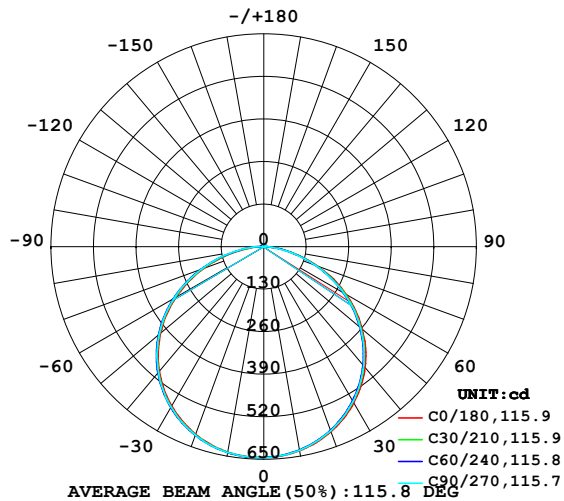


LUMINAIRE PHOTOMETRIC TEST REPORT

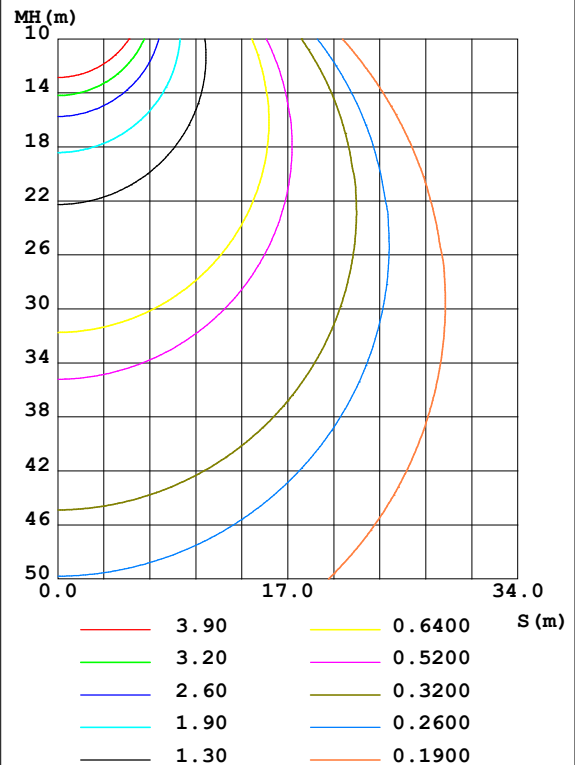
Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm		
NAME: 7155 2835 156LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.78 lm/W			
MODEL		I _{max} (cd)	645.5	S/MH (C0/180)	1.30
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.31
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	1933.3	η UP, DN (C0-180)	0.5, 47.7
NOMINAL FLUX (lm)	1933.28	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 51.0
LAMPS INSIDE	1	η up (%)	1.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	12	η down (%)	98.8	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=1.1161]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	633.0	630.8	631.3	634.1	637.3	638.4	638.7	636.8	0- 10	61.08	61.08	3.16, 3.16
20	601.3	597.4	598.2	603.4	609.9	612.6	612.6	608.6	10- 20	175.8	236.9	12.3, 12.3
30	550.8	544.9	545.7	553.1	562.6	567.1	566.6	561.0	20- 30	269.0	505.9	26.2, 26.2
40	481.7	473.9	474.6	483.8	497.0	502.0	501.5	494.7	30- 40	328.4	834.2	43.2, 43.2
50	392.5	385.4	385.6	396.3	412.3	418.5	417.9	410.1	40- 50	345.2	1179	61, 61
60	289.9	282.1	281.6	292.5	309.8	317.6	317.4	307.9	50- 60	315.3	1495	77.3, 77.3
70	175.6	169.9	168.0	177.1	194.5	203.0	204.1	194.0	60- 70	241.0	1736	89.8, 89.8
80	64.85	64.13	59.36	66.59	79.68	89.47	93.57	80.37	70- 80	135.8	1872	96.8, 96.8
90	2.891	3.382	1.181	3.983	7.766	16.27	14.51	8.944	80- 90	37.75	1909	98.8, 98.8
100	1.552	1.648	1.666	1.536	1.823	7.011	1.721	3.037	90-100	4.159	1913	99, 99
110	2.205	2.318	2.476	2.251	2.409	4.119	2.520	2.872	100-110	2.803	1916	99.1, 99.1
120	3.004	3.044	3.264	3.010	3.220	3.601	3.319	3.314	110-120	2.841	1919	99.3, 99.3
130	3.735	3.787	3.985	3.742	3.973	3.928	4.073	4.023	120-130	3.180	1922	99.4, 99.4
140	4.455	4.479	4.637	4.440	4.671	4.603	4.670	4.654	130-140	3.279	1926	99.6, 99.6
150	5.041	5.053	5.200	5.059	5.166	5.137	5.210	5.171	140-150	3.043	1929	99.8, 99.8
160	5.559	5.554	5.672	5.559	5.650	5.594	5.615	5.565	150-160	2.476	1931	99.9, 99.9
170	6.076	5.965	6.089	6.032	6.078	6.004	6.088	5.964	160-170	1.641	1933	100, 100
180	6.392	6.274	6.313	6.280	6.370	6.268	6.313	6.285	170-180	0.5861	1933	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1007.6 lm

%lum = 52.1%

%lamp = 52.1%

Conical surface Flux(120deg): 1494.7 lm

%lum = 77.3%

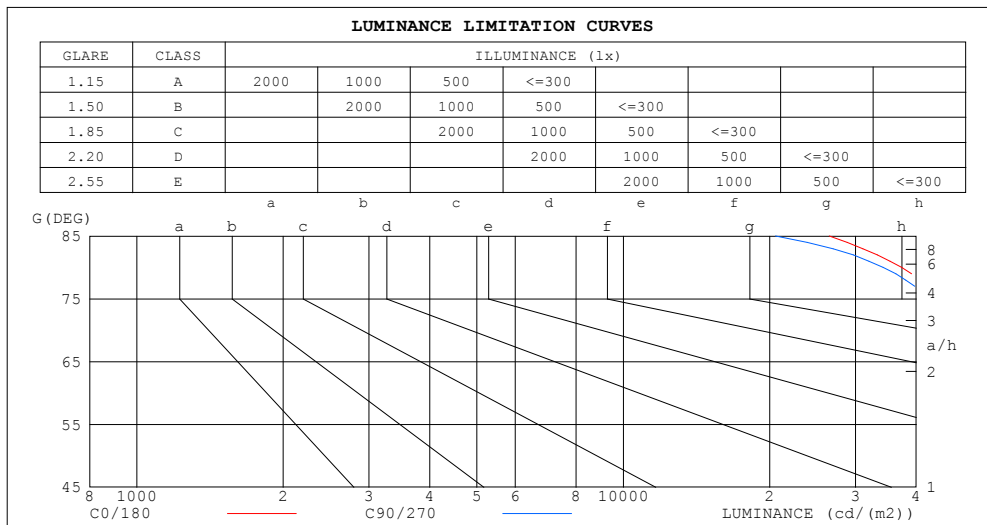
%lamp = 77.3%

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=1.1161]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm		
NAME: 7155 2835 156LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	26504	20538
80	37344	34185
75	45716	42915
70	51332	49112
65	55689	53321
60	57989	56322
55	59830	58475
50	61055	59996
45	62280	61140

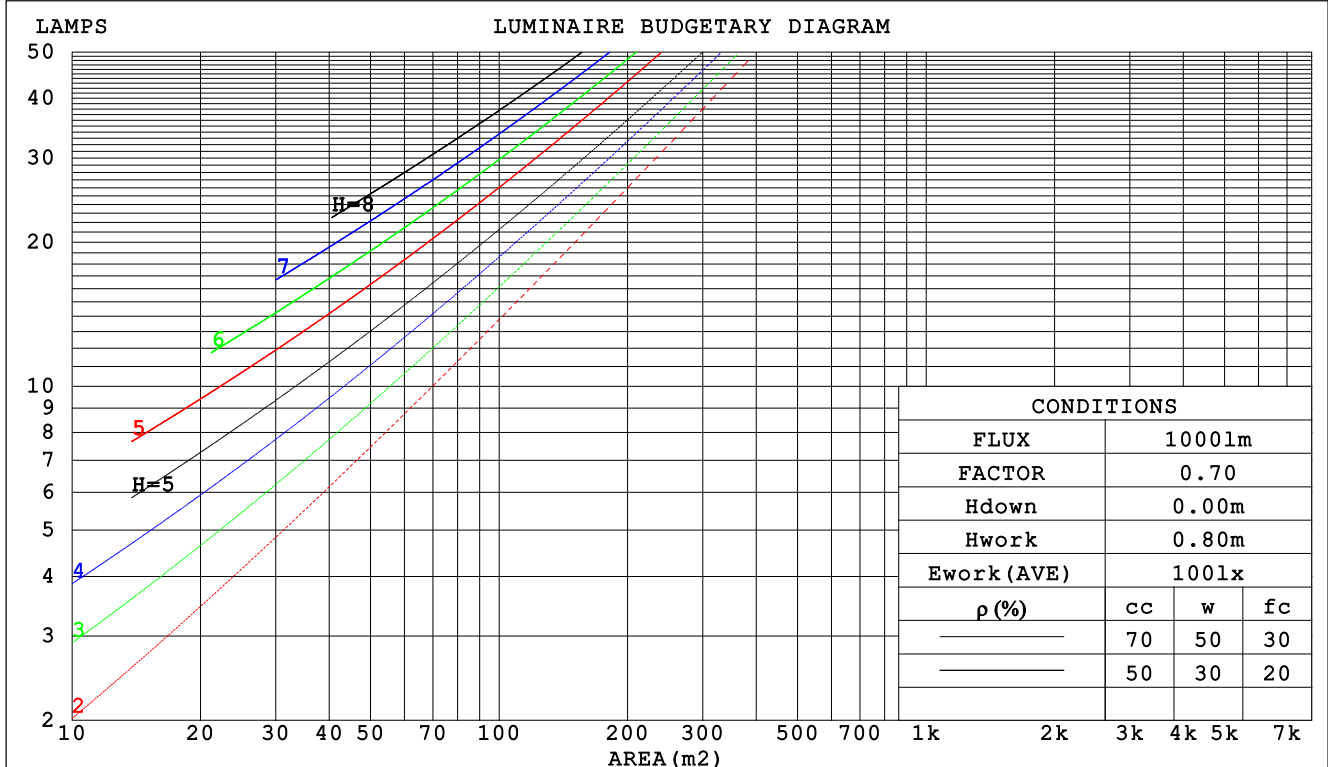
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-04

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=1.1161]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm		
NAME: 7155 2835 156LED/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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.94	.97	.93	.90	.92	.90	.87	.89	.87	.85	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.77	.74	.71	.68
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.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=1.1161]
Remarks:

WEC AND CCEC

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm								
NAME: 7155 2835 156LED/M 4000K 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	.312	.178	.056	.305	.174	.055	.291	.167	.053	.278	.160	.051	.266	.154	.050	
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.047	.263	.148	.046	.253	.143	.045	
3.0	.272	.145	.043	.266	.142	.043	.255	.138	.042	.245	.134	.041	.235	.130	.040	
4.0	.251	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.218	.118	.036	
5.0	.231	.118	.034	.227	.116	.034	.218	.114	.033	.210	.111	.033	.203	.108	.033	
6.0	.215	.108	.031	.210	.106	.031	.203	.104	.030	.195	.102	.030	.189	.099	.029	
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.182	.094	.027	.176	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.165	.085	.025	
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.077	.022	.152	.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	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.190	.166	.144	.163	.142	.124	.111	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.182	.142	.107	.156	.122	.093	.107	.084	.065	.062	.049	.038	.020	.016	.012	
3.0	.174	.124	.084	.150	.107	.073	.103	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.167	.111	.068	.143	.096	.059	.098	.067	.041	.057	.039	.025	.018	.013	.008	
5.0	.159	.100	.057	.137	.087	.049	.094	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.152	.092	.049	.131	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
7.0	.146	.085	.043	.125	.074	.037	.086	.052	.026	.050	.030	.016	.016	.010	.005	
8.0	.139	.079	.038	.120	.069	.033	.083	.048	.024	.048	.029	.014	.016	.009	.005	
9.0	.133	.074	.035	.115	.065	.030	.079	.045	.022	.046	.027	.013	.015	.009	.004	
10.0	.127	.070	.032	.110	.061	.028	.076	.043	.020	.044	.025	.012	.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=1.1161]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm										
NAME: 7155 2835 156LED/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	24.6	26.1	24.9	26.4	26.6	24.5	26.0	24.8	26.2	26.5
3H	26.1	27.5	26.4	27.7	28.0	25.9	27.3	26.2	27.6	27.8
4H	26.6	28.0	27.0	28.2	28.5	26.4	27.8	26.8	28.0	28.3
6H	27.0	28.2	27.3	28.5	28.8	26.7	28.0	27.1	28.3	28.6
8H	27.0	28.2	27.4	28.6	28.9	26.8	28.0	27.2	28.3	28.6
12H	27.1	28.2	27.4	28.5	28.9	26.8	28.0	27.2	28.3	28.6
4H 2H	25.2	26.5	25.5	26.8	27.1	25.1	26.4	25.4	26.7	27.0
3H	26.8	28.0	27.2	28.3	28.6	26.7	27.8	27.0	28.2	28.5
4H	27.5	28.5	27.9	28.9	29.2	27.3	28.4	27.7	28.7	29.1
6H	27.9	28.9	28.3	29.2	29.6	27.7	28.7	28.1	29.0	29.4
8H	28.0	28.9	28.5	29.3	29.7	27.8	28.7	28.2	29.1	29.5
12H	28.1	28.9	28.5	29.3	29.7	27.8	28.7	28.3	29.1	29.5
8H 4H	27.7	28.6	28.1	29.0	29.4	27.5	28.4	28.0	28.8	29.2
6H	28.3	29.0	28.7	29.4	29.9	28.1	28.8	28.5	29.2	29.7
8H	28.4	29.1	28.9	29.5	30.0	28.2	28.9	28.7	29.3	29.8
12H	28.6	29.1	29.1	29.6	30.1	28.3	28.9	28.8	29.3	29.9
12H 4H	27.7	28.5	28.1	28.9	29.3	27.5	28.3	28.0	28.7	29.2
6H	28.3	28.9	28.8	29.4	29.9	28.1	28.7	28.6	29.2	29.7
8H	28.5	29.1	29.0	29.5	30.0	28.3	28.9	28.8	29.3	29.8
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, 1933 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.3$)

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=1.1161]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm		
NAME: 7155 2835 156LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

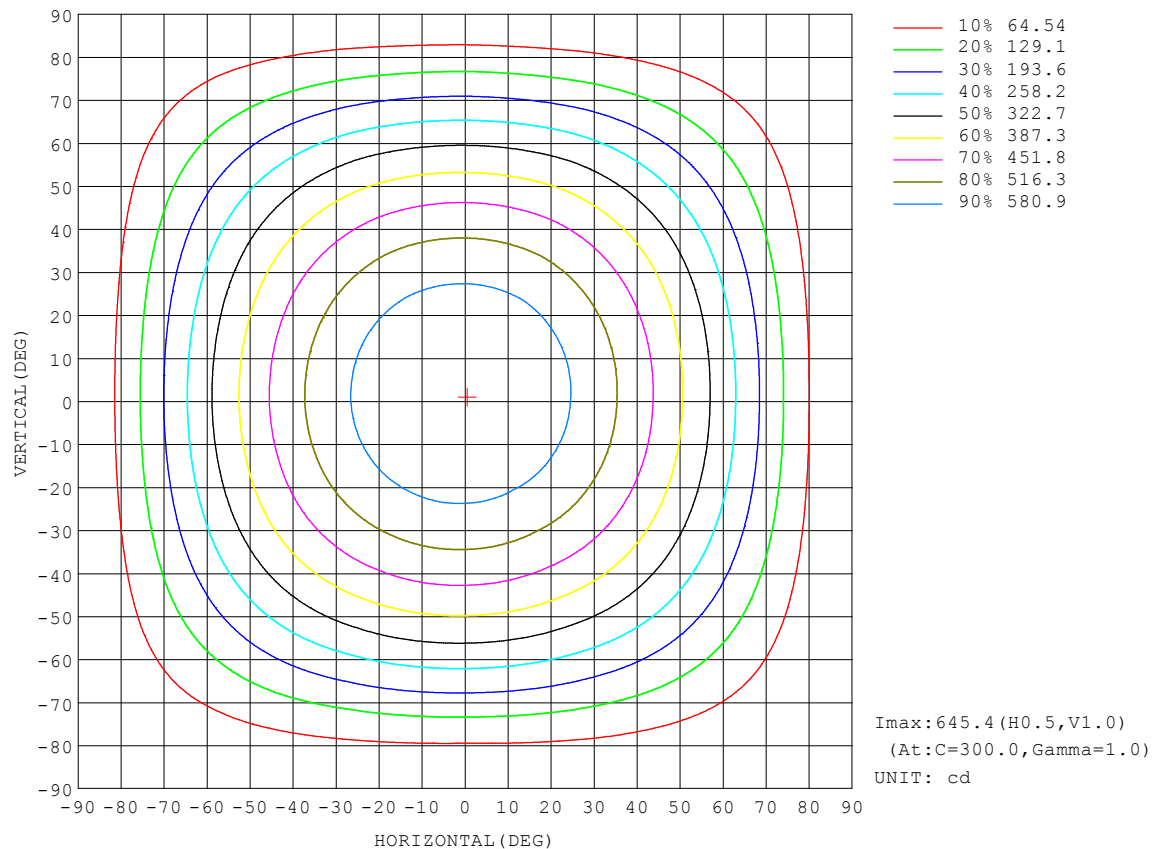
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	75	64	56	74	63	56	71	65	56	48
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	82	74	68	61
2.00	94	86	79	92	84	78	89	82	77	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	94	91	82
5.00	108	103	99	106	101	97	101	97	94	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=1.1161]
Remarks:

ISOCANDELA DIAGRAM

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm		
NAME: 7155 2835 156LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

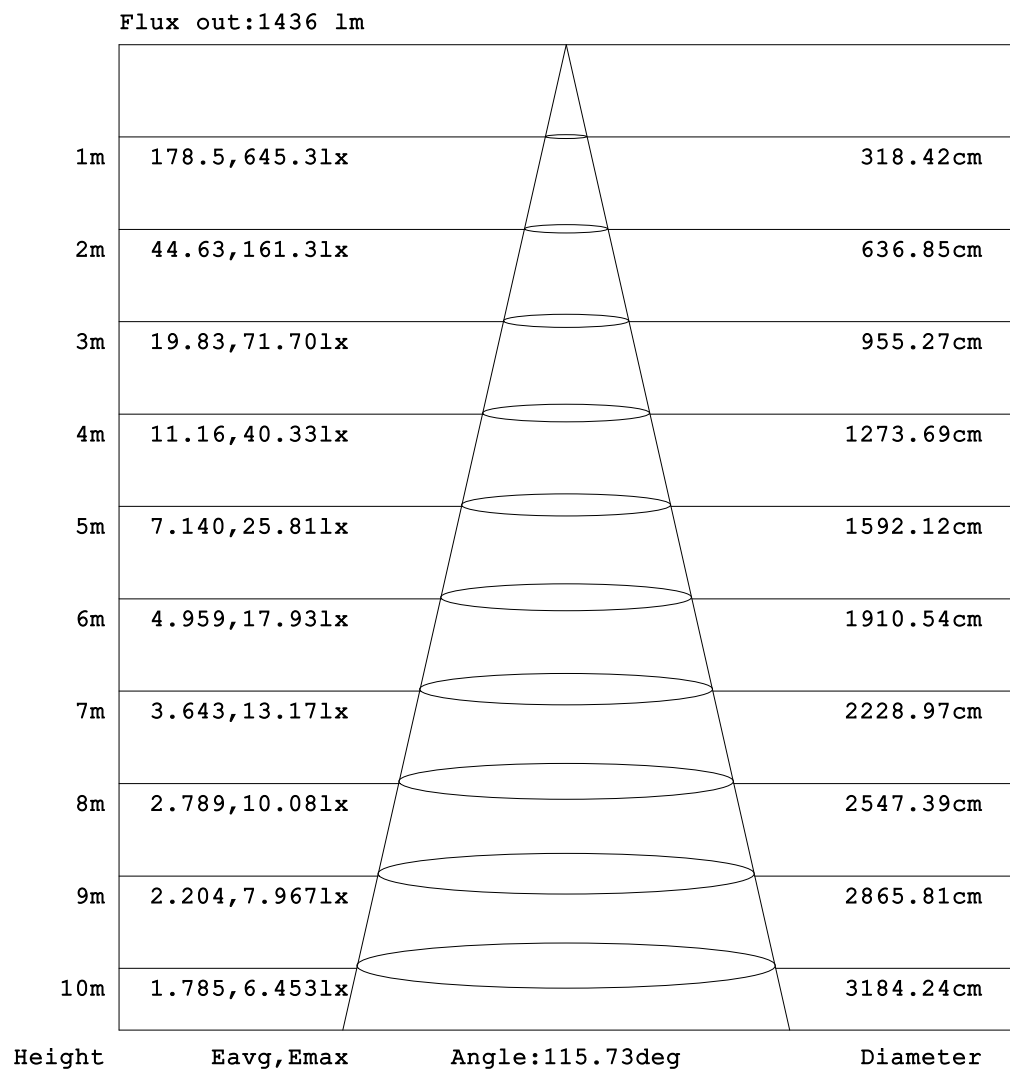


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-04

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=1.1161]
Remarks:

AAI Figure

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm		
NAME: 7155 2835 156LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



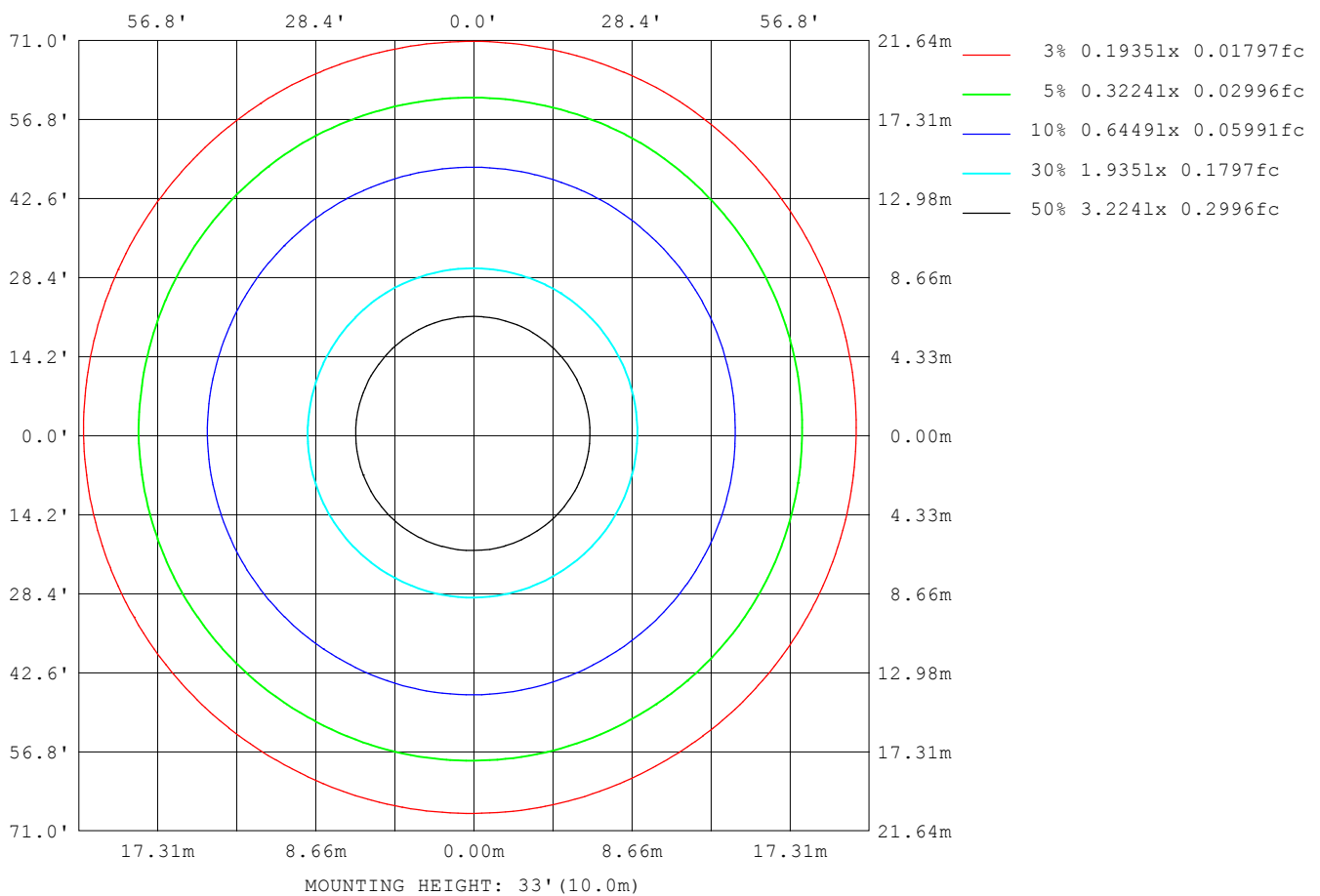
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.1161]
Remarks:

ISOLUX DIAGRAM

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm		
NAME: 7155 2835 156LED/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=1.1161]
Remarks:

LED Avg.L Report

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm		
NAME: 7155 2835 156LED/M 4000K IRC90 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

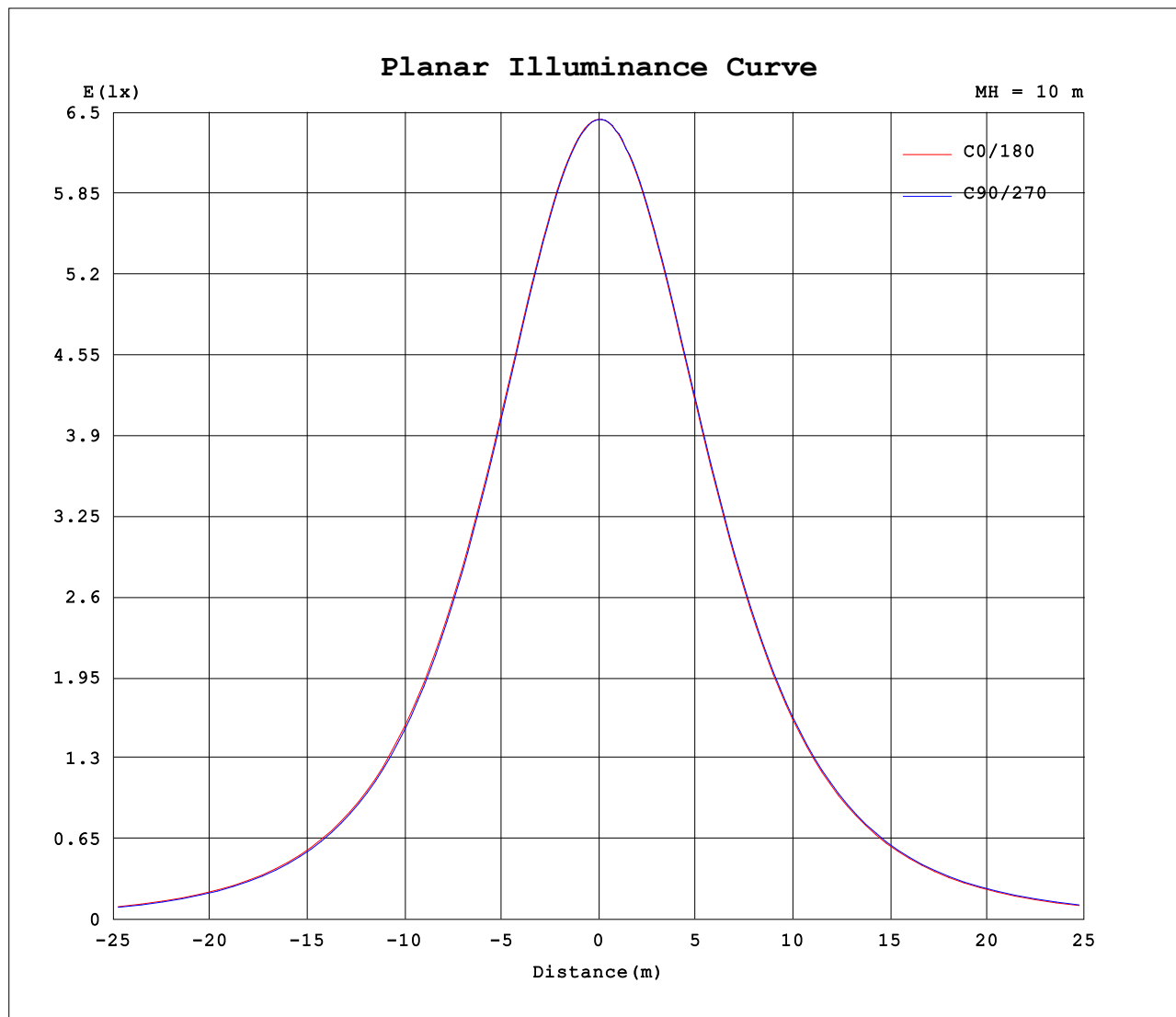
AvgL	cd/m2
L_0~180 (65) av	57839
L_0~180 (75) av	49030
L_0~180 (85) av	31955
L_90~270 (65) av	57630
L_90~270 (75) av	49895
L_90~270 (85) av	36326
L_45 (65) av	57718
L_45 (75) av	49469
L_45 (85) av	37146

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=1.1161]
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=1.1161]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.00V I:1.251A P:15.01W PF:1.000 Freq:50.00Hz Lamp Flux:1933.28x1 lm		
NAME: 7155 2835 156LED/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	645	644	644	645	645	645	645	644	644	645	645	645							
5	641	640	640	640	642	643	643	644	644	643	644	643							
10	633	631	630	631	633	635	637	638	639	639	638	635							
15	620	617	616	617	620	623	626	627	629	628	627	623							
20	601	598	596	598	601	606	610	612	613	613	611	606							
25	578	575	572	574	578	583	589	591	593	592	590	584							
30	551	546	543	546	550	556	563	566	568	567	565	557							
35	519	513	510	512	517	525	532	536	538	537	534	526							
40	482	476	472	475	479	488	497	501	504	501	499	490							
45	440	434	429	432	437	447	456	461	464	462	459	450							
50	392	388	383	386	391	402	412	417	420	418	415	405							
55	343	338	333	335	341	352	363	368	372	370	366	356							
60	290	285	280	282	286	299	310	315	320	317	314	302							
65	235	229	224	225	230	242	254	259	264	262	259	245							
70	176	172	168	168	172	183	195	201	205	204	200	188							
75	118	115	113	111	114	123	135	142	147	147	141	129							
80	64.8	64.7	63.6	59.4	63.9	69.3	79.7	86.7	92.3	93.6	86.1	74.6							
85	23.1	24.8	23.9	17.9	23.7	25.9	32.6	40.8	46.1	45.4	40.7	30.7							
90	2.89	3.50	3.26	1.18	3.71	4.25	7.77	14.5	18.0	14.5	12.4	5.46							
95	1.41	1.41	1.36	1.32	1.34	1.49	2.57	8.56	11.4	1.41	6.21	2.00							
100	1.55	1.67	1.63	1.67	1.59	1.49	1.82	5.71	8.31	1.72	4.25	1.82							
105	1.86	1.91	1.98	2.05	1.95	1.81	2.02	4.01	6.11	2.09	3.42	2.13							
110	2.20	2.27	2.36	2.48	2.32	2.18	2.41	3.47	4.77	2.52	3.25	2.50							
115	2.63	2.63	2.72	2.87	2.71	2.58	2.81	3.24	2.85	2.90	2.89	2.87							
120	3.00	3.01	3.08	3.26	3.06	2.96	3.22	3.24	3.96	3.32	3.33	3.30							
125	3.38	3.39	3.51	3.62	3.43	3.33	3.66	3.63	3.58	3.75	3.68	3.67							
130	3.74	3.76	3.81	3.98	3.78	3.70	3.97	3.92	3.94	4.07	4.00	4.05							
135	4.12	4.09	4.20	4.33	4.16	4.06	4.36	4.30	4.29	4.35	4.37	4.39							
140	4.46	4.47	4.49	4.64	4.47	4.41	4.67	4.60	4.60	4.67	4.65	4.66							
145	4.74	4.77	4.83	4.92	4.82	4.75	4.94	4.84	4.88	4.93	4.91	5.00							
150	5.04	5.06	5.04	5.20	5.08	5.04	5.17	5.11	5.17	5.21	5.14	5.20							
155	5.30	5.32	5.33	5.41	5.37	5.31	5.40	5.39	5.40	5.39	5.39	5.41							
160	5.56	5.56	5.55	5.67	5.58	5.54	5.65	5.56	5.63	5.62	5.55	5.58							
165	5.81	5.78	5.75	5.90	5.83	5.74	5.89	5.80	5.89	5.84	5.75	5.78							
170	6.08	5.98	5.95	6.09	6.07	6.00	6.08	5.94	6.07	6.09	5.95	5.98							
175	6.27	6.14	6.14	6.25	6.17	6.18	6.27	6.14	6.17	6.23	6.17	6.13							
180	6.39	6.27	6.28	6.31	6.28	6.28	6.37	6.27	6.27	6.31	6.30	6.27							

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=1.1161]
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	644.9	644.2	644.2	644.7	645.3	644.9	644.9	644.2	644.2	644.7
3.0	643.4	642.4	642.1	642.7	643.7	644.1	644.7	644.5	644.7	644.9
6.0	640.1	638.8	638.2	639.1	640.4	641.4	642.6	642.9	643.3	643.5
9.0	635.0	633.4	632.5	633.6	635.2	637.0	638.9	639.5	640.3	640.1
12.0	628.2	626.2	625.0	626.3	628.3	630.8	633.4	634.4	635.4	635.0
15.0	619.6	617.2	615.8	617.2	619.7	622.8	626.0	627.4	628.7	628.2
18.0	609.2	606.4	604.7	606.4	609.2	613.0	616.8	618.7	620.1	619.4
21.0	597.1	593.9	592.0	593.8	597.0	601.5	605.9	608.2	609.8	608.9
24.0	583.4	579.7	577.6	579.4	583.0	588.2	593.2	595.8	597.7	596.6
27.0	567.9	563.9	561.3	563.3	567.1	573.2	578.7	581.8	583.9	582.5
30.0	550.8	546.4	543.4	545.7	549.7	556.5	562.6	565.9	568.4	566.6
33.0	531.9	527.3	523.9	526.4	530.5	538.2	544.7	548.3	550.7	549.2
36.0	511.4	506.3	502.5	505.2	509.6	517.9	525.2	529.0	531.5	529.9
39.0	489.4	483.9	479.8	482.7	487.2	496.1	504.1	507.9	510.8	508.9
42.0	465.7	459.8	455.3	458.3	462.9	472.6	480.8	485.0	488.2	486.0
45.0	440.4	434.2	429.3	432.3	437.0	447.4	456.3	460.6	463.8	461.7
48.0	411.3	406.9	402.1	404.9	409.9	420.7	430.0	434.6	438.1	435.8
51.0	382.7	378.4	372.9	375.9	380.8	392.3	402.4	407.1	410.6	408.5
54.0	353.3	348.4	343.3	345.7	350.9	362.5	373.7	377.9	382.2	379.4
57.0	322.3	317.1	312.2	314.2	319.3	331.3	342.5	347.1	351.6	348.9
60.0	289.9	284.6	279.7	281.6	286.4	298.5	309.8	315.3	319.8	317.4
63.0	257.4	251.1	246.9	249.9	252.8	264.5	276.3	282.2	287.0	284.6
66.0	223.2	217.8	213.0	213.9	218.2	230.0	241.7	247.8	252.8	250.6
69.0	187.2	183.7	179.0	179.6	183.2	194.4	206.7	212.6	217.2	215.8
72.0	152.2	148.6	145.1	145.2	148.0	158.6	170.6	177.2	181.6	180.9
75.0	118.3	115.4	112.7	111.1	114.3	123.5	135.5	141.8	146.8	147.2
78.0	85.17	84.42	82.36	79.20	82.95	90.10	101.2	107.7	113.2	114.7
81.0	55.30	56.21	54.58	50.06	54.73	59.57	69.30	76.64	81.99	83.11
84.0	30.15	31.49	30.83	24.95	30.62	33.11	41.07	48.87	54.12	53.91
87.0	11.75	12.91	12.51	7.678	12.43	13.62	19.16	26.77	31.44	30.49
90.0	2.891	3.501	3.264	1.181	3.712	4.254	7.766	14.50	18.04	14.51
93.0	1.340	1.518	1.610	1.193	1.714	1.687	3.594	10.05	13.03	1.237
96.0	1.440	1.565	1.395	1.362	1.350	1.474	2.327	7.895	10.59	1.474
99.0	1.496	1.632	1.563	1.576	1.507	1.452	1.868	6.216	8.806	1.609
102.0	1.631	1.722	1.766	1.801	1.732	1.599	1.868	4.876	7.309	1.834
105.0	1.856	1.914	1.980	2.049	1.946	1.812	2.015	4.008	6.106	2.093
108.0	2.081	2.116	2.205	2.296	2.171	2.027	2.263	3.624	5.185	2.340
111.0	2.306	2.330	2.463	2.555	2.407	2.251	2.499	3.410	2.499	2.599
114.0	2.520	2.544	2.678	2.769	2.655	2.477	2.724	3.253	2.747	2.846
117.0	2.767	2.780	2.869	3.028	2.857	2.702	2.972	3.196	4.096	3.072
120.0	3.004	3.005	3.083	3.264	3.060	2.960	3.220	3.241	3.961	3.319
123.0	3.229	3.242	3.330	3.489	3.274	3.163	3.456	3.432	3.522	3.578
126.0	3.432	3.433	3.634	3.681	3.555	3.399	3.692	3.635	3.658	3.781
129.0	3.645	3.692	3.758	3.906	3.735	3.624	3.906	3.848	3.883	4.016
132.0	3.904	3.905	3.961	4.153	3.927	3.849	4.153	4.084	4.086	4.152
135.0	4.118	4.086	4.197	4.333	4.163	4.063	4.356	4.298	4.289	4.355
138.0	4.298	4.333	4.399	4.524	4.354	4.288	4.581	4.467	4.491	4.535
141.0	4.501	4.502	4.568	4.738	4.534	4.480	4.727	4.658	4.660	4.704
144.0	4.681	4.705	4.726	4.884	4.781	4.671	4.874	4.816	4.840	4.884
147.0	4.872	4.907	4.906	5.031	4.906	4.851	5.042	4.973	5.008	5.019
150.0	5.041	5.065	5.042	5.200	5.075	5.042	5.166	5.109	5.166	5.210
153.0	5.188	5.222	5.199	5.335	5.233	5.200	5.312	5.255	5.301	5.267
156.0	5.356	5.380	5.379	5.470	5.390	5.357	5.458	5.402	5.470	5.413
159.0	5.524	5.526	5.469	5.638	5.570	5.492	5.594	5.548	5.582	5.582
162.0	5.660	5.695	5.593	5.751	5.682	5.627	5.740	5.649	5.751	5.795
165.0	5.806	5.785	5.750	5.897	5.829	5.740	5.886	5.795	5.886	5.840
168.0	5.975	5.897	5.930	6.032	5.953	5.909	5.998	5.897	5.965	5.953
171.0	6.133	6.055	5.987	6.145	6.099	6.021	6.134	5.975	6.089	6.122
174.0	6.245	6.122	6.144	6.223	6.155	6.123	6.257	6.144	6.167	6.167
177.0	6.313	6.223	6.257	6.302	6.245	6.224	6.325	6.223	6.235	6.290
180.0	6.392	6.268	6.280	6.313	6.280	6.280	6.370	6.268	6.268	6.313
G/C	300.0	330.0								
0.0	645.3	644.9								
3.0	645.2	644.1								
6.0	643.4	641.6								
9.0	639.8	637.2								
12.0	634.4	631.1								
15.0	627.2	623.2								
18.0	618.2	613.5								
21.0	607.4	602.0								
24.0	594.8	588.9								
27.0	580.5	574.1								
30.0	564.6	557.5								

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=1.1161]
Remarks:

Photometric Data Table [cd]

33.0	546.9	539.2
36.0	527.4	519.4
39.0	506.3	497.7
42.0	483.5	474.3
45.0	459.3	449.6
48.0	433.1	423.2
51.0	405.6	395.4
54.0	376.7	366.0
57.0	346.0	334.9
60.0	314.2	301.6
63.0	281.0	268.0
66.0	246.8	233.8
69.0	212.1	199.1
72.0	176.1	163.7
75.0	141.2	128.7
78.0	107.2	95.56
81.0	76.20	65.03
84.0	48.45	38.35
87.0	26.35	17.54
90.0	12.43	5.459
93.0	7.465	2.220
96.0	5.723	1.959
99.0	4.577	1.868
102.0	3.756	1.979
105.0	3.421	2.127
108.0	3.264	2.329
111.0	2.678	2.576
114.0	2.814	2.835
117.0	3.196	3.027
120.0	3.332	3.297
123.0	3.557	3.566
126.0	3.748	3.758
129.0	3.928	3.938
132.0	4.120	4.175
135.0	4.367	4.388
138.0	4.525	4.568
141.0	4.705	4.759
144.0	4.873	4.906
147.0	5.020	5.086
150.0	5.144	5.199
153.0	5.312	5.356
156.0	5.425	5.446
159.0	5.504	5.559
162.0	5.649	5.694
165.0	5.751	5.784
168.0	5.875	5.908
171.0	5.999	6.032
174.0	6.156	6.111
177.0	6.190	6.189
180.0	6.302	6.268

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=1.1161]
Remarks: