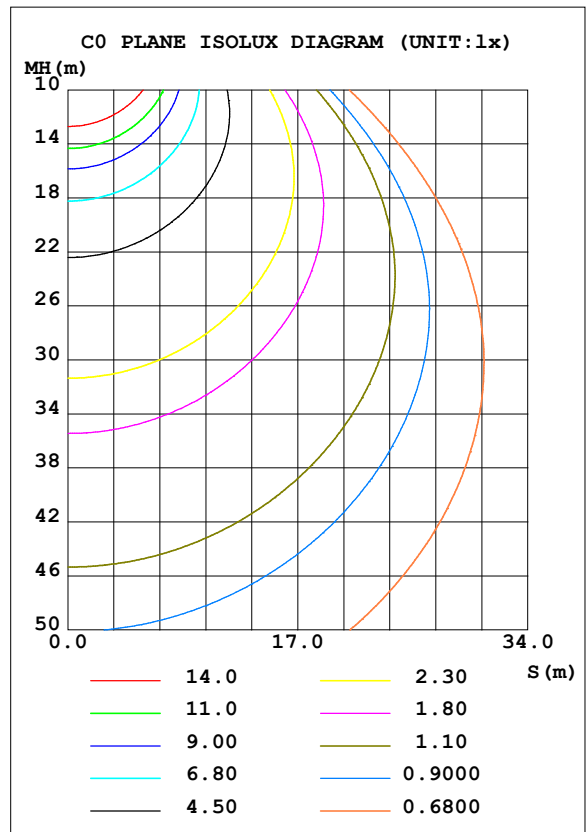
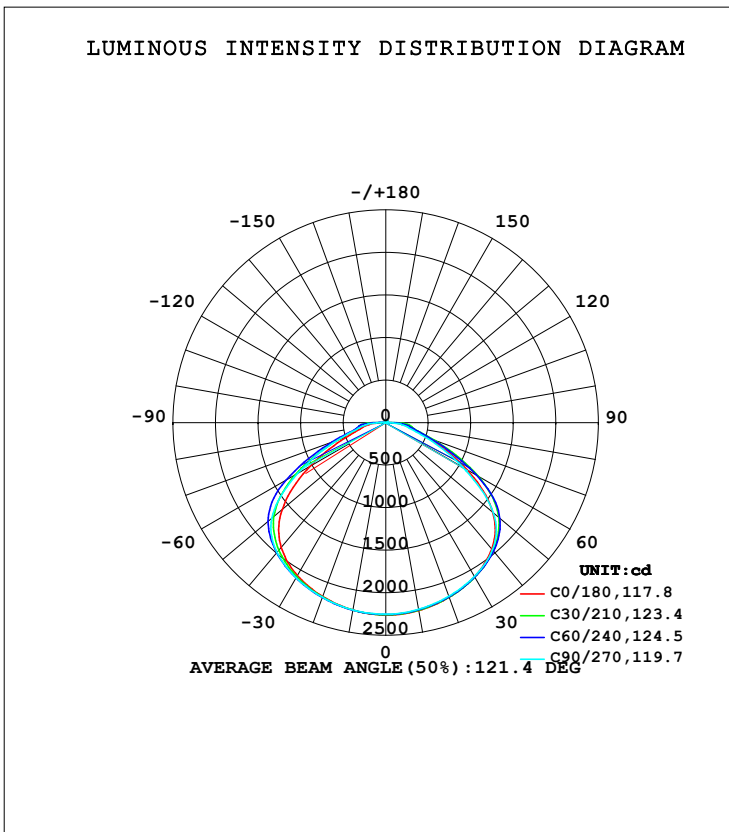


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 157.34 lm/W			
MODEL		I _{max} (cd)	2261	S/MH (C0/180)	1.37
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.41
RATED VOLTAGE (V)	48	TOTAL FLUX (lm)	7516.9	η UP, DN (C0-180)	0.7, 48.3
NOMINAL FLUX (lm)	7516.86	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 50.2
LAMPS INSIDE	1	η up (%)	1.5	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	98.5	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-16

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=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2242	2235	2227	2225	2236	2237	2235	2235	0- 10	214.2	214.2	2.85,2.85
20	2183	2180	2171	2167	2174	2183	2184	2184	10- 20	625.2	839.4	11.2,11.2
30	2089	2095	2086	2079	2076	2101	2107	2105	20- 30	988.6	1828	24.3,24.3
40	1939	1968	1951	1945	1913	1976	1989	1985	30- 40	1275	3103	41.3,41.3
50	1641	1741	1652	1704	1589	1762	1751	1787	40- 50	1434	4537	60.4,60.4
60	1097	1238	1043	1172	1025	1292	1194	1357	50- 60	1331	5868	78.1,78.1
70	537.7	598.2	481.9	545.3	479.2	642.0	606.6	682.3	60- 70	875.2	6743	89.7,89.7
80	258.4	301.8	243.0	289.0	254.2	331.0	300.5	324.9	70- 80	430.6	7174	95.4,95.4
90	16.70	98.41	54.59	80.99	7.906	126.6	82.87	156.8	80- 90	229.1	7403	98.5,98.5
100	5.527	6.475	10.57	7.169	7.041	7.110	10.50	7.034	90-100	35.72	7439	99,99
110	8.661	9.228	9.968	9.974	10.56	10.13	9.953	9.948	100-110	8.757	7448	99.1,99.1
120	11.88	12.18	13.26	12.98	14.03	13.19	13.32	13.21	110-120	11.29	7459	99.2,99.2
130	14.97	14.71	15.92	15.56	17.18	16.12	16.71	16.75	120-130	12.95	7472	99.4,99.4
140	17.57	17.10	18.39	18.03	19.91	19.19	19.69	19.27	130-140	13.35	7485	99.6,99.6
150	20.44	20.23	21.05	21.03	21.88	21.30	21.69	21.23	140-150	12.45	7498	99.7,99.7
160	22.53	22.55	22.93	22.87	23.52	22.62	22.80	22.82	150-160	10.13	7508	99.9,99.9
170	24.89	24.79	24.96	24.95	25.31	25.01	24.56	24.41	160-170	6.717	7514	100,100
180	24.68	24.07	24.59	24.23	24.72	24.06	24.57	24.26	170-180	2.408	7517	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3812 lm

%lum = 50.7%

%lamp = 50.7%

Conical surface Flux(120deg): 5868.1 lm

%lum = 78.1%

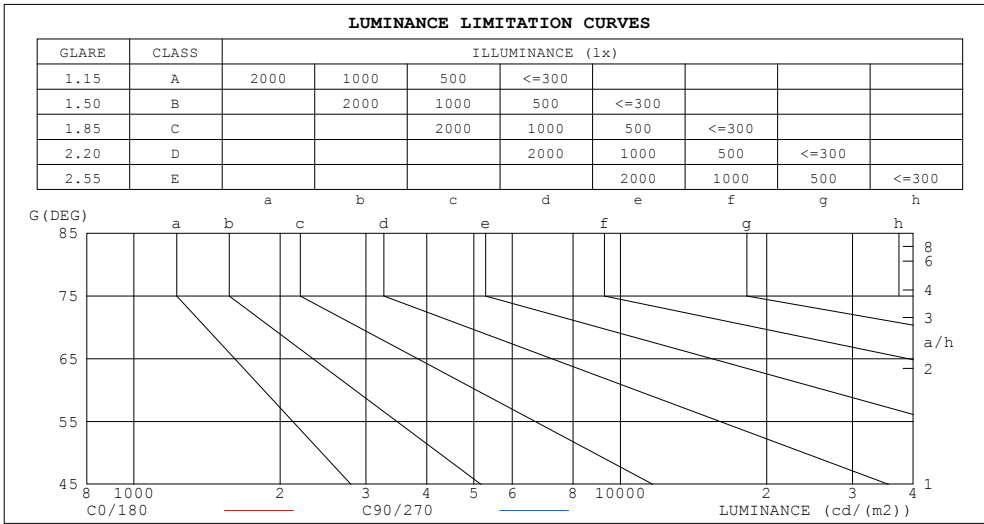
%lamp = 78.1%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-16

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=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	165389	149047
80	134793	126743
75	126499	111560
70	142413	127633
65	170947	159506
60	198808	188871
55	220685	216416
50	231273	232841
45	232970	235316

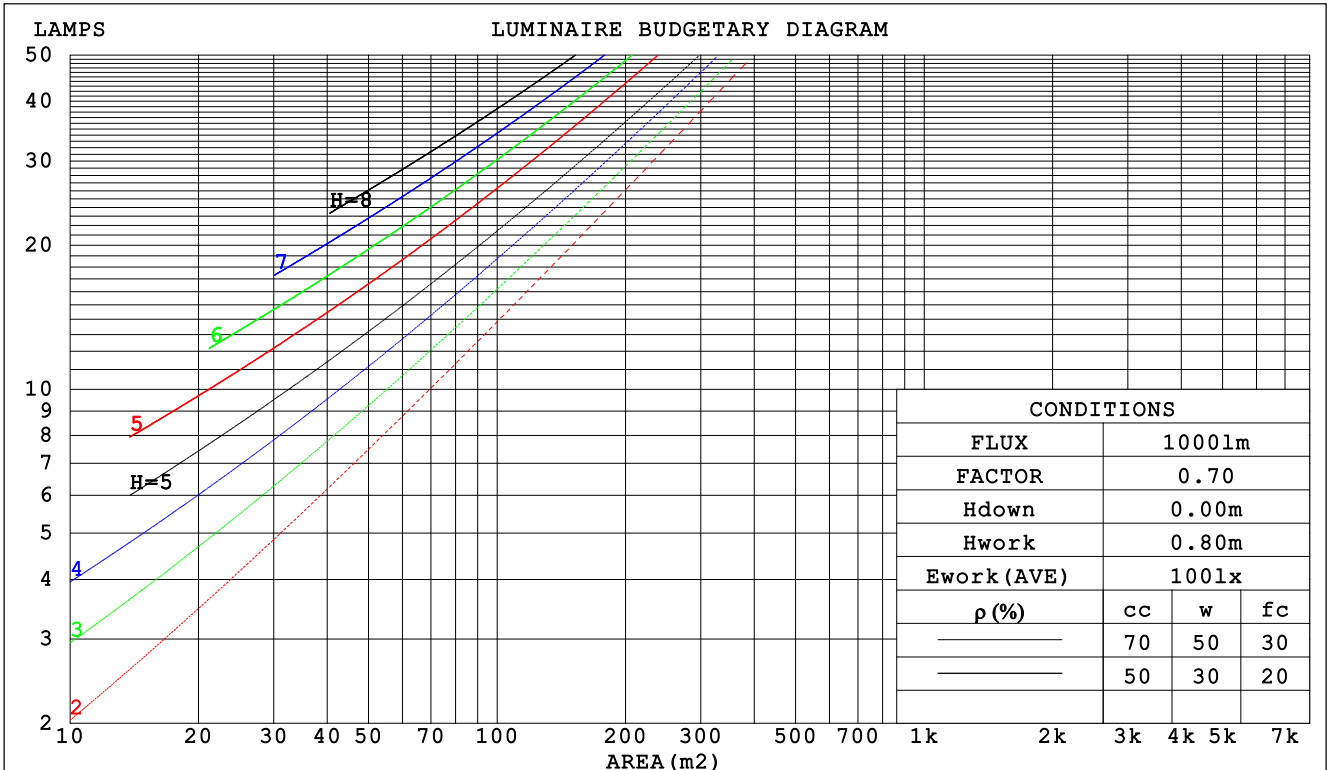
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-16

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=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	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															
	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	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.78	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.62	.52	.46	.60	.52	.45	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.50	.44	.38	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.42	.35	.30	.40	.34	.30	.28
9.0	.41	.33	.27	.41	.33	.27	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-16

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=1.0000]
 Remarks:

WEC AND CCEC

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	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	.318	.181	.057	.311	.177	.056	.297	.170	.054	.284	.164	.053	.272	.158	.051	
2.0	.296	.162	.050	.289	.159	.049	.277	.154	.048	.265	.149	.047	.255	.144	.045	
3.0	.273	.145	.044	.267	.143	.043	.256	.139	.042	.246	.135	.041	.236	.131	.040	
4.0	.252	.131	.039	.247	.129	.038	.237	.126	.038	.228	.122	.037	.219	.119	.036	
5.0	.233	.119	.034	.229	.117	.034	.220	.114	.034	.211	.112	.033	.204	.109	.033	
6.0	.216	.108	.031	.212	.107	.031	.204	.105	.030	.197	.102	.030	.190	.100	.030	
7.0	.201	.100	.028	.198	.098	.028	.191	.096	.028	.184	.094	.027	.178	.092	.027	
8.0	.188	.092	.026	.185	.091	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.176	.085	.024	.173	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023	
10.0	.166	.079	.022	.163	.079	.022	.158	.077	.022	.153	.076	.022	.148	.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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.193	.168	.145	.165	.144	.125	.113	.099	.086	.065	.057	.050	.021	.018	.016	
2.0	.185	.144	.109	.158	.124	.094	.108	.086	.066	.062	.050	.039	.020	.016	.013	
3.0	.177	.126	.086	.152	.109	.074	.104	.076	.052	.060	.044	.031	.019	.014	.010	
4.0	.169	.113	.070	.145	.098	.061	.100	.068	.043	.058	.040	.025	.019	.013	.008	
5.0	.162	.103	.059	.139	.089	.051	.096	.062	.036	.056	.036	.021	.018	.012	.007	
6.0	.155	.094	.051	.133	.082	.044	.092	.057	.031	.053	.034	.019	.017	.011	.006	
7.0	.148	.087	.045	.128	.076	.039	.088	.053	.028	.051	.031	.016	.017	.010	.005	
8.0	.142	.082	.040	.122	.071	.035	.084	.050	.025	.049	.029	.015	.016	.010	.005	
9.0	.136	.077	.037	.117	.067	.032	.081	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.130	.073	.034	.112	.063	.030	.078	.044	.021	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-16

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=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm										
NAME: 223X49.5-16LED					TYPE:48V-48W-1.05A			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	24.8	26.3	25.1	26.5	26.8	24.7	26.2	25.0	26.4	26.7
3H	25.7	27.1	26.1	27.4	27.7	25.5	26.9	25.8	27.2	27.5
4H	26.1	27.4	26.4	27.7	28.0	25.8	27.1	26.1	27.4	27.7
6H	26.4	27.6	26.7	27.9	28.2	26.1	27.3	26.4	27.6	27.9
8H	26.5	27.8	26.9	28.1	28.4	26.2	27.4	26.6	27.7	28.1
12H	26.7	27.9	27.1	28.2	28.5	26.4	27.5	26.7	27.8	28.2
4H 2H	25.3	26.6	25.6	26.9	27.2	25.2	26.5	25.5	26.8	27.1
3H	26.4	27.6	26.8	27.9	28.3	26.2	27.4	26.6	27.7	28.1
4H	26.9	27.9	27.3	28.3	28.6	26.6	27.7	27.0	28.0	28.4
6H	27.3	28.3	27.8	28.7	29.1	27.1	28.0	27.5	28.4	28.8
8H	27.6	28.5	28.0	28.9	29.3	27.3	28.2	27.7	28.5	29.0
12H	27.9	28.7	28.3	29.1	29.5	27.5	28.3	27.9	28.7	29.2
8H 4H	27.0	27.9	27.5	28.3	28.7	26.8	27.7	27.3	28.1	28.5
6H	27.7	28.5	28.2	28.9	29.4	27.5	28.2	27.9	28.6	29.1
8H	28.2	28.8	28.7	29.3	29.8	27.8	28.5	28.3	28.9	29.4
12H	28.7	29.2	29.2	29.7	30.2	28.2	28.8	28.7	29.3	29.8
12H 4H	27.1	27.9	27.5	28.3	28.7	26.9	27.7	27.3	28.1	28.5
6H	27.9	28.5	28.3	29.0	29.4	27.6	28.2	28.1	28.7	29.2
8H	28.4	29.0	28.9	29.4	29.9	28.0	28.6	28.5	29.1	29.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.4 / - 0.6					+ 0.4 / - 0.6				
2.0H	+ 0.2 / - 0.5					+ 0.3 / - 0.6				

CIE Pub.117, 7517 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 7.0)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-16

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=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

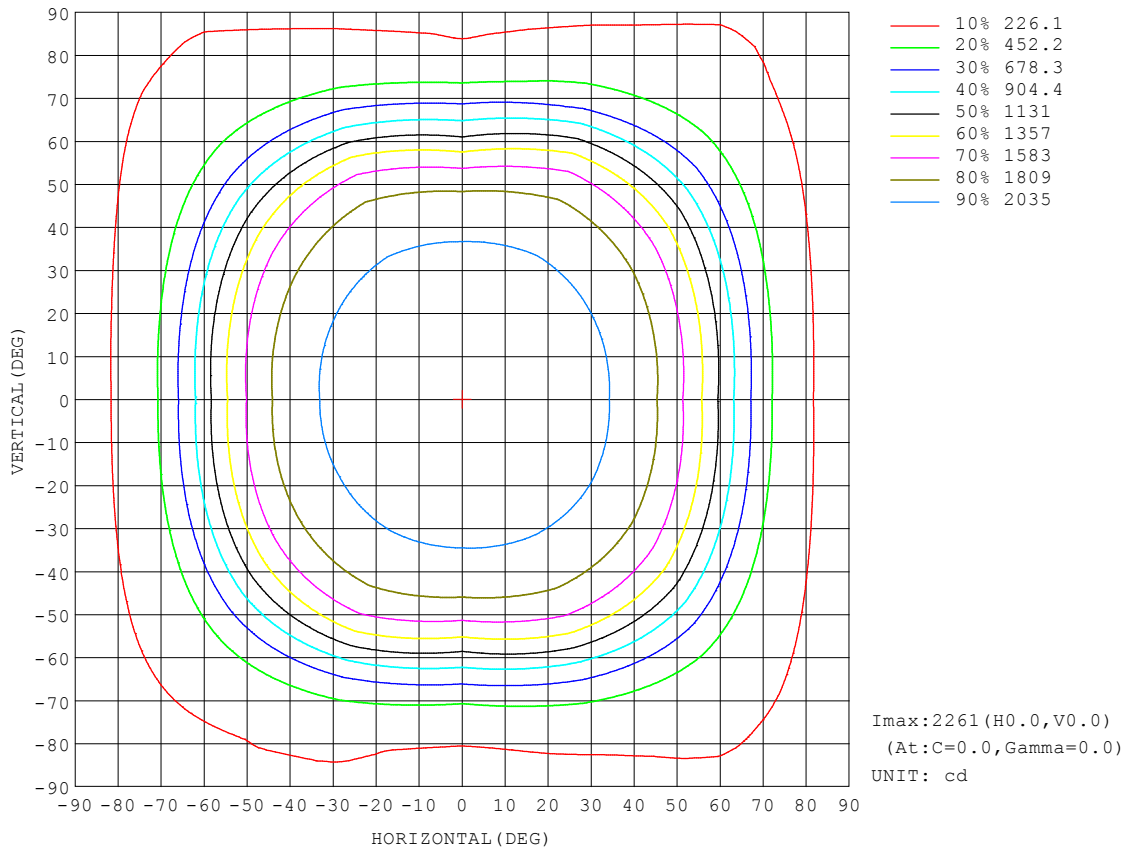
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	43	36	54	43	36	53	42	36	29
0.80	66	53	46	64	53	46	62	52	45	38
1.00	74	63	55	73	62	55	71	64	55	47
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	81	76	68
2.50	98	90	84	96	88	83	92	85	81	72
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	103	98	105	100	97	100	97	93	84
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:2024-01-16

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=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

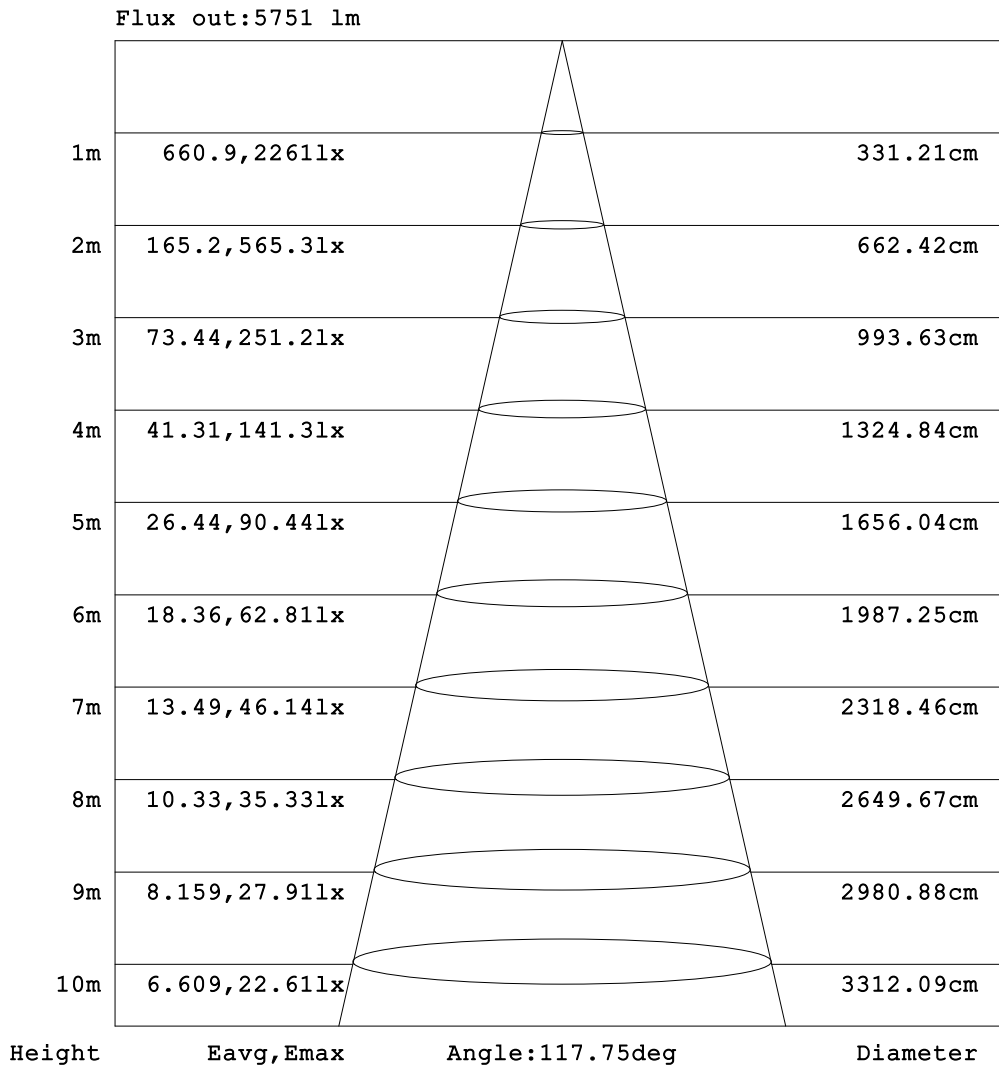


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-16

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=1.0000]
 Remarks:

AAI Figure

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



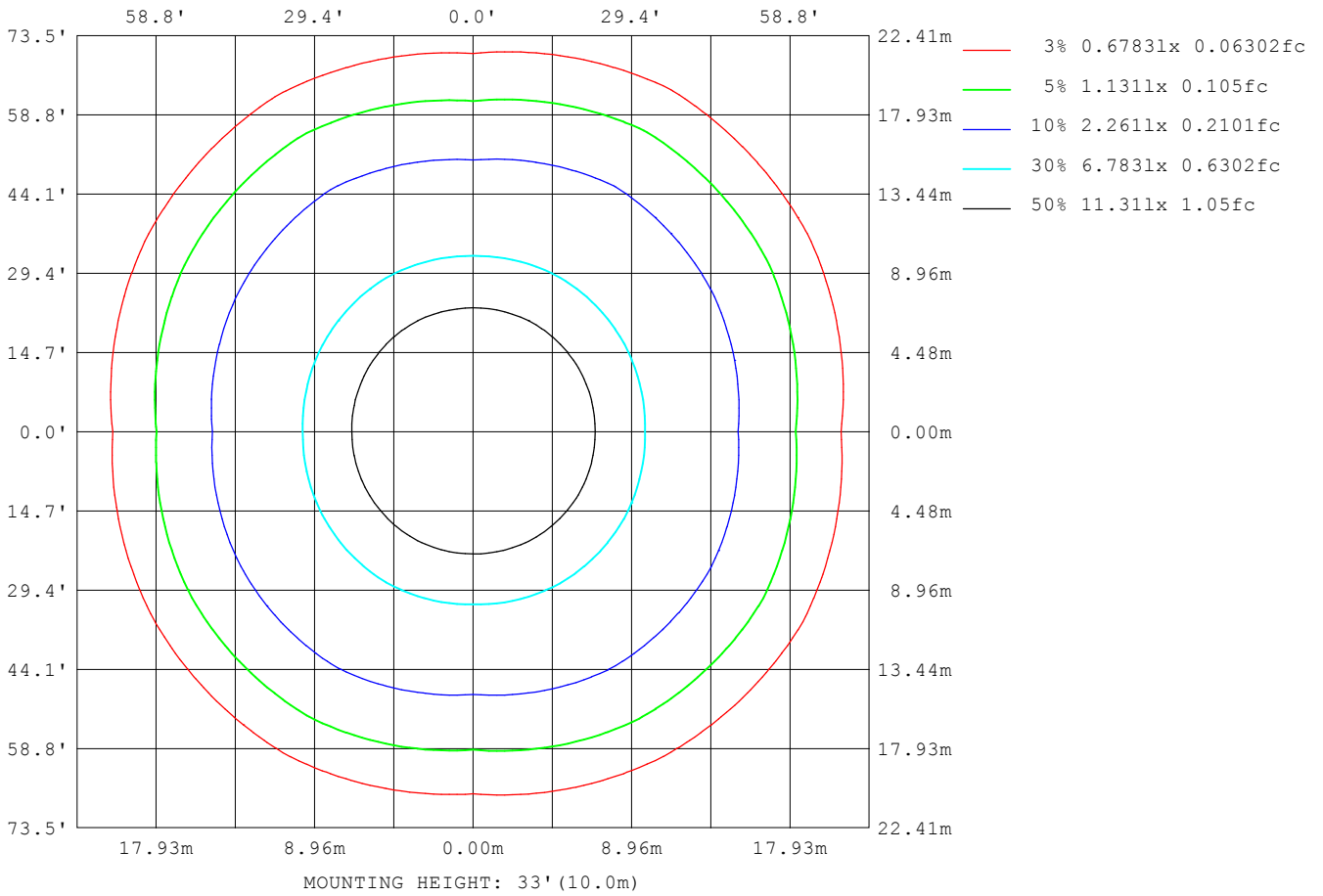
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-16

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=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	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:2024-01-16

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=1.0000]
 Remarks:

LED Avg.L Report

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

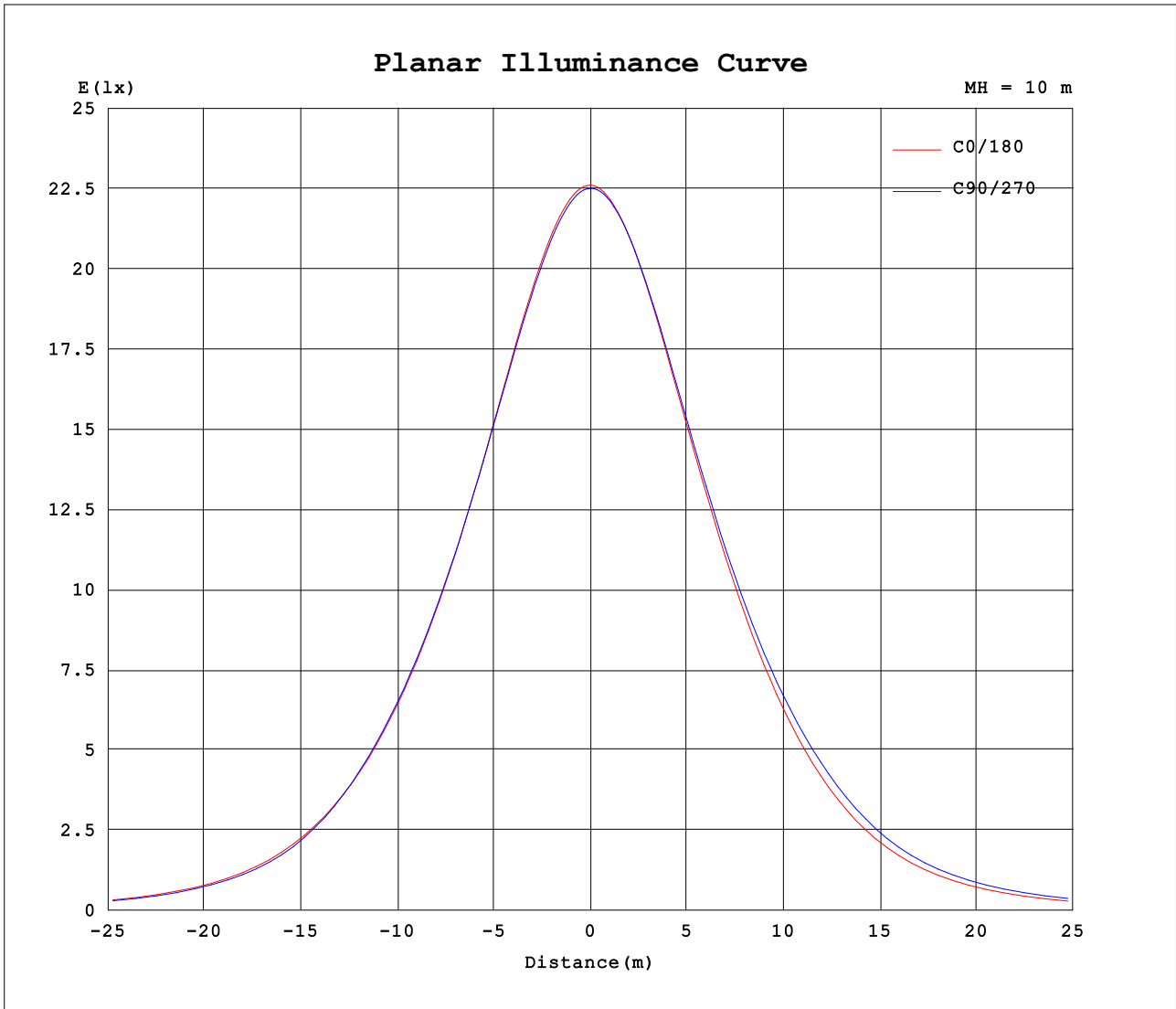
AvgL	cd/m2
L_0~180 (65) av	163724
L_0~180 (75) av	121094
L_0~180 (85) av	170774
L_90~270 (65) av	175069
L_90~270 (75) av	126225
L_90~270 (85) av	182735
L_45 (65) av	201754
L_45 (75) av	145882
L_45 (85) av	271694

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-16

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=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-16

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=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:45.50V I:1.050A P:47.78W PF:1.000 Freq:49.98Hz Lamp Flux:7516.86x1 lm		
NAME: 223X49.5-16LED	TYPE:48V-48W-1.05A	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	2261	2258	2256	2252	2251	2251	2261	2258	2256	2252	2251	2251						
5	2257	2254	2249	2244	2243	2243	2254	2253	2252	2248	2248	2247						
10	2242	2238	2232	2227	2225	2225	2236	2237	2238	2235	2236	2234						
15	2217	2214	2208	2202	2200	2199	2209	2212	2216	2213	2215	2211						
20	2183	2183	2178	2171	2168	2165	2174	2179	2187	2184	2186	2181						
25	2141	2144	2140	2133	2130	2125	2130	2139	2152	2149	2152	2143						
30	2089	2096	2095	2086	2084	2074	2076	2092	2109	2107	2111	2098						
35	2024	2038	2040	2029	2028	2012	2006	2031	2058	2055	2061	2041						
40	1939	1965	1972	1951	1958	1933	1913	1956	1995	1989	1999	1971						
45	1819	1868	1882	1837	1866	1827	1782	1855	1916	1897	1922	1880						
50	1641	1732	1750	1652	1731	1676	1589	1718	1807	1751	1820	1754						
55	1397	1533	1545	1370	1523	1450	1329	1512	1636	1509	1664	1569						
60	1097	1251	1225	1043	1193	1151	1025	1229	1355	1194	1406	1309						
65	798	916	873	744	842	816	730	900	1000	889	1061	988						
70	538	613	584	482	556	535	479	605	679	607	690	675						
75	361	401	386	319	368	359	331	403	440	403	477	445						
80	258	314	289	243	290	288	254	326	336	300	352	298						
85	159	255	198	143	233	189	169	286	287	208	287	274						
90	16.7	103	94.2	54.6	84.4	77.6	7.91	141	112	82.9	150	164						
95	4.39	18.8	34.0	30.0	23.8	7.17	5.63	11.4	45.0	52.8	40.8	9.78						
100	5.53	6.13	6.82	10.6	7.42	6.92	7.04	7.07	7.15	10.5	7.19	6.88						
105	7.05	7.47	7.99	8.28	8.71	8.30	8.74	8.57	8.49	8.37	8.48	8.36						
110	8.66	8.93	9.53	9.97	10.1	9.81	10.6	10.2	10.0	9.95	9.95	9.94						
115	10.3	10.4	11.0	11.6	11.6	11.4	12.4	11.8	11.6	11.6	11.6	11.6						
120	11.9	11.9	12.4	13.3	13.0	12.9	14.0	13.3	13.1	13.3	13.2	13.2						
125	13.5	13.3	13.8	14.7	14.4	14.4	15.6	14.8	14.5	15.1	14.7	15.0						
130	15.0	14.4	15.0	15.9	15.6	15.5	17.2	16.2	16.0	16.7	16.4	17.1						
135	16.2	15.4	16.1	17.1	16.7	16.6	18.8	17.8	17.8	18.5	18.1	18.6						
140	17.6	16.7	17.5	18.4	18.1	17.9	19.9	19.0	19.4	19.7	19.3	19.2						
145	19.1	18.4	19.2	19.8	19.8	19.5	20.9	20.0	20.7	20.9	20.4	20.2						
150	20.4	20.0	20.4	21.1	21.1	21.0	21.9	20.9	21.7	21.7	21.3	21.1						
155	21.5	21.4	21.4	22.0	22.2	22.0	22.7	21.7	22.0	22.4	22.0	22.0						
160	22.5	22.7	22.4	22.9	23.1	22.6	23.5	22.4	22.8	22.8	22.7	22.9						
165	23.7	24.0	23.4	23.7	24.0	23.8	24.5	24.0	23.7	23.6	23.5	23.7						
170	24.9	25.0	24.6	25.0	25.0	24.9	25.3	24.9	25.1	24.6	24.3	24.5						
175	25.6	25.8	25.7	26.0	26.1	26.0	25.9	25.3	25.3	25.5	25.0	24.9						
180	24.7	24.2	24.0	24.6	24.3	24.2	24.7	24.1	24.0	24.6	24.3	24.2						

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-16

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=1.0000]
 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	2261	2258	2256	2252	2251	2251	2261	2258	2256	2252
3.0	2260	2257	2253	2248	2247	2247	2258	2257	2255	2250
6.0	2255	2251	2246	2242	2240	2240	2251	2250	2250	2246
9.0	2246	2242	2236	2231	2229	2229	2240	2240	2241	2238
12.0	2233	2230	2223	2218	2216	2216	2226	2228	2230	2227
15.0	2217	2214	2208	2202	2200	2199	2209	2212	2216	2213
18.0	2198	2196	2191	2184	2182	2179	2189	2194	2199	2197
21.0	2176	2176	2171	2164	2161	2158	2166	2172	2180	2178
24.0	2150	2153	2149	2141	2139	2134	2139	2148	2159	2157
27.0	2121	2125	2123	2115	2113	2106	2110	2122	2136	2133
30.0	2089	2096	2095	2086	2084	2074	2076	2092	2109	2107
33.0	2052	2063	2064	2054	2052	2039	2037	2058	2080	2077
36.0	2008	2025	2027	2016	2014	1998	1990	2018	2046	2043
39.0	1957	1981	1987	1970	1973	1951	1934	1972	2008	2004
42.0	1896	1929	1939	1911	1924	1895	1866	1918	1966	1957
45.0	1819	1868	1882	1837	1866	1827	1782	1855	1916	1897
48.0	1721	1793	1810	1739	1793	1744	1675	1778	1856	1818
51.0	1597	1699	1715	1603	1697	1638	1542	1683	1779	1710
54.0	1451	1580	1595	1432	1574	1502	1388	1560	1677	1565
57.0	1283	1430	1431	1236	1403	1338	1211	1406	1540	1388
60.0	1097	1251	1225	1043	1193	1151	1025	1229	1355	1194
63.0	914.7	1053	1010	860.9	977.1	947.8	843.2	1034	1141	1008
66.0	740.2	849.3	809.2	687.0	777.2	753.4	674.8	835.8	927.8	830.4
69.0	584.9	666.5	635.7	531.6	605.6	585.3	520.3	657.3	736.9	658.7
72.0	455.3	507.6	491.7	408.1	468.5	446.4	408.8	510.8	570.7	513.3
75.0	361.5	400.8	385.5	318.8	367.8	358.9	330.6	403.0	440.2	402.6
78.0	298.2	335.6	322.4	269.4	299.8	312.8	283.0	342.0	358.1	334.7
81.0	238.8	310.4	280.4	212.8	266.7	267.6	239.5	325.8	325.3	278.9
84.0	177.5	277.1	214.8	168.2	240.5	215.5	187.2	301.9	301.5	220.8
87.0	108.2	211.6	160.2	89.74	145.0	166.6	88.90	251.7	216.2	143.8
90.0	16.70	102.6	94.22	54.59	84.42	77.57	7.906	141.4	111.8	82.87
93.0	3.983	32.22	49.42	47.08	35.16	21.21	5.126	47.13	79.11	55.70
96.0	4.614	7.497	30.95	27.85	20.80	7.250	5.912	6.129	34.85	38.64
99.0	5.319	5.857	11.78	15.60	7.335	6.652	6.734	6.792	9.632	16.81
102.0	6.068	6.643	7.135	7.321	7.894	7.456	7.692	7.650	7.628	7.469
105.0	7.053	7.465	7.993	8.279	8.707	8.297	8.741	8.572	8.487	8.373
108.0	8.001	8.324	8.932	9.300	9.564	9.182	9.826	9.556	9.418	9.267
111.0	8.986	9.218	9.826	10.31	10.38	10.10	10.92	10.53	10.37	10.27
114.0	10.01	10.09	10.69	11.32	11.27	11.04	12.01	11.50	11.28	11.26
117.0	10.86	11.02	11.59	12.28	12.14	11.98	13.03	12.39	12.17	12.27
120.0	11.88	11.92	12.45	13.26	13.02	12.94	14.03	13.31	13.06	13.32
123.0	12.84	12.80	13.28	14.12	13.88	13.83	14.96	14.17	13.91	14.36
126.0	13.76	13.56	14.03	14.97	14.67	14.66	15.92	15.04	14.79	15.40
129.0	14.68	14.23	14.75	15.68	15.35	15.36	16.87	15.96	15.71	16.40
132.0	15.47	14.85	15.40	16.39	16.03	15.95	17.78	16.87	16.69	17.39
135.0	16.24	15.37	16.07	17.13	16.71	16.60	18.77	17.77	17.83	18.46
138.0	17.04	16.08	16.90	17.84	17.51	17.37	19.49	18.55	18.79	19.22
141.0	17.89	17.02	17.86	18.67	18.48	18.28	20.10	19.16	19.66	19.92
144.0	18.74	18.04	18.88	19.53	19.48	19.20	20.72	19.78	20.40	20.62
147.0	19.68	19.10	19.67	20.38	20.39	20.15	21.29	20.37	21.08	21.23
150.0	20.44	20.02	20.44	21.05	21.10	20.95	21.88	20.93	21.67	21.69
153.0	21.07	20.94	21.07	21.57	21.78	21.59	22.34	21.39	22.04	22.12
156.0	21.71	21.74	21.63	22.20	22.38	22.14	22.82	21.80	22.17	22.46
159.0	22.33	22.47	22.26	22.76	22.91	22.42	23.34	22.27	22.67	22.61
162.0	22.94	23.13	22.84	23.31	23.43	23.01	23.88	23.26	23.18	23.12
165.0	23.65	23.96	23.44	23.70	23.97	23.78	24.45	24.04	23.68	23.64
168.0	24.38	24.63	24.17	24.50	24.54	24.42	25.02	24.56	24.26	24.17
171.0	25.04	25.24	24.87	25.15	25.22	25.15	25.50	25.08	25.26	25.00
174.0	25.57	25.82	25.54	25.86	25.99	25.81	25.99	25.41	25.46	25.47
177.0	25.37	25.45	25.13	25.43	25.55	25.52	25.33	24.94	24.61	25.08
180.0	24.68	24.17	23.97	24.59	24.29	24.17	24.72	24.14	23.98	24.57
G/C	300.0	330.0								
0.0	2251	2251								
3.0	2250	2249								
6.0	2246	2245								
9.0	2238	2237								
12.0	2228	2226								
15.0	2215	2211								
18.0	2199	2194								
21.0	2180	2174								
24.0	2160	2152								
27.0	2136	2127								
30.0	2111	2098								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-16

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=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	2082	2066
36.0	2049	2028
39.0	2012	1987
42.0	1971	1938
45.0	1922	1880
48.0	1865	1810
51.0	1794	1723
54.0	1701	1612
57.0	1576	1474
60.0	1406	1309
63.0	1200	1123
66.0	988.1	921.2
69.0	786.2	731.7
72.0	619.5	572.6
75.0	476.5	445.4
78.0	370.2	340.9
81.0	338.7	300.2
84.0	305.5	280.1
87.0	242.8	270.8
90.0	149.9	163.7
93.0	76.02	66.07
96.0	29.75	5.854
99.0	6.870	6.611
102.0	7.647	7.469
105.0	8.478	8.355
108.0	9.319	9.303
111.0	10.27	10.28
114.0	11.27	11.26
117.0	12.24	12.20
120.0	13.19	13.22
123.0	14.09	14.20
126.0	15.09	15.46
129.0	16.05	16.76
132.0	17.12	18.27
135.0	18.08	18.61
138.0	18.90	18.96
141.0	19.59	19.37
144.0	20.18	19.95
147.0	20.80	20.62
150.0	21.31	21.14
153.0	21.73	21.67
156.0	22.11	22.21
159.0	22.58	22.76
162.0	23.07	23.25
165.0	23.52	23.72
168.0	23.99	24.26
171.0	24.54	24.57
174.0	24.96	24.97
177.0	24.59	24.44
180.0	24.31	24.20

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-16

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=1.0000]
Remarks: