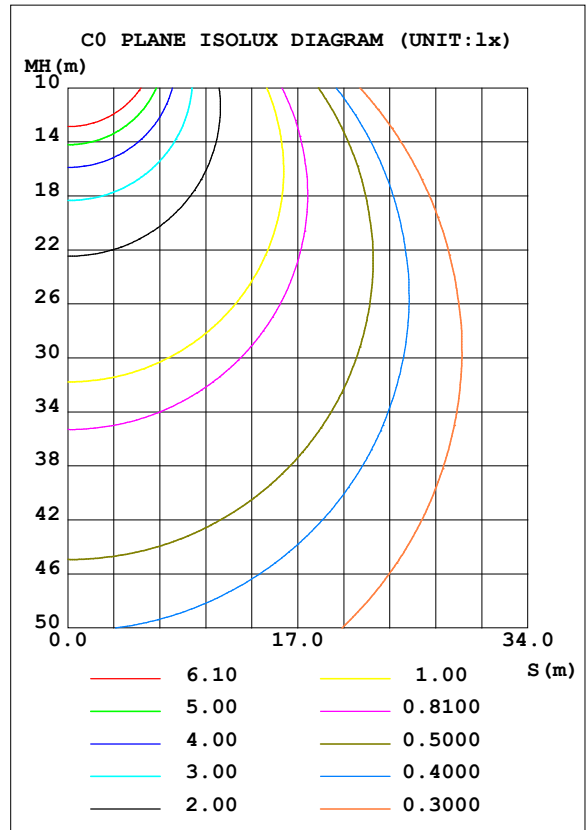
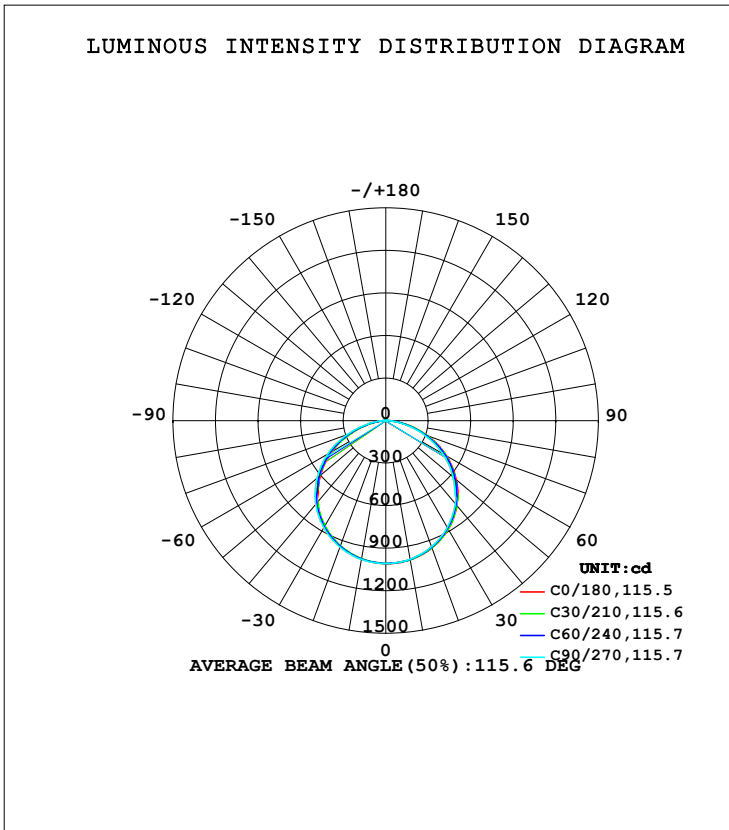


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.00 lm/W			
MODEL		I _{max} (cd)	1010	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	2997.0	η UP, DN (C0-180)	0.5, 49.5
NOMINAL FLUX (lm)	2996.99	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 49.4
LAMPS INSIDE	1	η up (%)	1.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	12	η down (%)	98.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 11.227m [K=1.1463]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	997.1	994.3	992.3	989.5	989.8	989.5	993.8	997.3	0- 10	95.49	95.49	3.19,3.19
20	954.5	950.9	945.6	939.8	939.6	940.8	948.7	954.8	10- 20	274.9	370.4	12.4,12.4
30	882.6	877.7	869.3	859.8	859.6	862.3	873.6	883.0	20- 30	420.7	791.1	26.4,26.4
40	781.4	775.3	763.3	750.3	750.2	754.0	768.7	781.6	30- 40	514.0	1305	43.5,43.5
50	649.8	639.4	619.1	607.0	602.6	612.1	635.0	646.7	40- 50	538.5	1844	61.5,61.5
60	493.6	483.5	459.6	443.4	439.9	449.9	474.9	490.2	50- 60	490.8	2334	77.9,77.9
70	311.8	303.6	281.2	259.1	258.9	266.8	289.4	310.2	60- 70	373.2	2708	90.3,90.3
80	133.5	126.7	107.6	88.30	85.85	95.34	114.8	132.7	70- 80	206.2	2914	97.2,97.2
90	8.208	7.610	1.590	3.378	2.066	2.693	2.463	10.68	80- 90	51.42	2965	98.9,98.9
100	2.196	2.184	2.399	2.434	2.696	2.814	2.836	2.588	90-100	2.795	2968	99,99
110	3.109	3.259	3.587	3.520	3.919	4.013	4.071	3.699	100-110	3.226	2971	99.1,99.1
120	4.296	4.393	4.809	4.683	5.189	5.301	5.318	4.927	110-120	4.208	2975	99.3,99.3
130	5.460	5.539	5.973	5.788	6.282	6.305	6.410	6.014	120-130	4.847	2980	99.4,99.4
140	6.481	6.595	6.946	6.815	7.255	7.225	7.325	6.993	130-140	4.996	2985	99.6,99.6
150	7.420	7.527	7.789	7.729	7.979	7.967	8.014	7.783	140-150	4.616	2990	99.8,99.8
160	8.262	8.293	8.537	8.507	8.668	8.620	8.714	8.483	150-160	3.756	2994	99.9,99.9
170	9.141	9.059	9.273	9.160	9.297	9.201	9.296	9.107	160-170	2.495	2996	100,100
180	9.724	9.563	9.676	9.575	9.771	9.546	9.676	9.593	170-180	0.8932	2997	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1576.2 lm

%lum = 52.6%

%lamp = 52.6%

Conical surface Flux(120deg): 2334.4 lm

%lum = 77.9%

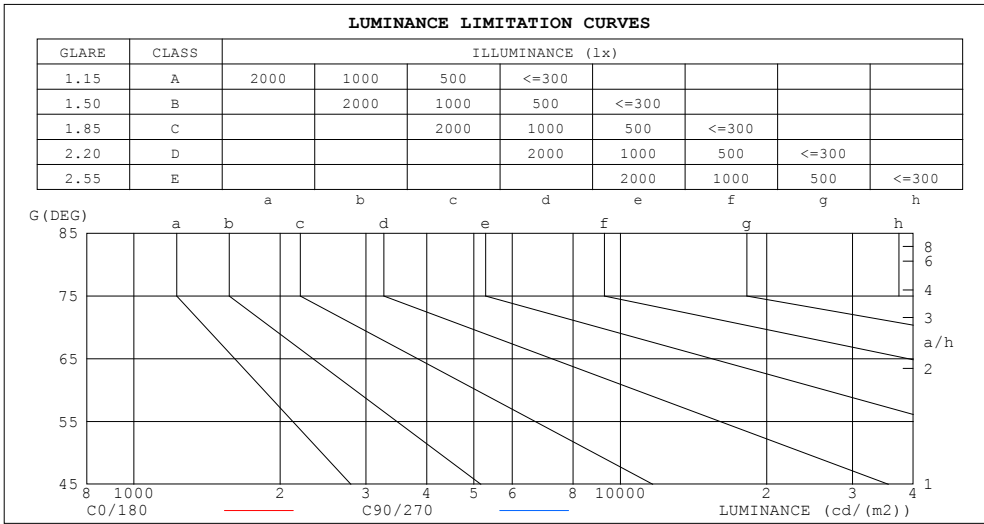
%lamp = 77.9%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	65814	44592
80	76904	61965
75	85259	73787
70	91163	82213
65	96384	88000
60	98722	91923
55	100123	94584
50	101090	96313
45	101772	97468

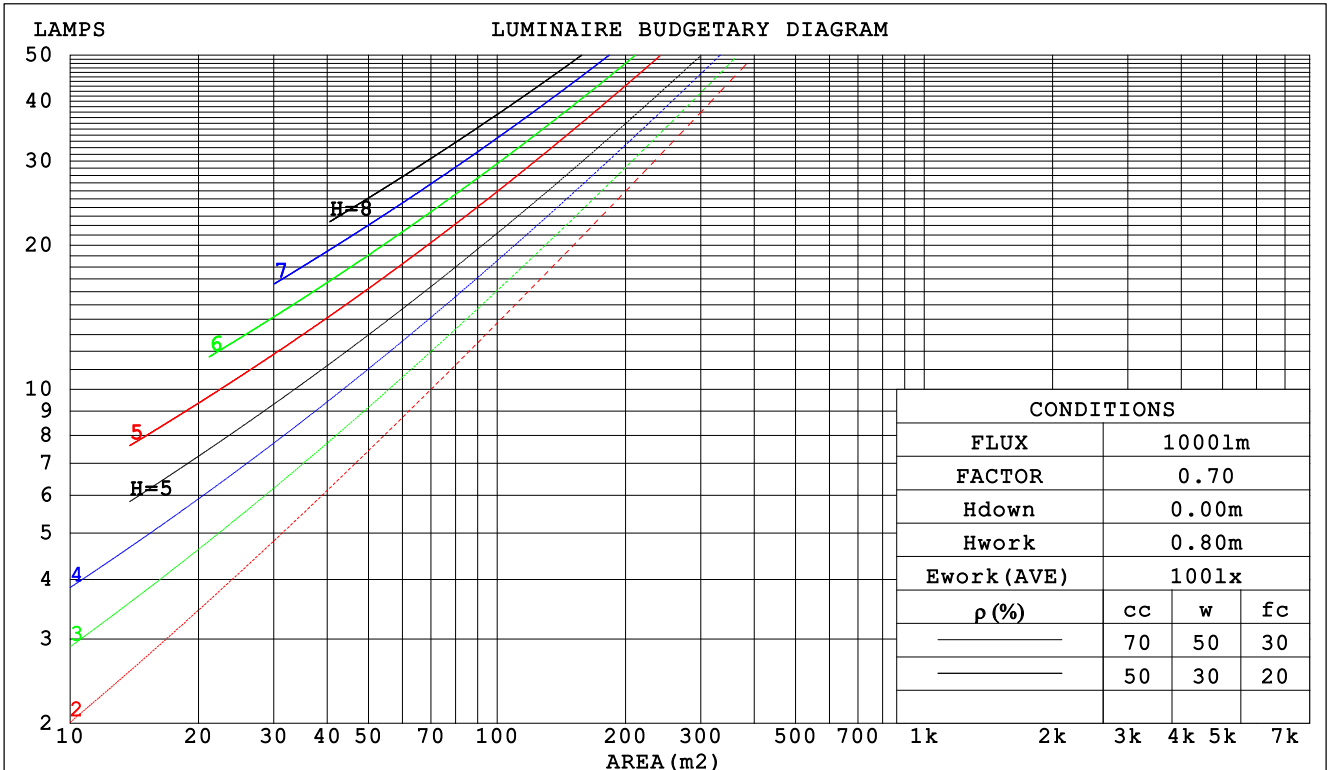
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	1.19	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	1.04	.99	.96	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.84	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.36	.30	.25	.36	.30	.25	.23



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

WEC AND CCEC

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	.309	.176	.056	.301	.172	.055	.288	.165	.053	.275	.159	.051	.263	.153	.049	
2.0	.292	.160	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.251	.142	.045	
3.0	.270	.144	.043	.264	.142	.043	.254	.137	.042	.244	.133	.041	.234	.130	.040	
4.0	.250	.130	.038	.244	.128	.038	.235	.125	.037	.226	.121	.037	.217	.118	.036	
5.0	.231	.118	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.202	.108	.032	
6.0	.214	.107	.031	.210	.106	.031	.202	.104	.030	.195	.101	.030	.188	.099	.029	
7.0	.199	.099	.028	.196	.097	.028	.189	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.165	.085	.025	
9.0	.174	.084	.024	.171	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.077	.022	.151	.075	.021	.147	.074	.021	

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.188	.164	.143	.161	.141	.123	.110	.097	.085	.063	.056	.049	.020	.018	.016	
2.0	.180	.140	.106	.155	.121	.092	.106	.083	.064	.061	.049	.038	.020	.016	.012	
3.0	.173	.123	.083	.148	.106	.072	.102	.073	.050	.059	.043	.030	.019	.014	.010	
4.0	.165	.109	.067	.142	.094	.058	.098	.066	.041	.056	.039	.024	.018	.013	.008	
5.0	.158	.099	.055	.136	.086	.048	.093	.060	.034	.054	.035	.020	.017	.011	.007	
6.0	.151	.091	.047	.130	.078	.041	.089	.055	.029	.052	.032	.017	.017	.011	.006	
7.0	.144	.084	.042	.124	.073	.036	.086	.051	.026	.050	.030	.015	.016	.010	.005	
8.0	.137	.078	.037	.118	.068	.032	.082	.047	.023	.048	.028	.014	.015	.009	.005	
9.0	.131	.073	.034	.113	.063	.029	.078	.045	.021	.046	.026	.012	.015	.009	.004	
10.0	.126	.069	.031	.108	.060	.027	.075	.042	.019	.044	.025	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm										
NAME: 7158 2835 240LED/M 4000K IRC90 12V					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	25.2	26.7	25.5	26.9	27.2	25.0	26.5	25.3	26.7	26.9
3H	26.8	28.2	27.1	28.4	28.7	26.5	27.9	26.8	28.1	28.4
4H	27.4	28.8	27.8	29.0	29.3	27.0	28.3	27.3	28.6	28.9
6H	27.9	29.1	28.2	29.4	29.7	27.4	28.6	27.7	28.9	29.2
8H	28.0	29.2	28.4	29.5	29.9	27.5	28.7	27.8	29.0	29.3
12H	28.1	29.3	28.5	29.6	29.9	27.5	28.7	27.9	29.0	29.3
4H 2H	25.8	27.1	26.1	27.4	27.7	25.6	27.0	26.0	27.2	27.5
3H	27.6	28.8	28.0	29.1	29.4	27.3	28.5	27.7	28.8	29.1
4H	28.4	29.4	28.8	29.8	30.1	28.0	29.0	28.4	29.4	29.7
6H	28.9	29.9	29.4	30.3	30.6	28.5	29.4	28.9	29.8	30.2
8H	29.1	30.0	29.6	30.4	30.8	28.6	29.5	29.0	29.9	30.3
12H	29.3	30.1	29.7	30.5	30.9	28.7	29.5	29.1	29.9	30.3
8H 4H	28.6	29.5	29.0	29.9	30.3	28.3	29.1	28.7	29.5	29.9
6H	29.3	30.1	29.8	30.5	31.0	28.9	29.6	29.4	30.0	30.5
8H	29.6	30.3	30.1	30.7	31.2	29.1	29.8	29.6	30.2	30.7
12H	29.8	30.4	30.3	30.9	31.4	29.2	29.8	29.7	30.3	30.8
12H 4H	28.6	29.4	29.1	29.8	30.3	28.3	29.1	28.7	29.5	29.9
6H	29.4	30.0	29.9	30.5	31.0	29.0	29.6	29.4	30.1	30.5
8H	29.7	30.3	30.2	30.7	31.2	29.2	29.8	29.7	30.2	30.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 2997 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.8)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

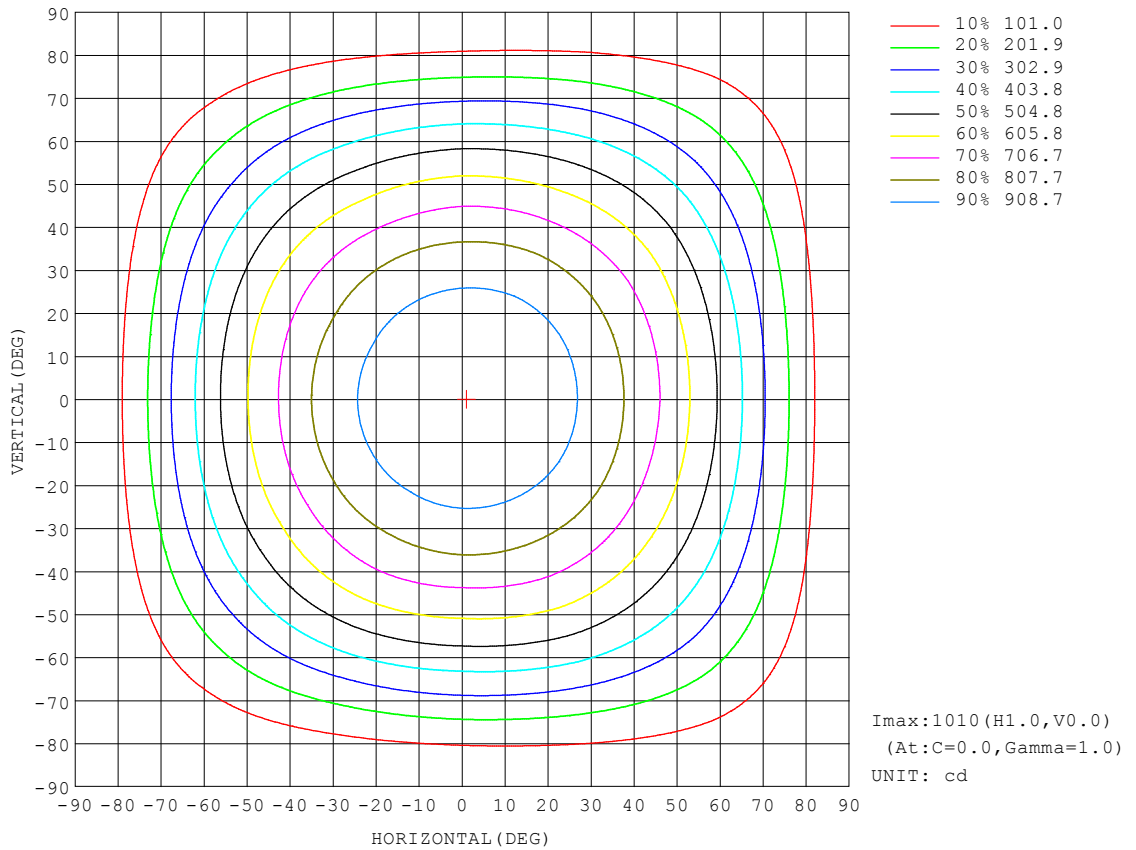
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	85	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	96	103	98	94	99	95	91	82
5.00	108	104	99	106	101	98	101	98	95	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:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

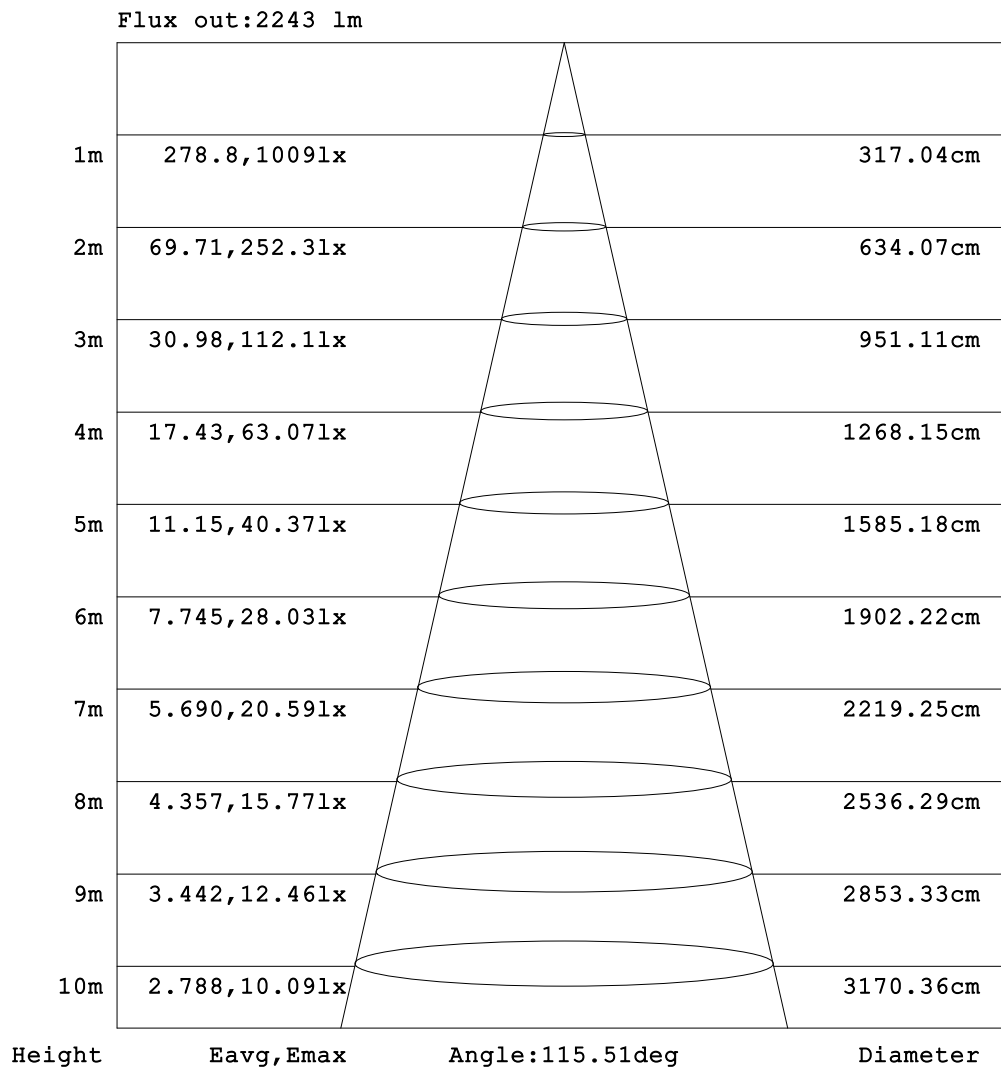


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

AAI Figure

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



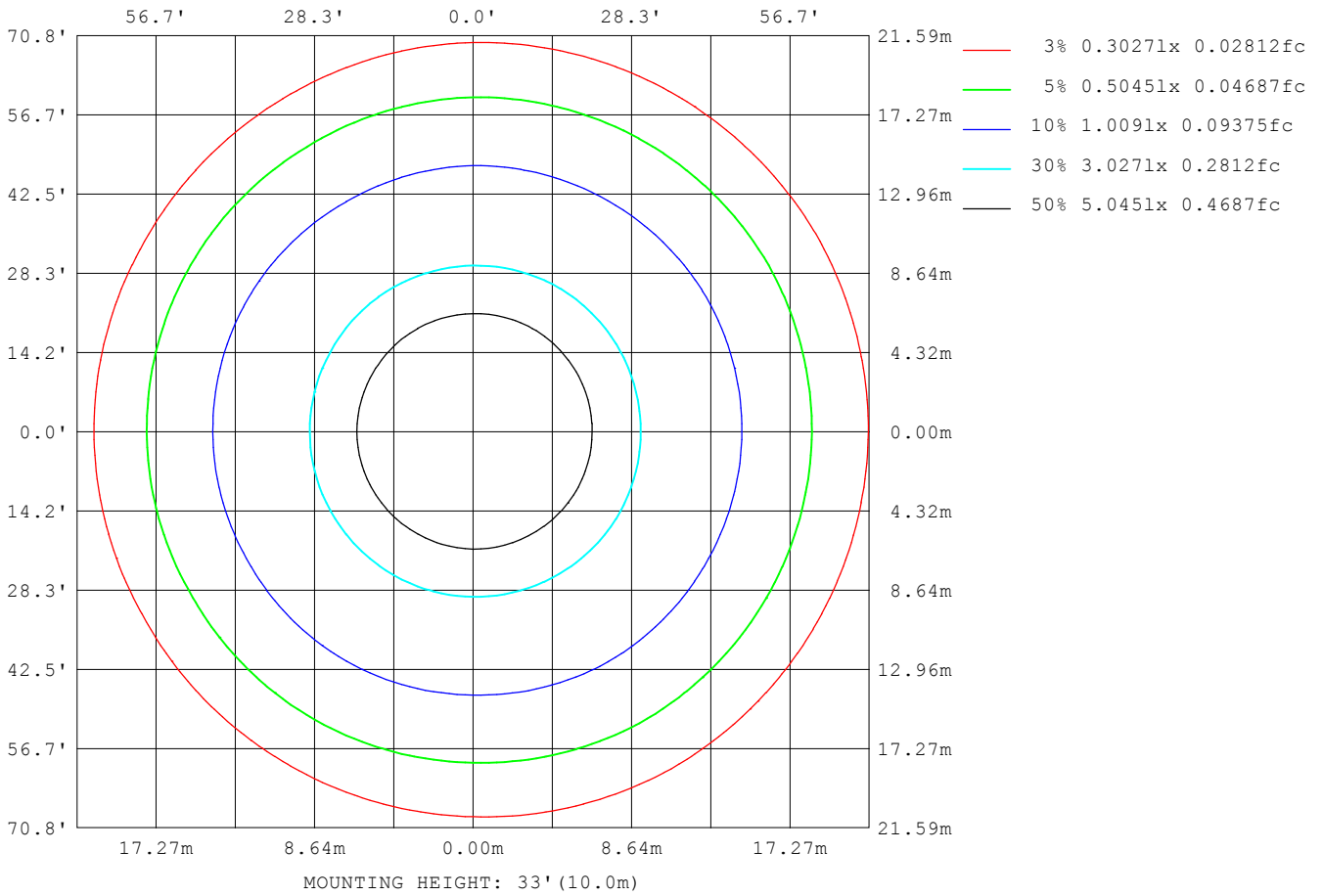
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 11.227m [K=1.1463]
 Remarks:

ISOLUX DIAGRAM

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

LED Avg.L Report

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

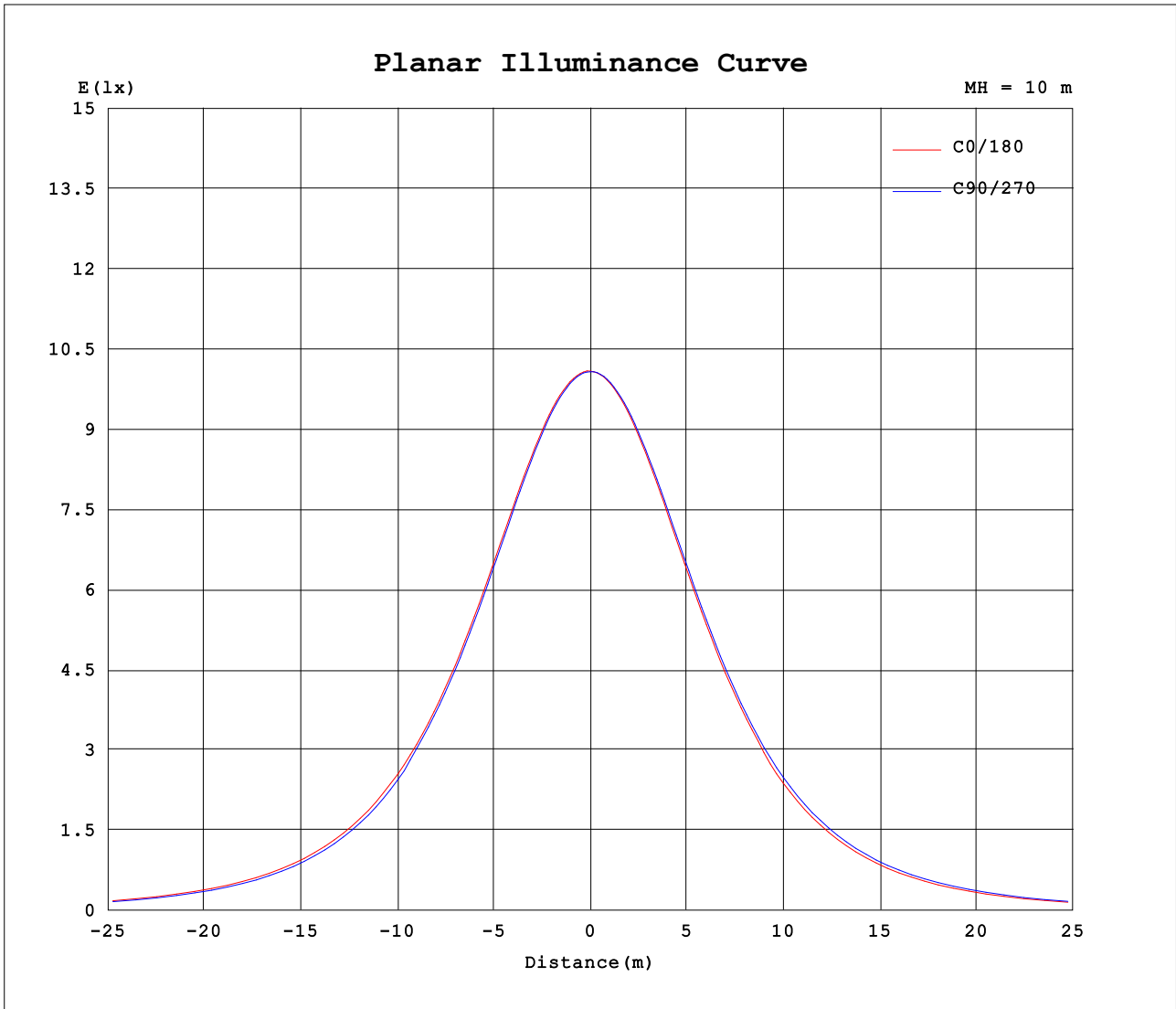
AvgL	cd/m2
L_0~180 (65) av	89724
L_0~180 (75) av	75167
L_0~180 (85) av	45096
L_90~270 (65) av	89665
L_90~270 (75) av	75307
L_90~270 (85) av	47306
L_45 (65) av	89289
L_45 (75) av	75031
L_45 (85) av	49070

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 11.227m [K=1.1463]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.00V I:1.892A P:22.70W PF:1.000 Freq:50.04Hz Lamp Flux:2996.99x1 lm		
NAME: 7158 2835 240LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1009	1007	1007	1008	1008	1009	1009	1007	1007	1008	1008	1009							
5	1007	1005	1004	1004	1003	1003	1003	1001	1002	1005	1006	1007							
10	997	995	993	992	990	989	990	988	991	994	997	998							
15	979	978	975	972	969	968	968	967	971	975	979	980							
20	954	953	949	946	940	939	940	938	943	949	954	955							
25	923	921	915	911	905	902	903	902	908	915	922	923							
30	883	881	874	869	861	858	860	858	866	874	882	884							
35	835	833	826	820	810	806	808	807	816	825	834	836							
40	781	779	771	763	752	748	750	749	759	769	781	783							
45	720	713	708	689	687	672	674	682	685	705	713	721							
50	650	640	639	619	614	600	603	611	614	635	640	653							
55	574	566	563	543	535	521	524	531	537	558	565	578							
60	494	486	481	460	450	437	440	446	454	475	485	495							
65	407	400	393	372	355	347	351	351	367	386	399	409							
70	312	311	296	281	263	255	259	258	275	289	307	313							
75	221	219	205	191	172	165	168	168	186	199	216	222							
80	134	132	121	108	92.1	84.4	85.9	87.6	103	115	130	136							
85	57.4	58.5	49.6	38.9	28.9	22.9	21.2	23.9	35.7	43.6	58.1	62.2							
90	8.21	8.88	6.34	1.59	3.23	3.52	2.07	2.20	3.18	2.46	10.2	11.1							
95	1.85	1.91	1.82	1.87	2.10	2.65	2.30	2.39	2.27	2.16	2.26	2.39							
100	2.20	2.14	2.23	2.40	2.40	2.47	2.70	2.79	2.84	2.84	2.60	2.58							
105	2.56	2.60	2.81	2.99	2.97	2.89	3.29	3.38	3.46	3.41	3.20	3.01							
110	3.11	3.14	3.38	3.59	3.56	3.48	3.92	3.95	4.07	4.07	3.79	3.61							
115	3.68	3.72	3.92	4.23	4.13	4.07	4.57	4.61	4.70	4.72	4.44	4.23							
120	4.30	4.29	4.50	4.81	4.71	4.65	5.19	5.32	5.28	5.32	5.03	4.82							
125	4.90	4.88	5.09	5.40	5.28	5.21	5.76	5.82	5.83	5.92	5.60	5.46							
130	5.46	5.43	5.65	5.97	5.78	5.79	6.28	6.29	6.32	6.41	6.08	5.95							
135	5.97	6.02	6.21	6.47	6.33	6.32	6.82	6.79	6.78	6.89	6.61	6.47							
140	6.48	6.54	6.65	6.95	6.81	6.82	7.26	7.23	7.22	7.32	7.05	6.93							
145	6.98	7.02	7.10	7.37	7.32	7.29	7.61	7.59	7.62	7.72	7.44	7.36							
150	7.42	7.52	7.54	7.79	7.76	7.69	7.98	7.95	7.98	8.01	7.80	7.76							
155	7.81	7.93	7.95	8.16	8.13	8.07	8.31	8.29	8.31	8.39	8.12	8.17							
160	8.26	8.32	8.26	8.54	8.57	8.44	8.67	8.60	8.64	8.71	8.43	8.54							
165	8.70	8.69	8.68	8.93	8.91	8.77	8.98	8.88	9.00	9.00	8.76	8.80							
170	9.14	9.04	9.08	9.27	9.20	9.12	9.30	9.14	9.26	9.30	9.10	9.12							
175	9.51	9.36	9.33	9.51	9.46	9.40	9.64	9.43	9.46	9.51	9.39	9.37							
180	9.72	9.53	9.59	9.68	9.58	9.57	9.77	9.55	9.55	9.68	9.58	9.60							

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:11.227m [K=1.1463]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	1009	1007	1007	1008	1008	1009	1009	1007	1007	1008
3.0	1008	1007	1006	1007	1006	1006	1006	1005	1005	1007
6.0	1005	1004	1002	1002	1001	1001	1001	999.5	1001	1003
9.0	999.6	998.0	995.8	995.1	993.0	992.6	993.0	991.5	993.5	996.7
12.0	991.0	989.6	986.8	985.3	982.3	981.5	982.1	980.5	983.2	987.4
15.0	979.2	977.9	974.6	972.5	969.0	967.7	968.5	967.0	970.5	974.8
18.0	965.5	963.8	959.9	957.2	952.7	951.3	952.0	950.9	955.1	960.1
21.0	948.7	947.4	942.6	939.6	933.8	932.1	933.5	931.8	936.9	942.6
24.0	929.3	927.7	923.6	918.6	912.6	910.4	911.0	910.1	916.0	922.2
27.0	907.2	905.5	899.9	895.2	888.4	885.7	886.5	885.8	892.4	899.4
30.0	882.6	880.9	874.5	869.3	861.3	858.4	859.6	858.4	866.2	873.6
33.0	855.5	853.6	846.2	840.5	831.1	828.2	829.2	828.5	836.4	844.9
36.0	824.9	823.7	815.5	809.4	798.6	795.5	797.4	795.9	804.8	814.1
39.0	792.6	791.6	782.8	775.6	764.6	760.7	762.4	761.0	771.1	780.2
42.0	757.6	756.8	746.7	739.1	726.8	717.6	719.3	722.9	734.7	743.9
45.0	719.6	713.4	707.8	689.2	686.5	672.0	674.2	682.5	684.9	704.8
48.0	677.9	668.1	667.4	648.0	644.1	629.5	631.8	640.0	643.6	663.7
51.0	634.8	626.0	623.9	604.3	598.7	584.7	587.0	594.9	599.1	619.8
54.0	590.3	581.5	578.4	558.3	551.6	537.4	540.4	547.4	554.1	573.3
57.0	542.7	535.0	530.7	510.2	502.2	488.3	491.1	498.1	505.0	524.7
60.0	493.6	486.1	480.9	459.6	450.0	436.8	439.9	446.1	453.8	474.9
63.0	442.5	435.0	428.5	407.3	396.7	383.4	386.9	392.7	401.6	422.2
66.0	389.6	382.9	371.9	354.0	336.4	329.3	332.3	332.4	349.0	365.0
69.0	329.7	329.0	314.6	299.4	281.1	273.9	277.5	277.1	292.5	307.8
72.0	274.8	274.0	259.2	244.5	225.4	218.5	222.0	222.2	237.9	253.2
75.0	220.7	219.5	205.2	191.0	172.2	164.9	168.4	168.1	185.9	198.8
78.0	167.4	166.0	153.4	139.8	122.5	114.7	117.6	117.9	132.8	146.9
81.0	116.8	116.3	105.2	92.30	77.57	70.18	71.14	73.22	88.15	99.16
84.0	71.30	72.12	62.54	50.93	39.44	33.07	32.12	34.50	47.08	56.05
87.0	32.09	34.21	27.24	19.73	12.62	9.127	7.667	8.784	16.00	22.27
90.0	8.208	8.883	6.337	1.590	3.231	3.524	2.066	2.201	3.185	2.463
93.0	2.084	2.029	1.808	1.675	2.364	2.908	2.150	2.232	2.102	1.958
96.0	1.887	1.972	1.863	1.972	2.090	2.540	2.399	2.433	2.376	2.302
99.0	2.136	2.125	2.124	2.292	2.326	2.446	2.589	2.623	2.708	2.635
102.0	2.279	2.280	2.433	2.660	2.599	2.624	2.922	3.015	3.076	3.003
105.0	2.563	2.601	2.812	2.993	2.967	2.886	3.290	3.382	3.457	3.406
108.0	2.872	2.945	3.145	3.373	3.311	3.219	3.670	3.715	3.825	3.821
111.0	3.240	3.278	3.466	3.717	3.656	3.575	4.038	4.107	4.169	4.190
114.0	3.561	3.598	3.810	4.085	4.012	3.931	4.454	4.522	4.561	4.570
117.0	3.928	3.954	4.142	4.465	4.368	4.299	4.845	4.878	4.905	4.950
120.0	4.296	4.287	4.498	4.809	4.712	4.655	5.189	5.317	5.284	5.318
123.0	4.630	4.643	4.890	5.177	5.033	4.999	5.546	5.568	5.605	5.686
126.0	4.962	4.987	5.199	5.510	5.366	5.332	5.878	5.912	5.937	6.042
129.0	5.306	5.320	5.531	5.854	5.710	5.712	6.199	6.232	6.211	6.292
132.0	5.650	5.664	5.864	6.174	6.030	5.996	6.531	6.470	6.507	6.612
135.0	5.971	6.020	6.208	6.471	6.327	6.317	6.816	6.790	6.806	6.885
138.0	6.292	6.317	6.482	6.757	6.636	6.626	7.089	7.064	7.065	7.206
141.0	6.600	6.638	6.754	7.030	6.979	6.911	7.326	7.313	7.326	7.396
144.0	6.873	6.911	7.016	7.302	7.217	7.196	7.552	7.551	7.552	7.633
147.0	7.217	7.219	7.254	7.552	7.514	7.409	7.754	7.740	7.766	7.835
150.0	7.420	7.516	7.538	7.789	7.764	7.694	7.979	7.954	7.979	8.014
153.0	7.645	7.789	7.752	8.015	7.990	7.932	8.169	8.168	8.181	8.286
156.0	7.930	8.027	8.002	8.229	8.191	8.157	8.359	8.358	8.383	8.418
159.0	8.168	8.264	8.168	8.466	8.487	8.371	8.573	8.560	8.585	8.619
162.0	8.475	8.490	8.393	8.703	8.654	8.585	8.787	8.714	8.786	8.832
165.0	8.702	8.691	8.678	8.929	8.915	8.774	8.977	8.880	9.000	8.999
168.0	8.963	8.893	8.927	9.166	9.070	8.965	9.190	9.047	9.154	9.189
171.0	9.259	9.107	9.106	9.321	9.295	9.178	9.392	9.177	9.309	9.332
174.0	9.450	9.285	9.296	9.451	9.379	9.368	9.605	9.367	9.427	9.474
177.0	9.640	9.451	9.438	9.582	9.498	9.522	9.724	9.474	9.510	9.616
180.0	9.724	9.534	9.593	9.676	9.581	9.569	9.771	9.546	9.546	9.676
G/C	300.0	330.0								
0.0	1008	1009								
3.0	1008	1008								
6.0	1005	1006								
9.0	999.3	1000								
12.0	990.8	991.8								
15.0	979.4	980.2								
18.0	965.4	966.3								
21.0	948.3	950.1								
24.0	928.8	930.2								
27.0	906.8	908.4								
30.0	882.3	883.7								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 11.227m [K=1.1463]
 Remarks:

Photometric Data Table [cd]

33.0	855.1	856.5
36.0	824.5	826.3
39.0	791.5	793.8
42.0	756.4	758.8
45.0	713.3	721.3
48.0	668.0	681.1
51.0	625.6	638.8
54.0	581.3	593.9
57.0	534.0	544.3
60.0	485.0	495.5
63.0	433.9	444.5
66.0	380.9	391.4
69.0	326.9	330.8
72.0	270.3	277.3
75.0	215.9	222.3
78.0	163.0	169.0
81.0	114.3	119.9
84.0	71.51	75.50
87.0	34.66	37.66
90.0	10.24	11.12
93.0	2.632	2.869
96.0	2.233	2.351
99.0	2.471	2.481
102.0	2.827	2.707
105.0	3.196	3.015
108.0	3.563	3.359
111.0	3.919	3.774
114.0	4.311	4.107
117.0	4.679	4.510
120.0	5.035	4.819
123.0	5.403	5.164
126.0	5.688	5.520
129.0	5.997	5.852
132.0	6.317	6.184
135.0	6.614	6.470
138.0	6.876	6.826
141.0	7.136	7.016
144.0	7.350	7.265
147.0	7.564	7.526
150.0	7.801	7.764
153.0	7.992	7.978
156.0	8.228	8.192
159.0	8.383	8.417
162.0	8.585	8.619
165.0	8.763	8.797
168.0	8.965	8.987
171.0	9.178	9.154
174.0	9.344	9.320
177.0	9.463	9.474
180.0	9.581	9.605

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:11.227m [K=1.1463]
Remarks: