	2138	2140	2142	2143	2143	2143	2145	2146	2147	2147
165	2187	2187	2187	2188	2190	2191	2192	2193	2193	2195	2197	2198	2199	2200	2200	2202	2203	2204	2204
170	2229	2228	2229	2230	2231	2232	2232	2233	2234	2235	2237	2238	2238	2239	2239	2240	2241	2242	2241
175	2255	2255	2255	2256	2256	2257	2257	2258	2258	2259	2259	2260	2260	2260	2261	2261	2262	2262	2261
180	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	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	2752	2747	2744	2741	2739	2736	2734	2732	2730	2729	2727	2725	2724	2722	2721	2720	2719	2717	2716
5	2723	2717	2714	2712	2709	2706	2703	2701	2699	2698	2697	2695	2693	2692	2692	2692	2693	2692	2691
10	2651	2644	2641	2639	2636	2632	2628	2625	2623	2621	2620	2618	2617	2616	2617	2619	2620	2621	2621
15	2530	2523	2520	2517	2514	2509	2503	2499	2497	2497	2497	2496	2494	2494	2496	2499	2502	2503	2503
20	2365	2356	2352	2349	2345	2339	2333	2328	2327	2328	2329	2328	2326	2325	2327	2330	2333	2334	2336
25	2156	2148	2144	2140	2136	2130	2124	2120	2120	2122	2123	2122	2121	2120	2121	2123	2126	2127	2128
30	1890	1886	1888	1889	1889	1878	1867	1859	1864	1872	1881	1882	1882	1881	1884	1887	1890	1892	1895
35	1544	1544	1551	1558	1565	1564	1562	1559	1558	1558	1559	1565	1571	1579	1587	1594	1598	1592	1586
40	1254	1261	1261	1258	1253	1244	1235	1228	1233	1238	1242	1230	1218	1208	1217	1229	1240	1235	1230
45	970	970	965	959	956	962	970	980	993	1001	1002	977	947	919	914	915	919	912	909
50	669	679	702	728	752	763	769	772	772	770	765	760	751	737	704	672	649	658	680
55	460	494	522	543	555	533	509	491	517	551	581	584	574	554	513	473	446	473	513
60	384	387	391	389	381	344	309	287	324	372	418	424	418	405	389	374	365	380	400
65	375	379	369	349	320	264	212	176	209	256	304	312	310	304	304	304	305	312	317
70	285	275	244	212	184	179	182	192	202	214	228	241	254	268	284	297	305	302	292
75	209	195	176	159	148	160	177	191	183	172	166	185	208	230	240	244	243	234	221
80	150	146	141	137	135	143	152	157	145	131	122	136	155	172	169	162	154	155	156
85	68.2	74.9	74.8	72.7	69.3	64.9	61.2	59.2	63.4	69.1	74.9	77.4	78.7	79.2	78.0	76.8	76.4	80.3	84.4
90	2.77	2.75	2.79	2.84	2.90	2.98	3.06	3.13	3.15	3.16	3.18	3.24	3.31	3.38	3.40	3.42	3.44	3.48	3.53
95	16.9	16.4	16.1	15.9	15.6	15.2	14.8	14.3	13.2	12.7	13.2	16.8	21.3	26.1	30.9	34.7	36.8	34.2	30.0
100	21.8	24.0	30.3	38.7	48.7	60.0	71.7	83.4	93.6	103	112	121	129	136	146	153	157	151	141
105	182	183	176	175	184	225	272	315	325	325	320	318	316	316	326	337	344	335	323
110	456	471	497	525	550	563	569	570	563	553	544	540	540	544	557	570	579	567	551
115	785	784	784	784	786	793	800	805	798	790	781	778	778	781	793	804	811	801	787
120	1013	1013	1013	1013	1015	1021	1028	1032	1026	1019	1011	1009	1009	1011	1018	1026	1031	1023	1013
125	1225	1225	1225	1226	1227	1233	1238	1242	1237	1231	1225	1224	1224	1226	1230	1234	1237	1232	1225
130	1418	1419	1419	1419	1421	1425	1429	1432	1428	1424	1419	1418	1419	1420	1421	1423	1423	1420	1417
135	1592	1593	1592	1592	1593	1595	1598	1600	1597	1593	1590	1590	1590	1591	1590	1590	1589	1588	1586
140	1743	1743	1742	1742	1742	1744	1745	1746	1744	1741	1739	1739	1739	1739	1738	1736	1735	1735	1735
145	1872	1872	1871	1871	1870	1872	1873	1874	1872	1870	1868	1867	1868	1868	1866	1864	1863	1863	1864
150	1981	1980	1980	1979	1979	1980	1982	1982	1981	1979	1977	1977	1977	1976	1975	1973	1972	1972	1973
155	2072	2072	2071	2071	2071	2071	2072	2072	2071	2069	2068	2068	2068	2067	2066	2064	2063	2063	2064
160	2147	2146	2145	2145	2144	2144	2144	2144	2143	2142	2141	2140	2140	2140	2139	2138	2137	2137	2138
165	2203	2202	2201	2201	2200	2200	2200	2200	2199	2197	2196	2196	2196	2196	2195	2194	2193	2194	2195
170	2241	2240	2239	2239	2239	2239	2238	2238	2237	2236	2236	2236	2236	2236	2235	2235	2234	2235	2235
175	2260	2259	2259	2259	2259	2259	2260	2260	2259	2259	2258	2258	2259	2259	2259	2258	2258	2259	2259
180	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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:229.80V I:0.3548A P:79.771W PF:0.9783 Freq:49.99Hz Lamp Flux:11119.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.:	SUR.:0.556*0.256	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	2715	2714	2713	2713	2712	2711	2711	2710	2709	2709	2706	2704	2707	2717	2734				
5	2691	2692	2693	2694	2694	2694	2694	2694	2695	2696	2693	2692	2695	2706	2722				
10	2621	2624	2626	2629	2630	2630	2632	2635	2638	2640	2639	2639	2642	2653	2670				
15	2504	2508	2512	2516	2518	2519	2521	2525	2530	2535	2535	2537	2541	2553	2570				
20	2338	2343	2348	2353	2354	2355	2357	2363	2371	2378	2381	2385	2391	2404	2421				
25	2130	2136	2141	2145	2146	2146	2147	2153	2161	2169	2175	2181	2190	2204	2222				
30	1896	1897	1896	1895	1891	1888	1888	1900	1914	1929	1938	1948	1959	1976	1995				
35	1581	1587	1597	1607	1614	1621	1627	1638	1648	1655	1650	1644	1639	1642	1650				
40	1228	1244	1263	1280	1278	1274	1272	1288	1308	1326	1334	1337	1337	1337	1336				
45	915	952	994	1031	1034	1026	1013	1001	991	985	992	1003	1015	1024	1031				
50	708	737	765	787	792	790	783	781	776	767	748	730	717	720	734				
55	553	562	563	557	546	535	529	543	558	570	561	545	524	506	486				
60	416	413	401	381	341	305	283	317	362	404	407	398	384	375	364				
65	317	306	288	263	216	176	154	199	261	324	350	366	376	386	393				
70	277	253	227	203	186	174	169	172	182	198	229	261	288	298	298				
75	207	193	181	172	171	172	170	152	134	124	143	170	199	218	233				
80	155	143	129	119	127	137	145	136	126	118	125	135	147	155	162				
85	87.5	85.6	82.3	78.4	75.2	72.6	71.0	71.5	73.2	75.9	79.9	84.0	87.2	87.9	87.1				
90	3.57	3.58	3.57	3.57	3.61	3.66	3.69	3.69	3.68	3.67	3.71	3.74	3.72	3.58	3.37				
95	25.2	21.3	18.0	15.5	15.2	15.6	16.5	16.9	17.4	17.9	18.2	18.5	18.7	18.9	19.0				
100	131	126	121	115	103	90.2	78.6	73.2	69.3	65.8	59.3	52.6	46.4	42.2	39.0				
105	311	309	310	312	320	322	315	273	226	183	172	171	175	174	173				
110	535	531	531	534	540	547	551	547	540	531	520	509	499	493	488				
115	774	770	769	771	776	782	786	780	773	766	764	763	763	761	759				
120	1003	1000	999	1000	1005	1010	1013	1008	1001	993	991	990	990	988	987				
125	1219	1215	1214	1214	1218	1222	1225	1220	1214	1207	1206	1205	1204	1203	1200				
130	1413	1410	1409	1408	1411	1414	1417	1413	1409	1404	1403	1402	1401	1399	1396				
135	1585	1583	1581	1580	1582	1585	1587	1584	1581	1578	1577	1577	1577	1575	1572				
140	1735	1733	1732	1731	1732	1733	1735	1733	1731	1729	1729	1729	1729	1728	1726				
145	1865	1864	1862	1861	1862	1864	1864	1863	1861	1859	1860	1860	1860	1860	1858				
150	1974	1974	1973	1972	1973	1974	1974	1973	1971	1970	1970	1971	1971	1970	1969				
155	2065	2065	2064	2064	2065	2066	2066	2066	2064	2063	2063	2064	2064	2063	2062				
160	2139	2138	2138	2138	2139	2139	2140	2140	2139	2139	2139	2140	2140	2139	2138				
165	2195	2195	2195	2195	2196	2197	2197	2197	2197	2197	2198	2198	2198	2198	2198				
170	2235	2235	2235	2235	2236	2237	2238	2238	2238	2238	2238	2239	2239	2239	2238				
175	2259	2259	2259	2259	2259	2260	2260	2260	2260	2260	2261	2261	2261	2261	2261				
180	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267	2267				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-06

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: