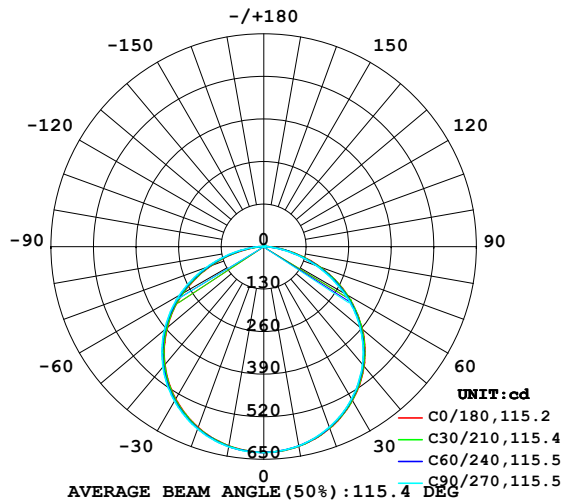


LUMINAIRE PHOTOMETRIC TEST REPORT

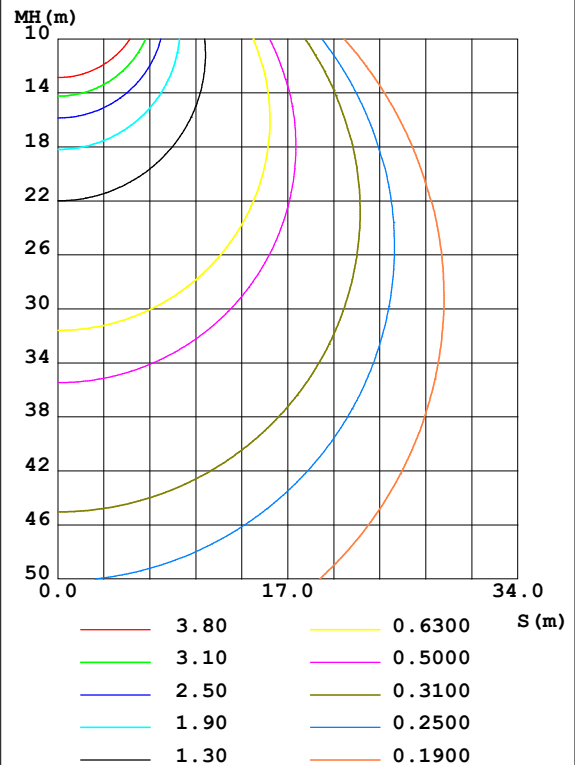
Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm		
NAME: 7154 2835 156LED/M 3000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.06 lm/W			
MODEL		I _{max} (cd)	629.4	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)	1865.3	η UP, DN (C0-180)	0.5, 48.9
NOMINAL FLUX (lm)	1865.34	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 50.0
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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
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=1.1455]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	619.3	618.4	617.7	617.7	618.0	619.1	620.5	621.2	0- 10	59.56	59.56	3.19,3.19
20	590.4	588.6	587.1	586.6	587.6	590.0	592.6	593.2	10- 20	171.3	230.9	12.4,12.4
30	542.6	539.7	537.3	536.2	538.1	541.6	545.3	546.5	20- 30	261.6	492.5	26.4,26.4
40	476.9	473.0	469.7	467.8	470.3	474.9	479.8	481.4	30- 40	318.9	811.4	43.5,43.5
50	393.9	389.0	384.3	381.6	385.3	390.8	396.7	398.7	40- 50	334.8	1146	61.4,61.4
60	293.7	289.5	283.0	280.3	284.9	291.0	298.1	299.8	50- 60	305.3	1451	77.8,77.8
70	183.9	178.2	170.8	167.6	172.2	179.3	187.2	189.6	60- 70	232.6	1684	90.3,90.3
80	73.20	68.58	62.63	58.84	62.79	69.47	76.45	78.28	70- 80	129.1	1813	97.2,97.2
90	3.952	3.983	1.101	2.132	2.329	3.868	1.948	5.944	80- 90	32.05	1845	98.9,98.9
100	1.351	1.464	1.553	1.458	1.613	1.707	1.730	1.648	90-100	1.889	1847	99,99
110	2.026	2.104	2.312	2.169	2.372	2.448	2.477	2.359	100-110	2.013	1849	99.1,99.1
120	2.761	2.821	3.059	2.892	3.178	3.206	3.271	3.088	110-120	2.626	1852	99.3,99.3
130	3.437	3.538	3.770	3.580	3.889	3.877	4.006	3.799	120-130	3.030	1855	99.4,99.4
140	4.101	4.208	4.434	4.297	4.541	4.528	4.599	4.428	130-140	3.139	1858	99.6,99.6
150	4.742	4.825	4.967	4.878	4.991	4.985	5.085	4.920	140-150	2.922	1861	99.8,99.8
160	5.286	5.305	5.430	5.340	5.442	5.447	5.465	5.352	150-160	2.376	1863	99.9,99.9
170	5.796	5.743	5.868	5.820	5.892	5.826	5.868	5.761	160-170	1.580	1865	100,100
180	6.164	6.058	6.105	6.046	6.164	6.046	6.105	6.052	170-180	0.5656	1865	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 979.62 lm

%lum = 52.5%

%lamp = 52.5%

Conical surface Flux(120deg): 1451.5 lm

%lum = 77.8%

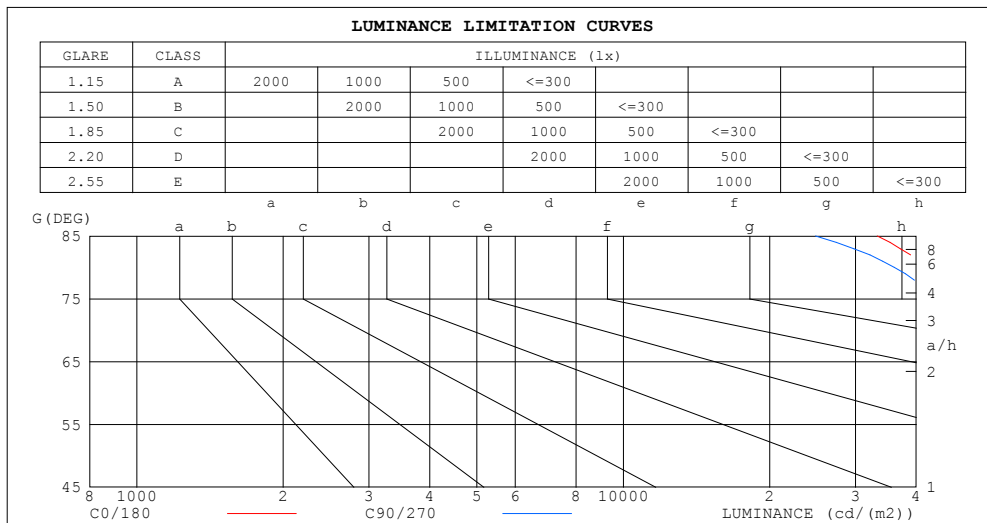
%lamp = 77.8%

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=1.1455]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm		
NAME: 7154 2835 156LED/M 3000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	33258	24847
80	42155	36067
75	48979	44190
70	53773	49939
65	56758	53888
60	58737	56594
55	60041	58472
50	61284	59784
45	61854	60674

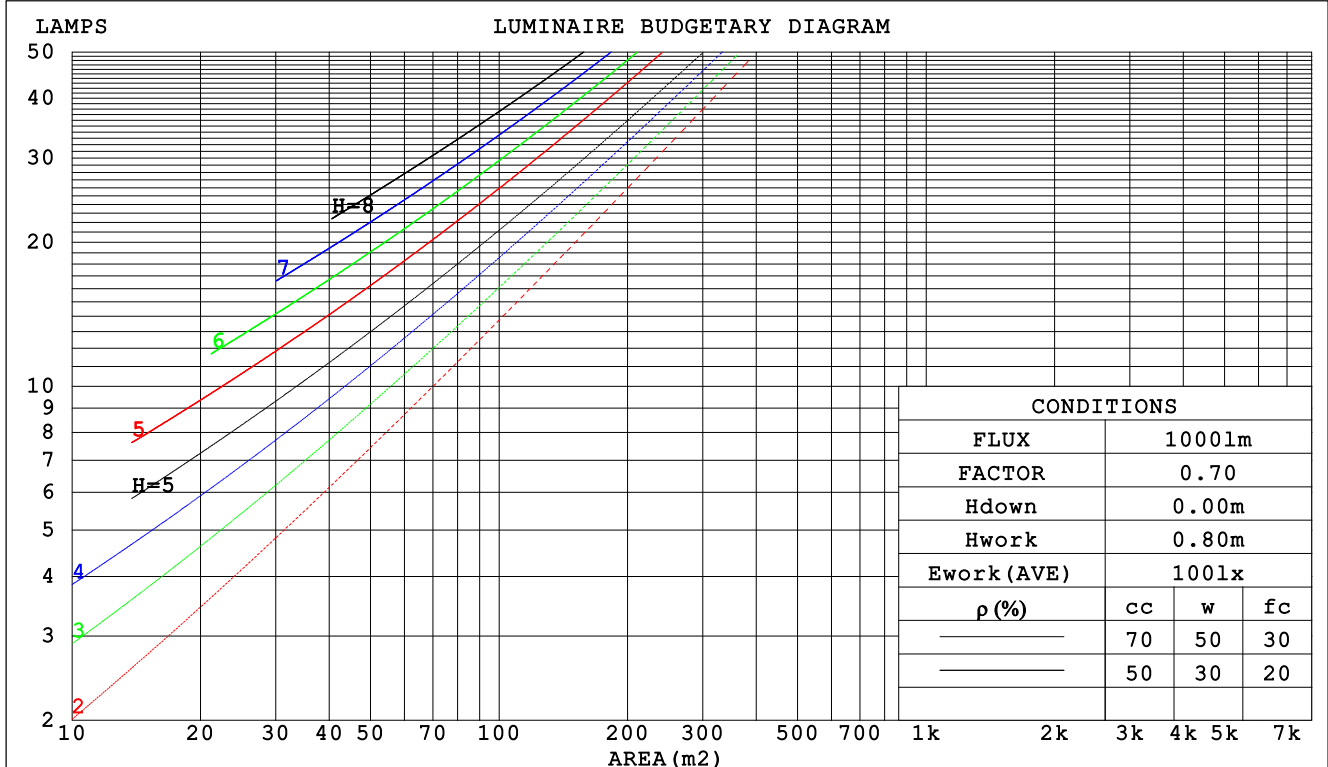
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-04

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=1.1455]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm		
NAME: 7154 2835 156LED/M 3000K 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	.95	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	.68	.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	.41	.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	.35	.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=1.1455]
Remarks:

WEC AND CCEC

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm					
NAME: 7154 2835 156LED/M 3000K IRC90 12V			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.:		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	.309	.176	.056	.302	.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	.265	.142	.043	.254	.137	.042	.244	.134	.041	.234	.130	.040		
4.0	.250	.130	.038	.245	.128	.038	.235	.125	.037	.226	.121	.037	.218	.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		

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.189	.164	.143	.161	.141	.123	.110	.097	.085	.064	.056	.049	.020	.018	.016	
2.0	.181	.140	.106	.155	.121	.092	.106	.084	.064	.061	.049	.038	.020	.016	.012	
3.0	.173	.123	.083	.148	.106	.072	.102	.074	.050	.059	.043	.030	.019	.014	.010	
4.0	.165	.109	.067	.142	.095	.058	.098	.066	.041	.056	.039	.024	.018	.013	.008	
5.0	.158	.099	.056	.136	.086	.048	.093	.060	.034	.054	.035	.020	.017	.011	.007	
6.0	.151	.091	.048	.130	.079	.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	.138	.078	.037	.118	.068	.032	.082	.048	.023	.048	.028	.014	.015	.009	.005	
9.0	.132	.073	.034	.113	.063	.029	.079	.045	.021	.046	.026	.012	.015	.009	.004	
10.0	.126	.069	.031	.109	.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=1.1455]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm										
NAME: 7154 2835 156LED/M 3000K 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	25.0	26.5	25.2	26.7	26.9	24.8	26.3	25.1	26.5	26.8
3H	26.5	27.9	26.8	28.2	28.4	26.3	27.7	26.6	27.9	28.2
4H	27.1	28.4	27.4	28.7	29.0	26.8	28.1	27.1	28.4	28.7
6H	27.5	28.7	27.8	29.0	29.3	27.1	28.4	27.5	28.7	29.0
8H	27.6	28.8	28.0	29.1	29.4	27.2	28.4	27.6	28.7	29.0
12H	27.7	28.8	28.0	29.1	29.5	27.2	28.4	27.6	28.7	29.0
4H 2H	25.6	26.9	25.9	27.2	27.4	25.4	26.8	25.8	27.0	27.3
3H	27.3	28.4	27.6	28.8	29.1	27.1	28.2	27.4	28.5	28.9
4H	28.0	29.1	28.4	29.4	29.8	27.7	28.8	28.1	29.1	29.5
6H	28.5	29.4	28.9	29.8	30.2	28.1	29.1	28.6	29.5	29.8
8H	28.7	29.5	29.1	29.9	30.3	28.3	29.1	28.7	29.5	29.9
12H	28.8	29.6	29.2	30.0	30.4	28.3	29.1	28.8	29.5	30.0
8H 4H	28.2	29.1	28.6	29.5	29.9	28.0	28.8	28.4	29.2	29.6
6H	28.9	29.6	29.3	30.0	30.5	28.5	29.3	29.0	29.7	30.1
8H	29.1	29.7	29.6	30.2	30.7	28.7	29.4	29.2	29.8	30.3
12H	29.3	29.8	29.7	30.3	30.8	28.8	29.4	29.3	29.8	30.3
12H 4H	28.2	29.0	28.7	29.4	29.9	28.0	28.8	28.4	29.2	29.6
6H	28.9	29.5	29.4	30.0	30.5	28.6	29.2	29.1	29.7	30.1
8H	29.2	29.7	29.7	30.2	30.7	28.8	29.3	29.3	29.8	30.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1865 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.2$)

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=1.1455]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm		
NAME: 7154 2835 156LED/M 3000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

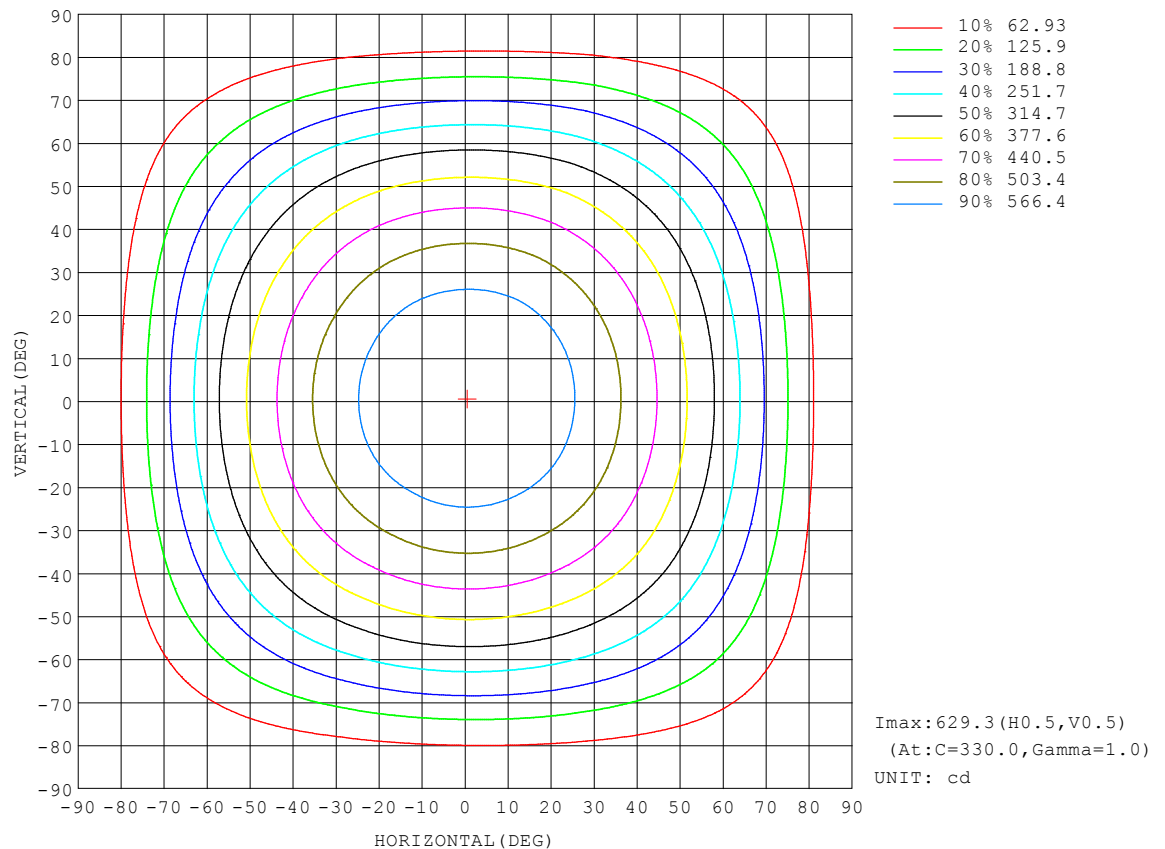
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	56	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	95	103	98	94	99	95	91	82
5.00	108	103	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=1.1455]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm		
NAME: 7154 2835 156LED/M 3000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

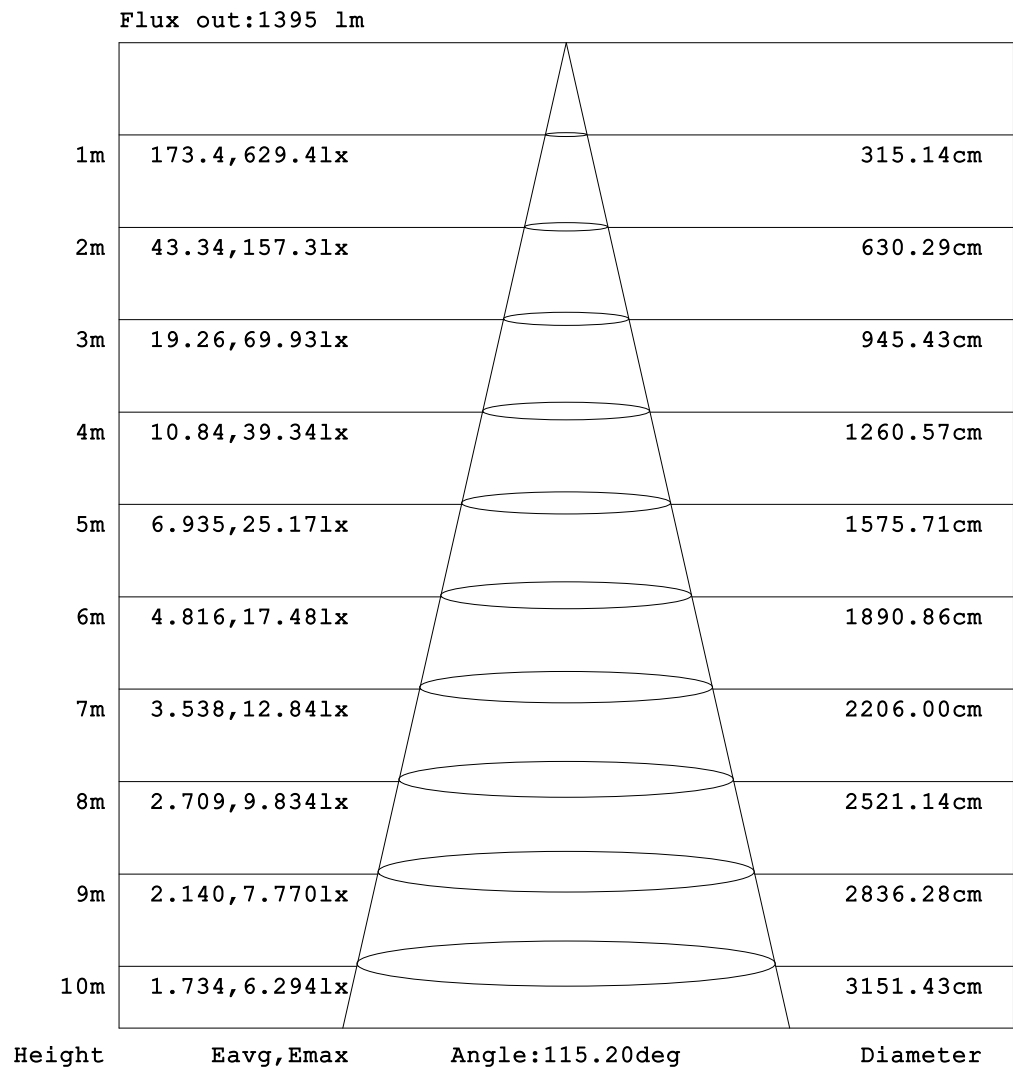


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-04

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=1.1455]
Remarks:

AAI Figure

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm		
NAME: 7154 2835 156LED/M 3000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



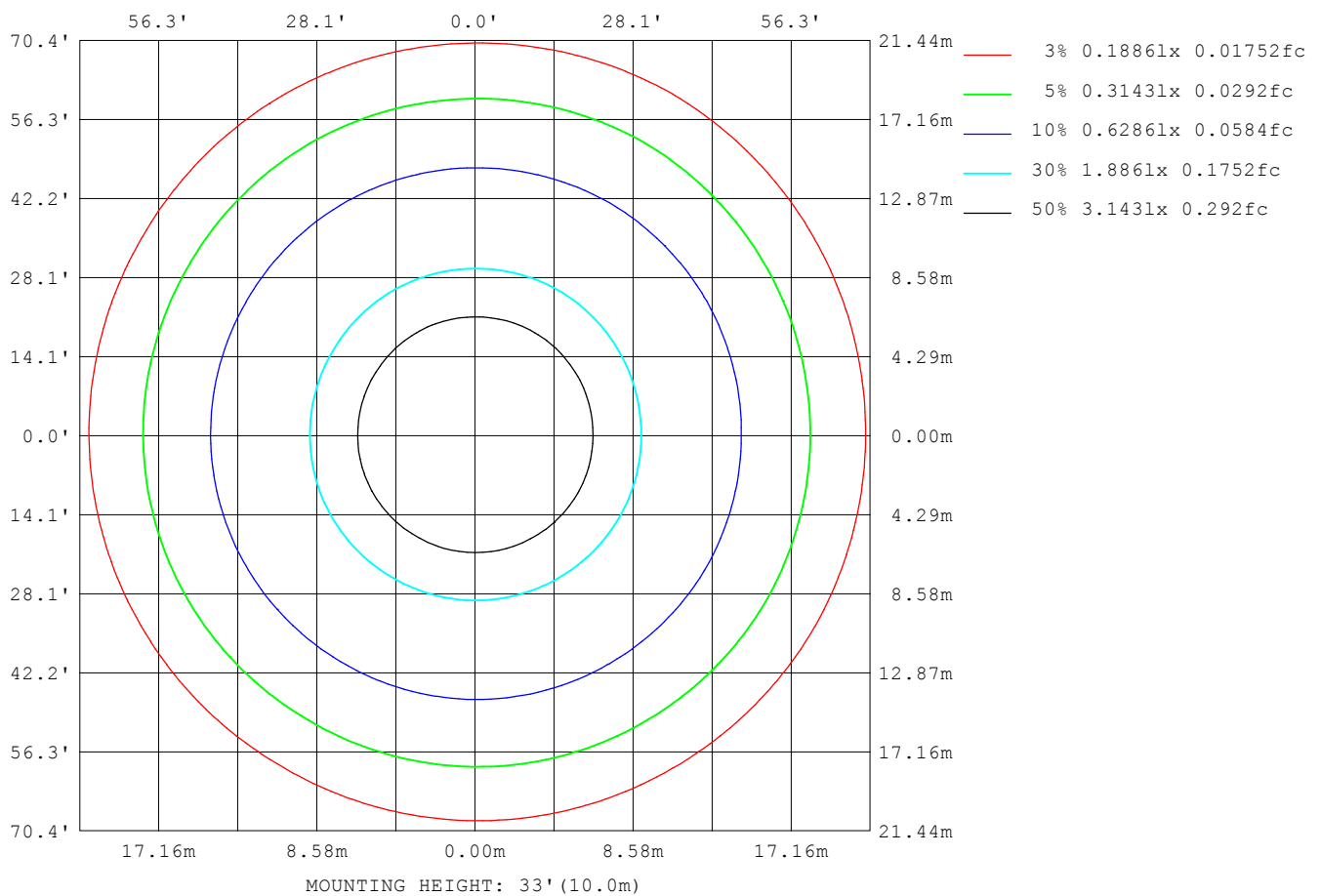
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.1455]
Remarks:

ISOLUX DIAGRAM

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm		
NAME: 7154 2835 156LED/M 3000K 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=1.1455]
Remarks:

LED Avg.L Report

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm		
NAME: 7154 2835 156LED/M 3000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

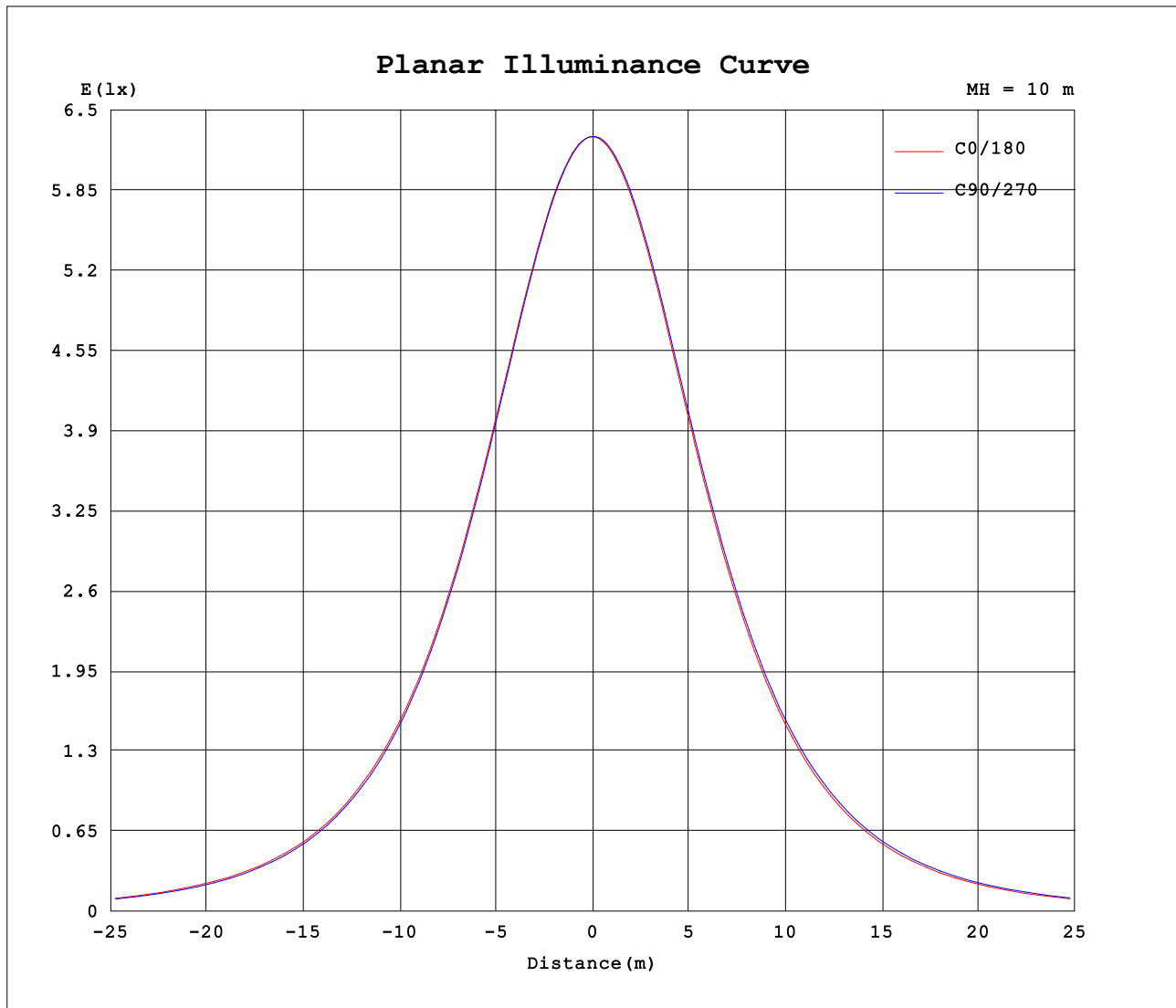
AvgL	cd/m2
L_0~180 (65) av	55518
L_0~180 (75) av	46814
L_0~180 (85) av	28778
L_90~270 (65) av	55772
L_90~270 (75) av	47313
L_90~270 (85) av	30521
L_45 (65) av	55749
L_45 (75) av	46986
L_45 (85) av	30306

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=1.1455]
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=1.1455]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.00V I:1.253A P:15.04W PF:1.000 Freq:50.03Hz Lamp Flux:1865.34x1 lm		
NAME: 7154 2835 156LED/M 3000K 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	629	629	629	629	629	629	629	629	629	629	629	629							
5	626	626	626	626	626	626	626	626	627	627	628	628							
10	619	619	618	618	617	618	618	618	620	621	621	621							
15	607	607	605	605	604	605	605	606	608	609	610	609							
20	590	590	588	587	586	587	588	589	591	593	594	593							
25	569	568	565	564	563	564	565	567	570	571	573	571							
30	543	541	538	537	535	537	538	540	543	545	548	545							
35	512	510	507	506	503	505	507	508	513	515	518	515							
40	477	475	471	470	467	469	470	472	477	480	483	480							
45	437	435	431	429	426	428	430	432	438	440	444	440							
50	394	392	387	384	380	383	385	388	394	397	400	397							
55	344	344	338	335	332	334	337	340	346	349	353	350							
60	294	293	287	283	279	281	285	288	294	298	302	297							
65	240	238	232	228	224	226	229	232	240	244	248	244							
70	184	182	175	171	166	169	172	176	183	187	192	187							
75	127	125	118	114	110	111	116	119	126	131	134	130							
80	73.2	71.1	66.0	62.6	58.4	59.3	62.8	65.8	73.1	76.4	80.2	76.4							
85	29.0	27.8	24.5	21.7	19.2	18.9	21.2	24.0	29.6	31.5	34.8	32.0							
90	3.95	4.25	3.72	1.10	2.33	1.93	2.33	2.85	4.89	1.95	6.84	5.05							
95	1.26	1.53	1.28	1.20	1.22	1.34	1.45	1.48	1.66	1.32	1.95	1.73							
100	1.35	1.47	1.46	1.55	1.48	1.43	1.61	1.69	1.72	1.73	1.64	1.66							
105	1.66	1.70	1.81	1.92	1.82	1.77	1.99	2.05	2.08	2.09	2.00	1.92							
110	2.03	2.05	2.16	2.31	2.23	2.11	2.37	2.43	2.47	2.48	2.41	2.31							
115	2.38	2.42	2.51	2.69	2.59	2.48	2.79	2.81	2.85	2.88	2.76	2.65							
120	2.76	2.77	2.87	3.06	2.94	2.85	3.18	3.18	3.24	3.27	3.13	3.05							
125	3.09	3.12	3.24	3.41	3.25	3.22	3.56	3.56	3.58	3.65	3.50	3.40							
130	3.44	3.47	3.60	3.77	3.60	3.56	3.89	3.86	3.89	4.01	3.83	3.77							
135	3.79	3.84	3.92	4.10	3.98	3.90	4.22	4.22	4.22	4.33	4.14	4.12							
140	4.10	4.16	4.25	4.43	4.34	4.26	4.54	4.53	4.53	4.60	4.46	4.40							
145	4.48	4.52	4.55	4.73	4.59	4.55	4.77	4.74	4.78	4.88	4.69	4.71							
150	4.74	4.81	4.84	4.97	4.91	4.85	4.99	4.97	5.00	5.09	4.93	4.91							
155	4.97	5.09	5.06	5.18	5.16	5.10	5.22	5.19	5.23	5.27	5.15	5.14							
160	5.29	5.32	5.29	5.43	5.37	5.31	5.44	5.43	5.47	5.46	5.33	5.37							
165	5.50	5.54	5.49	5.67	5.64	5.55	5.69	5.62	5.68	5.68	5.56	5.58							
170	5.80	5.75	5.74	5.87	5.87	5.77	5.89	5.78	5.87	5.87	5.77	5.75							
175	6.03	5.93	5.90	6.02	5.96	5.97	6.08	5.96	6.03	6.02	5.94	5.93							
180	6.16	6.06	6.06	6.10	6.05	6.05	6.16	6.03	6.06	6.10	6.05	6.06							

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=1.1455]
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	628.6	628.5	628.7	628.9	629.2	629.4	628.6	628.5	628.7	628.9
3.0	627.9	627.7	627.5	627.6	627.7	628.1	627.4	627.6	628.0	628.5
6.0	625.4	625.1	624.6	624.5	624.3	625.0	624.6	624.9	625.7	626.3
9.0	621.1	620.7	619.8	619.7	619.4	620.2	619.9	620.3	621.6	622.3
12.0	615.1	614.7	613.4	613.1	612.7	613.5	613.5	614.1	615.7	616.5
15.0	607.2	606.7	605.2	604.7	604.0	605.1	605.2	606.1	607.9	609.1
18.0	597.7	596.9	595.2	594.6	593.6	594.9	595.3	596.3	598.5	599.8
21.0	586.4	585.5	583.6	582.8	581.8	583.0	583.4	584.6	587.3	588.7
24.0	573.5	572.4	570.2	569.3	567.7	569.4	570.0	571.3	574.4	575.9
27.0	558.8	557.6	555.2	554.1	552.2	554.1	554.9	556.4	559.7	561.5
30.0	542.6	541.2	538.1	537.3	535.3	537.1	538.1	539.7	543.5	545.3
33.0	524.7	523.2	520.1	518.9	516.2	518.6	519.7	521.4	525.6	527.6
36.0	505.1	503.6	500.0	498.9	496.4	498.2	499.6	501.5	506.2	508.1
39.0	484.1	482.4	478.7	477.4	474.1	476.4	477.9	479.9	484.9	487.1
42.0	461.6	459.6	455.5	454.1	450.5	452.9	454.5	456.5	462.0	464.3
45.0	437.4	435.4	430.8	429.0	425.7	428.0	429.9	432.0	437.8	440.0
48.0	412.0	409.7	404.8	402.7	399.6	401.5	403.6	405.8	411.8	414.4
51.0	384.7	382.4	377.1	375.0	370.8	373.4	375.9	378.4	384.5	387.3
54.0	354.1	353.7	348.4	345.4	341.8	344.1	347.0	349.2	355.8	358.7
57.0	324.6	323.8	318.1	314.9	311.4	313.5	316.3	318.8	325.8	328.9
60.0	293.7	292.5	286.5	283.0	279.2	281.5	284.9	287.6	294.4	298.1
63.0	262.1	260.1	254.2	250.0	246.3	248.3	252.1	255.0	261.8	266.0
66.0	228.8	227.1	220.5	216.5	212.4	214.6	218.3	221.4	228.4	232.7
69.0	195.0	193.1	186.2	182.2	177.9	180.2	183.9	187.2	194.7	198.7
72.0	161.5	158.6	151.6	147.8	143.1	145.5	149.3	152.7	160.0	164.7
75.0	126.8	124.6	117.8	114.4	109.5	111.5	115.6	118.5	126.2	130.5
78.0	93.93	91.67	85.88	82.45	77.88	79.11	82.93	85.93	93.49	97.15
81.0	63.39	61.49	56.47	53.41	49.29	50.08	53.23	56.37	63.16	66.61
84.0	36.95	35.53	31.73	28.63	25.81	25.84	27.98	31.11	36.83	39.30
87.0	15.26	15.01	12.87	10.06	8.862	8.366	9.551	11.95	16.55	17.28
90.0	3.952	4.245	3.720	1.101	2.335	1.930	2.329	2.847	4.889	1.948
93.0	1.545	1.848	1.865	1.079	1.365	1.375	1.505	1.590	2.024	1.185
96.0	1.245	1.468	1.269	1.281	1.221	1.304	1.482	1.494	1.529	1.410
99.0	1.304	1.446	1.386	1.482	1.480	1.376	1.565	1.588	1.695	1.682
102.0	1.481	1.518	1.588	1.672	1.611	1.542	1.767	1.778	1.874	1.860
105.0	1.659	1.696	1.813	1.921	1.825	1.767	1.992	2.050	2.076	2.086
108.0	1.848	1.956	2.026	2.170	2.062	1.980	2.218	2.216	2.313	2.323
111.0	2.074	2.123	2.228	2.372	2.275	2.170	2.455	2.477	2.561	2.642
114.0	2.287	2.359	2.453	2.609	2.489	2.407	2.704	2.702	2.775	2.820
117.0	2.512	2.561	2.655	2.834	2.690	2.620	2.941	2.963	3.000	3.022
120.0	2.761	2.774	2.868	3.059	2.939	2.846	3.178	3.176	3.237	3.271
123.0	2.974	2.988	3.093	3.272	3.105	3.094	3.403	3.390	3.450	3.496
126.0	3.176	3.202	3.342	3.498	3.377	3.285	3.605	3.580	3.640	3.769
129.0	3.378	3.415	3.543	3.699	3.555	3.486	3.818	3.817	3.841	3.958
132.0	3.568	3.616	3.757	3.901	3.733	3.699	4.031	4.006	4.055	4.125
135.0	3.793	3.841	3.923	4.102	3.982	3.901	4.221	4.219	4.221	4.326
138.0	3.983	4.031	4.101	4.292	4.125	4.102	4.446	4.397	4.434	4.540
141.0	4.195	4.221	4.314	4.481	4.374	4.316	4.600	4.552	4.588	4.693
144.0	4.386	4.446	4.515	4.647	4.575	4.517	4.718	4.718	4.742	4.848
147.0	4.646	4.624	4.705	4.813	4.729	4.671	4.884	4.871	4.872	4.931
150.0	4.742	4.813	4.836	4.967	4.907	4.849	4.991	4.967	5.003	5.085
153.0	4.907	4.968	4.943	5.110	5.084	5.003	5.122	5.109	5.145	5.180
156.0	5.061	5.145	5.085	5.240	5.157	5.145	5.252	5.251	5.276	5.310
159.0	5.180	5.276	5.227	5.382	5.299	5.287	5.406	5.346	5.406	5.476
162.0	5.346	5.406	5.346	5.524	5.488	5.406	5.525	5.488	5.548	5.559
165.0	5.500	5.536	5.488	5.666	5.641	5.548	5.690	5.618	5.678	5.678
168.0	5.678	5.667	5.678	5.797	5.725	5.667	5.785	5.690	5.809	5.832
171.0	5.867	5.797	5.820	5.904	5.856	5.844	5.916	5.832	5.904	5.891
174.0	6.009	5.892	5.880	5.998	5.939	5.928	6.046	5.927	5.987	6.010
177.0	6.069	6.010	6.021	6.070	6.034	6.022	6.117	6.022	6.046	6.057
180.0	6.164	6.058	6.058	6.105	6.046	6.046	6.164	6.034	6.058	6.105
G/C	300.0	330.0								
0.0	629.2	629.4								
3.0	628.9	628.9								
6.0	626.9	626.7								
9.0	623.2	622.6								
12.0	617.7	616.8								
15.0	610.0	609.2								
18.0	601.2	599.8								
21.0	590.3	588.7								
24.0	577.7	575.9								
27.0	563.3	561.4								
30.0	547.9	545.2								

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=1.1455]
Remarks:

Photometric Data Table [cd]

33.0	529.6	527.5
36.0	510.9	508.1
39.0	490.3	487.0
42.0	467.4	464.4
45.0	443.9	440.3
48.0	418.7	414.8
51.0	391.3	388.0
54.0	363.7	359.6
57.0	333.6	329.8
60.0	302.2	297.4
63.0	270.0	265.6
66.0	237.0	232.8
69.0	203.5	199.2
72.0	168.9	164.8
75.0	134.5	130.4
78.0	101.1	97.54
81.0	69.85	66.72
84.0	42.60	39.78
87.0	20.61	18.01
90.0	6.838	5.050
93.0	2.615	1.995
96.0	1.801	1.695
99.0	1.589	1.623
102.0	1.791	1.695
105.0	2.004	1.920
108.0	2.241	2.204
111.0	2.467	2.406
114.0	2.680	2.607
117.0	2.953	2.809
120.0	3.130	3.046
123.0	3.379	3.271
126.0	3.581	3.520
129.0	3.782	3.698
132.0	3.960	3.923
135.0	4.138	4.124
138.0	4.339	4.361
141.0	4.505	4.515
144.0	4.647	4.611
147.0	4.790	4.765
150.0	4.932	4.907
153.0	5.062	5.085
156.0	5.193	5.203
159.0	5.299	5.322
162.0	5.430	5.512
165.0	5.560	5.583
168.0	5.678	5.678
171.0	5.809	5.832
174.0	5.916	5.879
177.0	5.998	5.998
180.0	6.046	6.058

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C Interval: 30.0DEG
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
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