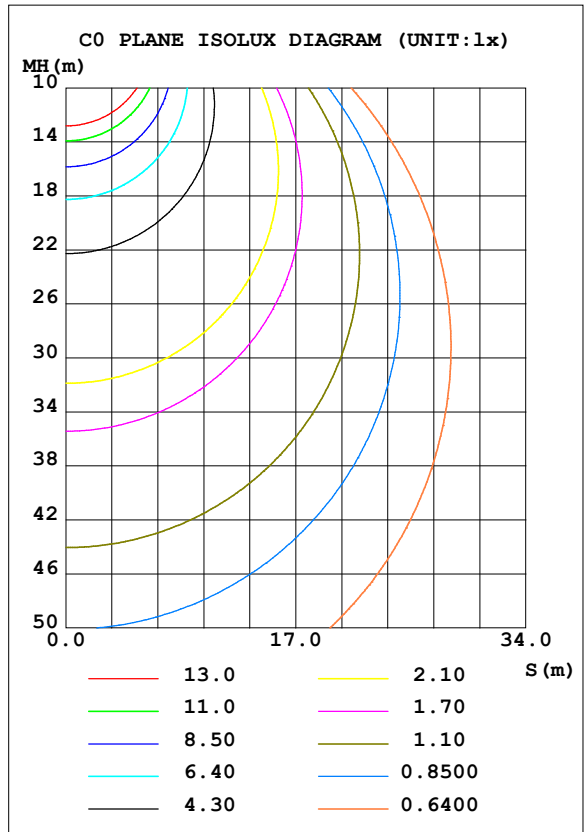
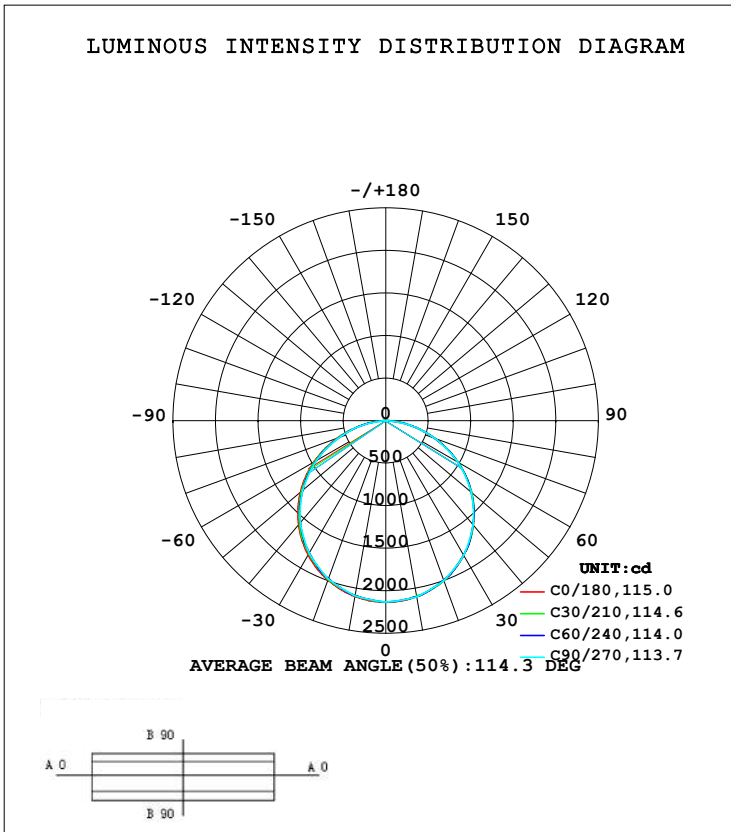


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.30 lm/W			
MODEL	BPL2-1212X603-50W-P-TCP 5000K	I _{max} (cd)	2133	S/MH (C0/180)	1.27
NOMINAL POWER (W)	50	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	6183.7	η UP, DN (C0-180)	0.0, 50.4
NOMINAL FLUX (lm)	6183.68	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-06-22

V(B) Range: -80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 7.200m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

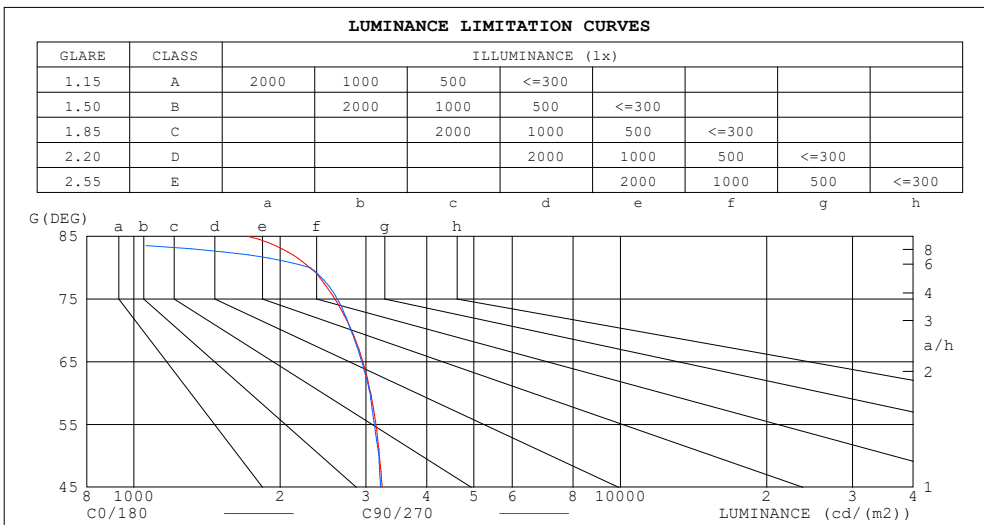
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2100	2096	2103	2093	2098	2086	2092	2088	0- 10	201.4	201.4	3.26,3.26
20	1998	1995	2000	1990	1993	1975	1980	1980	10- 20	578.2	779.6	12.6,12.6
30	1831	1829	1831	1824	1824	1804	1802	1809	20- 30	880.4	1660	26.8,26.8
40	1602	1605	1599	1596	1595	1573	1565	1580	30- 40	1069	2729	44.1,44.1
50	1316	1319	1313	1314	1310	1289	1277	1293	40- 50	1118	3846	62.2,62.2
60	981.8	987.1	979.1	977.1	977.1	954.1	942.7	961.4	50- 60	1018	4864	78.7,78.7
70	613.3	618.2	611.9	611.8	610.4	592.8	579.3	596.0	60- 70	779.0	5643	91.3,91.3
80	255.5	266.0	256.0	260.5	251.3	248.1	231.7	251.4	70- 80	446.7	6090	98.5,98.5
90	7.206	0	0	0	6.479	0	0	0	80- 90	93.97	6184	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-06-22

$V(B)$ Range:-80 - 80DEG
 $V(B)$ Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1714	0
80	2299	2304
75	2591	2620
70	2802	2795
65	2956	2941
60	3068	3060
55	3145	3122
50	3200	3192
45	3240	3217

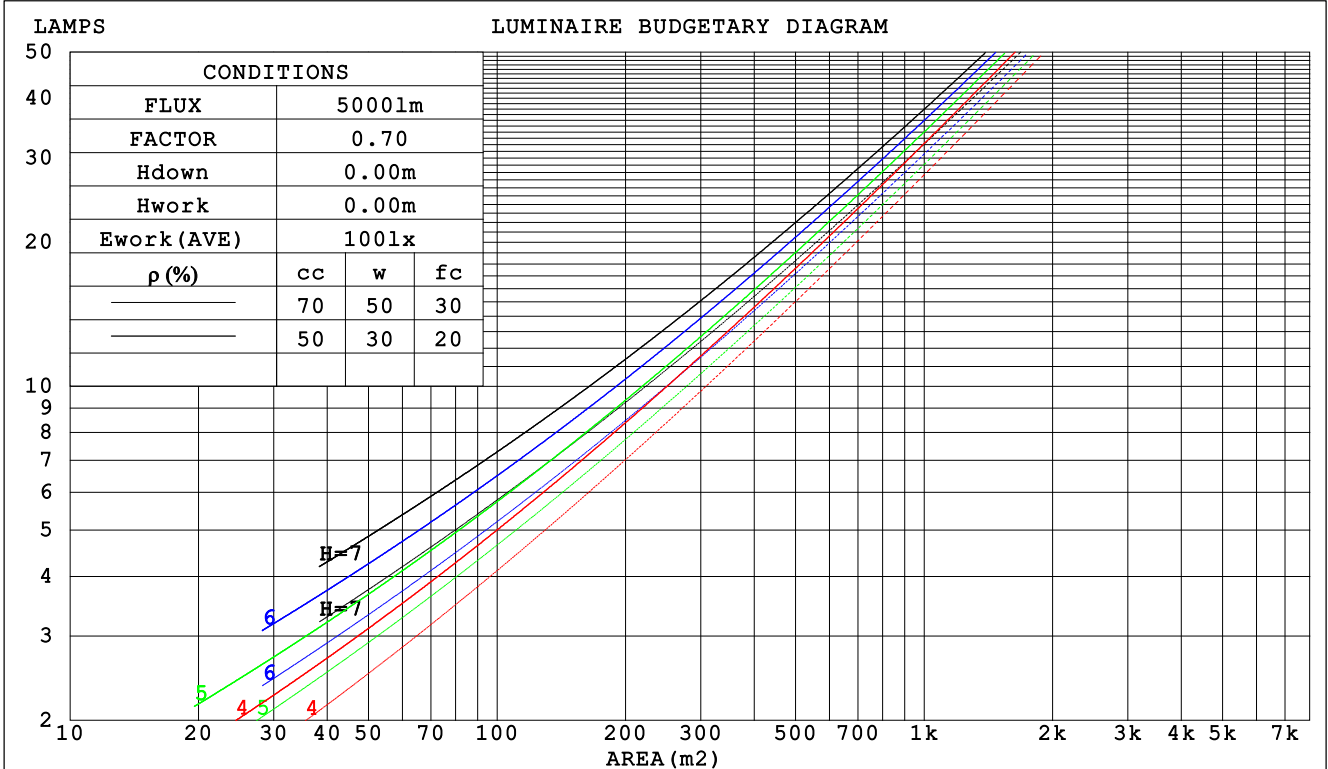
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	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	1.02	1.02	1.02	1.00
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.94	.91	.88	.90	.88	.86	.84
2.0	.90	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.53	.47	.61	.53	.47	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	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	.308	.175	.056	.301	.172	.055	.288	.165	.053	.276	.159	.051	.265	.153	.049	
2.0	.292	.160	.049	.286	.157	.048	.274	.152	.047	.263	.148	.046	.253	.143	.045	
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040	
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.227	.116	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.099	.028	.196	.098	.028	.190	.096	.028	.183	.094	.027	.178	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.084	.024	.172	.084	.023	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.134	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.172	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm										
NAME: BPL2-1212X603-50W-P-TCP 5000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.: 1.155*0.545			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	16.3	17.9	16.6	18.2	18.6	16.2	17.9	16.6	18.2	18.5
3H	18.1	19.6	18.5	19.9	20.3	18.0	19.5	18.4	19.9	20.2
4H	18.8	20.2	19.2	20.5	20.9	18.7	20.1	19.1	20.5	20.9
6H	19.2	20.5	19.6	20.9	21.3	19.2	20.5	19.7	20.9	21.3
8H	19.3	20.6	19.8	21.0	21.4	19.3	20.6	19.8	21.0	21.4
12H	19.4	20.6	19.8	21.0	21.4	19.3	20.5	19.8	20.9	21.3
4H 2H	16.9	18.3	17.3	18.7	19.1	16.9	18.3	17.3	18.6	19.0
3H	19.0	20.2	19.4	20.6	21.0	18.9	20.1	19.3	20.5	20.9
4H	19.8	20.8	20.2	21.2	21.7	19.7	20.8	20.2	21.2	21.7
6H	20.3	21.3	20.8	21.7	22.2	20.4	21.3	20.8	21.7	22.2
8H	20.5	21.4	20.9	21.8	22.3	20.5	21.4	21.0	21.8	22.3
12H	20.6	21.4	21.1	21.8	22.3	20.5	21.3	21.0	21.8	22.2
8H 4H	20.1	21.0	20.6	21.4	21.9	20.1	20.9	20.5	21.4	21.8
6H	20.8	21.5	21.3	22.0	22.5	20.8	21.5	21.3	22.0	22.5
8H	21.0	21.7	21.5	22.2	22.7	21.0	21.6	21.5	22.1	22.6
12H	21.2	21.7	21.7	22.2	22.8	21.0	21.6	21.5	22.1	22.6
12H 4H	20.1	20.9	20.6	21.4	21.9	20.1	20.9	20.6	21.3	21.8
6H	20.9	21.5	21.4	22.0	22.5	20.9	21.5	21.4	22.0	22.5
8H	21.1	21.7	21.6	22.2	22.8	21.1	21.7	21.6	22.2	22.7
CIE190: 2010										

CIE190: 2010
Area: 0.64 m2

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

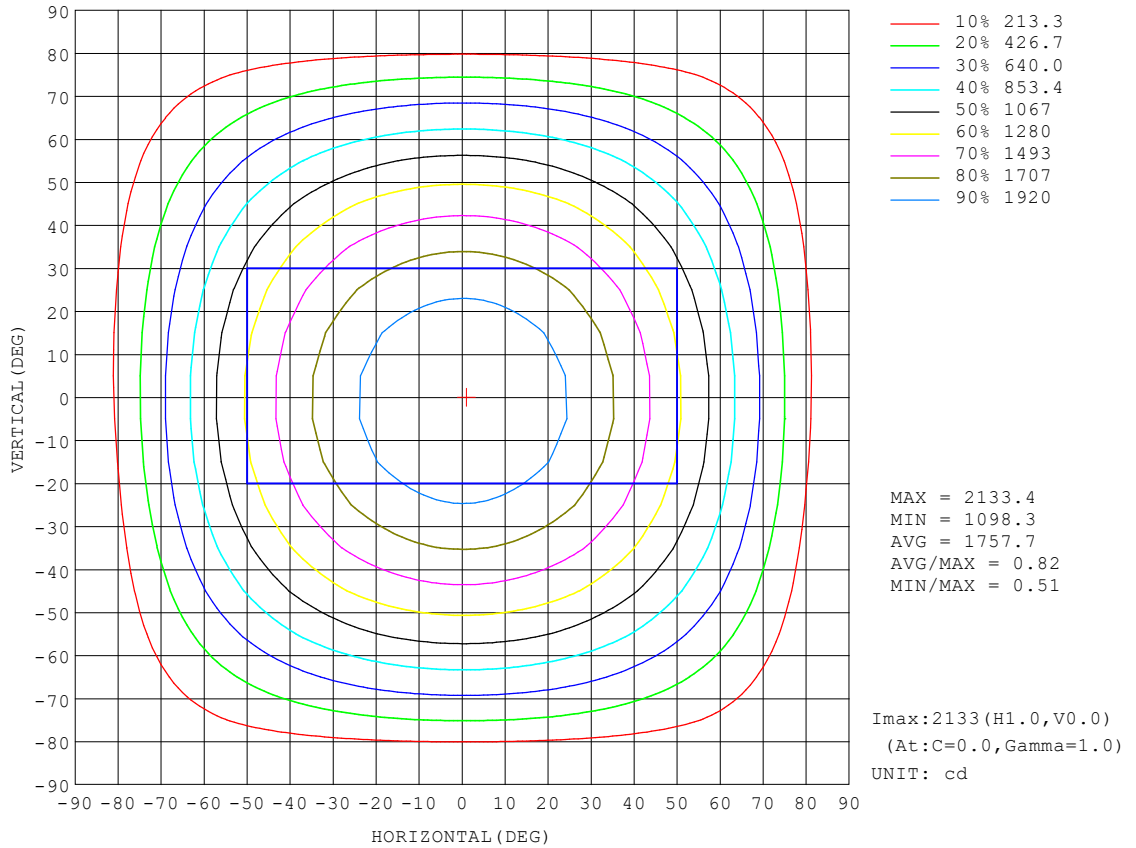
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

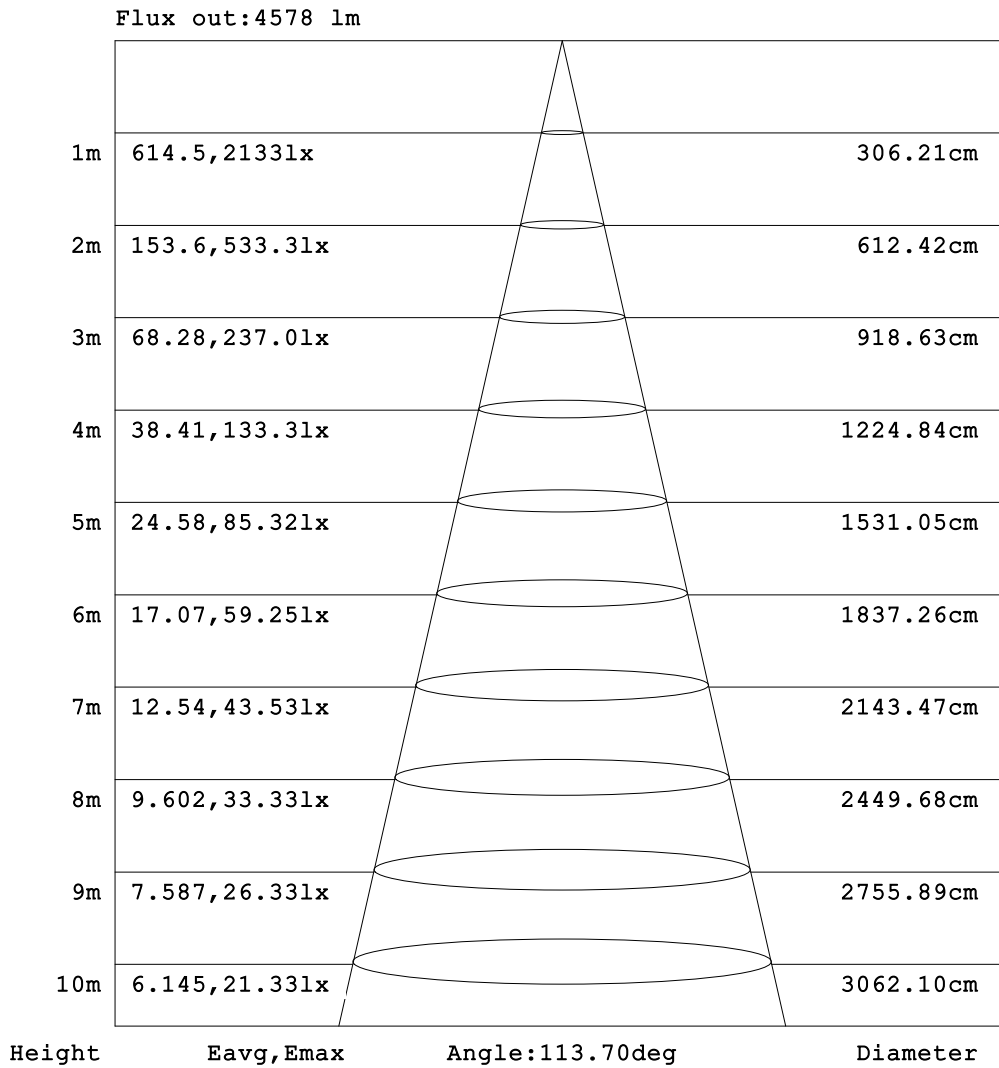


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-06-22

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:



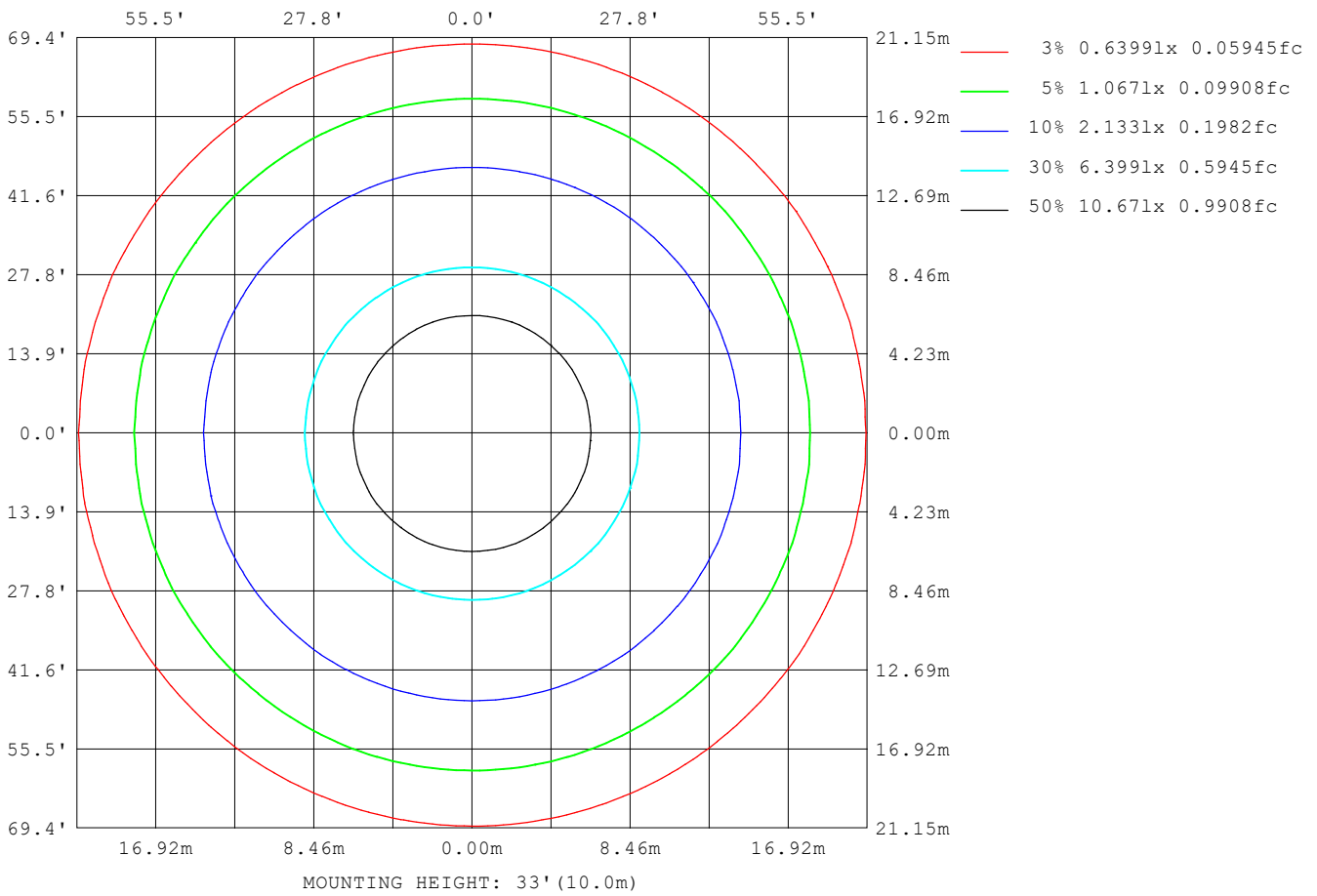
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

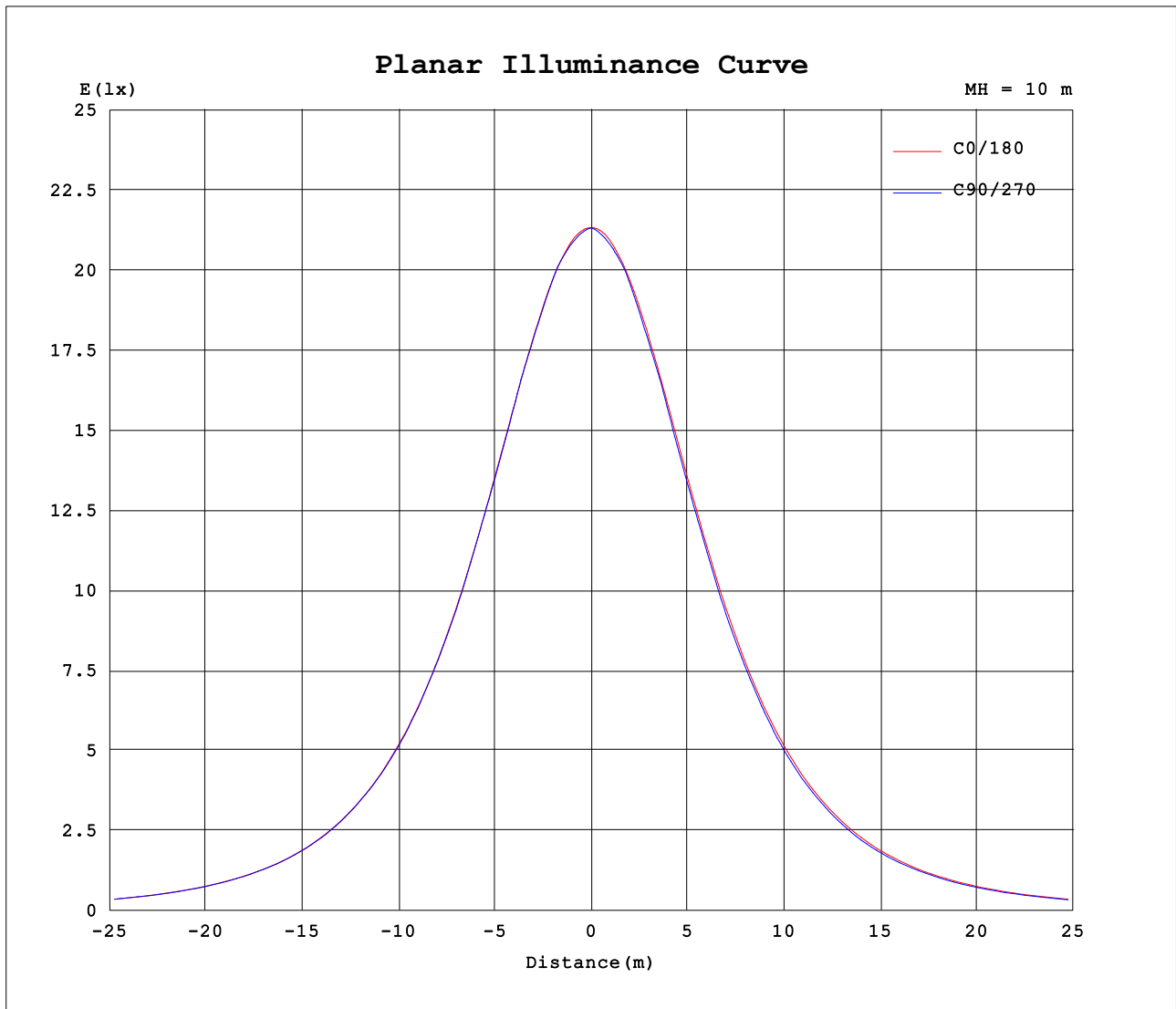
AvgL	cd/m2
L_0~180 (65) av	2950
L_0~180 (75) av	2584
L_0~180 (85) av	1627
L_90~270 (65) av	2877
L_90~270 (75) av	2534
L_90~270 (85) av	0
L_45 (65) av	2912
L_45 (75) av	2547
L_45 (85) av	1198

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-06-22

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

Table--1

UNIT: cd

γ (DEG)\ C (DEG)	C (DEG)																		
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
5	2127	2125	2124	2123	2122	2121	2120	2120	2119	2119	2119	2119	2119	2119	2119	2118	2118	2118	2118
10	2100	2097	2096	2095	2094	2094	2094	2094	2095	2096	2097	2098	2100	2101	2101	2102	2103	2103	2103
15	2057	2054	2052	2051	2052	2053	2055	2058	2062	2060	2057	2055	2054	2053	2053	2053	2052	2052	2051
20	1998	1995	1993	1993	1995	1999	2002	1998	1996	1995	1994	1995	1996	1997	1998	1999	2000	2001	2000
25	1922	1918	1917	1919	1925	1924	1920	1919	1920	1922	1925	1924	1921	1919	1918	1917	1916	1916	1916
30	1831	1826	1826	1831	1833	1829	1828	1830	1834	1829	1828	1827	1827	1828	1829	1830	1831	1831	1831
35	1724	1719	1721	1729	1722	1722	1726	1723	1721	1722	1724	1727	1724	1720	1718	1717	1716	1716	1715
40	1602	1598	1603	1603	1600	1605	1601	1601	1604	1605	1601	1598	1597	1597	1598	1598	1599	1600	1599
45	1466	1463	1472	1465	1467	1466	1466	1472	1467	1464	1464	1466	1465	1462	1460	1458	1457	1457	1456
50	1316	1315	1319	1316	1317	1318	1322	1317	1317	1319	1315	1313	1312	1312	1313	1313	1314	1313	1313
55	1154	1154	1154	1158	1156	1160	1156	1158	1156	1154	1155	1157	1155	1152	1150	1149	1148	1147	1146
60	982	984	982	982	988	984	986	984	986	987	983	981	980	980	979	979	980	979	979
65	800	804	802	805	802	803	804	807	804	803	803	803	802	800	799	798	797	796	795
70	613	614	614	614	615	619	618	618	618	618	618	617	616	615	615	614	613	613	612
75	429	428	423	422	426	428	431	434	435	434	435	436	437	437	436	436	435	435	434
80	256	236	233	240	247	254	259	263	266	266	266	265	264	262	261	259	258	257	256
85	95.6	80.4	88.3	97.8	105	109	109	96.6	83.4	70.0	56.9	44.6	33.4	23.6	15.3	8.67	3.87	0.97	0.00
90	7.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-06-22

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
5	2118	2118	2118	2118	2118	2118	2118	2118	2118	2119	2119	2119	2120	2121	2122	2123	2124	2125	2123
10	2103	2102	2101	2100	2099	2098	2096	2095	2093	2092	2091	2091	2091	2091	2092	2093	2095	2098	2094
15	2051	2051	2051	2051	2051	2051	2052	2053	2055	2057	2053	2050	2048	2047	2047	2048	2051	2054	2049
20	2000	1999	1998	1996	1995	1993	1992	1990	1990	1990	1992	1995	1992	1988	1986	1987	1989	1993	1987
25	1916	1915	1915	1915	1916	1918	1920	1922	1917	1915	1913	1913	1916	1915	1911	1910	1912	1917	1910
30	1830	1829	1827	1825	1824	1822	1822	1822	1824	1829	1825	1821	1820	1823	1821	1817	1818	1824	1816
35	1715	1714	1714	1715	1716	1718	1720	1716	1714	1714	1717	1720	1713	1712	1717	1711	1711	1717	1708
40	1599	1598	1596	1594	1593	1592	1591	1593	1596	1594	1591	1593	1598	1591	1591	1590	1588	1595	1585
45	1455	1456	1456	1456	1457	1460	1461	1457	1456	1457	1460	1456	1457	1460	1454	1457	1452	1459	1450
50	1312	1311	1309	1308	1306	1307	1307	1309	1314	1309	1307	1310	1307	1309	1307	1306	1303	1310	1301
55	1146	1145	1145	1146	1146	1148	1148	1146	1146	1148	1151	1146	1148	1146	1152	1144	1143	1149	1141
60	979	978	977	976	975	974	974	975	977	975	975	979	975	976	975	974	973	977	971
65	795	795	795	795	796	797	798	797	795	795	797	795	796	794	794	798	793	796	791
70	611	611	610	610	610	610	610	611	612	613	611	609	606	604	601	602	605	610	605
75	434	433	433	433	432	431	430	428	427	428	427	425	420	413	408	405	414	427	425
80	256	256	257	258	259	259	260	261	261	259	257	252	248	242	232	223	222	251	255
85	0.97	3.85	8.59	15.1	23.3	32.8	43.7	55.6	68.3	81.1	93.6	105	105	101	93.2	83.1	71.3	85.9	105
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.48	0.00

H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Temperature:25.3DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:7.200m [K=1.0000]
Test Date:2023-06-22	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
5	2122	2120	2119	2118	2117	2116	2115	2114	2114	2114	2113	2113	2113	2113	2113	2112	2112	2113	2113
10	2091	2089	2087	2086	2085	2085	2085	2086	2086	2087	2088	2089	2090	2091	2091	2091	2092	2092	2092
15	2046	2043	2041	2041	2042	2044	2046	2044	2041	2039	2038	2037	2036	2036	2036	2035	2036	2036	2036
20	1983	1981	1982	1984	1985	1980	1977	1975	1974	1974	1975	1976	1976	1978	1979	1979	1980	1980	1979
25	1906	1905	1907	1905	1901	1899	1899	1900	1902	1899	1896	1894	1892	1891	1891	1891	1891	1891	1892
30	1813	1814	1813	1809	1807	1809	1810	1804	1801	1798	1798	1798	1799	1800	1800	1801	1802	1802	1803
35	1706	1709	1702	1701	1704	1699	1695	1692	1692	1695	1690	1688	1685	1684	1683	1683	1684	1684	1685
40	1585	1583	1580	1584	1577	1573	1573	1573	1567	1564	1563	1563	1563	1563	1564	1565	1565	1565	1566
45	1452	1446	1449	1443	1440	1441	1435	1432	1431	1433	1430	1426	1423	1422	1421	1420	1421	1421	1422
50	1300	1299	1299	1294	1293	1288	1287	1289	1282	1278	1276	1275	1275	1275	1275	1276	1277	1277	1277
55	1139	1144	1135	1135	1131	1132	1127	1122	1120	1120	1118	1114	1112	1111	1110	1109	1110	1110	1111
60	970	968	967	963	964	957	955	954	949	946	945	943	943	942	942	943	943	943	943
65	794	789	787	786	782	780	776	774	772	772	768	766	764	763	761	761	761	762	763
70	605	604	603	601	598	597	596	593	590	587	585	583	581	580	579	579	579	580	581
75	423	423	421	420	419	417	414	411	410	410	409	408	407	407	406	405	405	406	407
80	255	254	254	252	249	250	249	248	246	244	241	239	236	234	233	232	232	232	233
85	105	104	105	105	102	89.7	76.9	64.0	51.8	40.4	30.2	21.3	13.8	7.81	3.49	0.88	0.00	0.88	3.50
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.43V I:0.4000A P:47.825W PF:0.9929 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6183.68x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

Table--4

UNIT: cd

γ (DEG)\C (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133				
5	2113	2113	2114	2114	2114	2115	2115	2116	2117	2118	2119	2120	2121	2123	2125				
10	2092	2091	2091	2090	2090	2089	2088	2088	2088	2088	2089	2090	2092	2094	2097				
15	2037	2038	2039	2040	2043	2045	2048	2051	2049	2047	2046	2046	2047	2049	2053				
20	1979	1979	1978	1978	1977	1978	1980	1982	1986	1991	1990	1988	1987	1989	1993				
25	1893	1895	1896	1899	1902	1905	1904	1903	1904	1908	1914	1916	1912	1912	1916				
30	1802	1802	1802	1802	1803	1805	1809	1815	1814	1813	1816	1822	1824	1821	1823				
35	1686	1688	1691	1696	1700	1699	1699	1700	1705	1710	1708	1712	1720	1716	1716				
40	1565	1565	1566	1567	1570	1574	1580	1581	1581	1584	1590	1588	1593	1597	1595				
45	1424	1426	1429	1433	1437	1436	1438	1443	1451	1448	1451	1455	1455	1465	1459				
50	1278	1278	1279	1280	1283	1287	1293	1293	1296	1304	1303	1305	1307	1313	1311				
55	1113	1115	1119	1123	1127	1127	1128	1132	1137	1138	1145	1144	1149	1149	1151				
60	944	945	946	948	951	956	961	963	964	968	969	977	974	976	981				
65	764	766	768	771	775	776	779	782	788	787	790	791	797	797	801				
70	582	584	586	588	591	594	596	599	601	604	608	607	609	610	612				
75	408	409	411	412	413	414	415	418	421	422	424	427	427	429	428				
80	235	238	240	243	246	249	251	253	254	254	255	256	257	257	258				
85	7.85	13.9	21.4	30.5	40.9	52.4	65.0	78.2	91.4	104	107	107	106	106	107				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
2.5	2132	2131	2131	2130	2129	2129	2129	2128	2128	2127
5.0	2127	2125	2124	2123	2122	2121	2120	2120	2119	2119
7.5	2115	2113	2112	2111	2110	2109	2109	2108	2108	2109
10.0	2100	2097	2096	2095	2094	2094	2094	2094	2095	2096
12.5	2081	2078	2076	2075	2075	2075	2076	2078	2079	2081
15.0	2057	2054	2052	2051	2052	2053	2055	2058	2062	2060
17.5	2030	2027	2025	2024	2025	2027	2031	2034	2030	2028
20.0	1998	1995	1993	1993	1995	1999	2002	1998	1996	1995
22.5	1962	1958	1957	1958	1962	1968	1963	1960	1959	1959
25.0	1922	1918	1917	1919	1925	1924	1920	1919	1920	1922
27.5	1878	1874	1874	1878	1884	1878	1875	1876	1878	1882
30.0	1831	1826	1826	1831	1833	1829	1828	1830	1834	1829
32.5	1779	1774	1776	1783	1779	1776	1778	1783	1778	1776
35.0	1724	1719	1721	1729	1722	1722	1726	1723	1721	1722
37.5	1664	1660	1664	1667	1663	1665	1666	1663	1663	1666
40.0	1602	1598	1603	1603	1600	1605	1601	1601	1604	1605
42.5	1535	1532	1539	1535	1535	1537	1534	1537	1541	1535
45.0	1466	1463	1472	1465	1467	1466	1466	1472	1467	1464
47.5	1393	1390	1397	1392	1396	1392	1397	1395	1392	1392
50.0	1316	1315	1319	1316	1317	1318	1322	1317	1317	1319
52.5	1237	1236	1238	1238	1237	1242	1239	1238	1241	1237
55.0	1154	1154	1154	1158	1156	1160	1156	1158	1156	1154
57.5	1070	1071	1069	1070	1074	1073	1072	1072	1071	1072
60.0	981.8	984.2	981.5	982.3	988.1	983.6	986.2	984.0	985.6	987.1
62.5	891.7	896.3	892.4	893.5	894.8	895.6	894.3	896.2	897.7	894.5
65.0	799.6	803.6	801.7	804.9	802.0	802.9	803.7	806.8	803.6	802.7
67.5	706.6	709.0	707.0	710.4	710.5	709.8	714.3	711.3	710.5	711.5
70.0	613.3	614.1	613.8	614.3	615.3	619.3	617.5	617.6	618.5	618.2
72.5	520.0	520.6	522.2	519.5	521.3	523.2	523.3	525.1	525.8	525.7
75.0	429.2	427.8	423.3	421.8	426.3	427.7	431.5	434.1	434.6	434.3
77.5	340.8	332.0	324.2	328.7	332.2	337.8	343.0	345.2	347.0	348.9
80.0	255.5	235.7	232.9	239.7	246.7	254.1	258.6	263.2	265.5	266.0
82.5	173.2	148.0	154.4	162.1	170.9	178.0	183.0	185.1	185.2	184.1
85.0	95.59	80.43	88.34	97.75	105.1	108.6	109.0	96.64	83.45	70.00
87.5	29.63	36.29	40.09	41.63	30.10	15.75	0	0	0	0
90.0	7.206	0	0	0	0	0	0	0	0	0
G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
2.5	2127	2127	2127	2126	2126	2126	2126	2126	2126	2126
5.0	2119	2119	2119	2119	2119	2118	2118	2118	2118	2118
7.5	2109	2109	2109	2110	2110	2111	2111	2111	2111	2110
10.0	2097	2098	2100	2101	2101	2102	2103	2103	2103	2103
12.5	2083	2084	2082	2081	2080	2079	2078	2078	2077	2077
15.0	2057	2055	2054	2053	2053	2053	2052	2052	2051	2051
17.5	2027	2026	2025	2025	2026	2026	2027	2026	2026	2026
20.0	1994	1995	1996	1997	1998	1999	2000	2001	2000	2000
22.5	1961	1962	1965	1964	1962	1960	1959	1958	1958	1958
25.0	1925	1924	1921	1919	1918	1917	1916	1916	1916	1916
27.5	1878	1876	1874	1873	1874	1874	1873	1873	1874	1873
30.0	1828	1827	1827	1828	1829	1830	1831	1831	1831	1830
32.5	1776	1777	1780	1782	1778	1776	1775	1773	1773	1773
35.0	1724	1727	1724	1720	1718	1717	1716	1716	1715	1715
37.5	1668	1663	1660	1659	1658	1658	1658	1658	1657	1657
40.0	1601	1598	1597	1597	1598	1598	1599	1600	1599	1599
42.5	1533	1532	1533	1535	1533	1531	1529	1528	1528	1527
45.0	1464	1466	1465	1462	1460	1458	1457	1457	1456	1455
47.5	1395	1391	1389	1387	1386	1386	1385	1385	1385	1384
50.0	1315	1313	1312	1312	1313	1313	1314	1313	1313	1312
52.5	1235	1235	1236	1238	1236	1233	1232	1230	1230	1229
55.0	1155	1157	1155	1152	1150	1149	1148	1147	1146	1146
57.5	1074	1070	1068	1066	1065	1064	1064	1063	1063	1062
60.0	983.4	981.3	980.0	979.6	979.5	979.4	979.7	979.5	979.1	978.7
62.5	892.8	892.5	892.5	893.2	891.4	889.8	889.0	888.0	887.3	887.1
65.0	803.0	803.4	801.9	800.4	799.0	797.7	796.9	796.2	795.5	795.2
67.5	711.1	710.0	708.8	707.8	706.7	705.7	705.0	704.4	703.7	703.3
70.0	617.6	617.1	616.2	615.5	614.6	613.8	613.1	612.6	611.9	611.4
72.5	525.4	524.9	524.0	524.7	524.5	524.3	524.0	523.6	522.9	522.4
75.0	435.1	436.4	436.8	436.9	436.4	435.8	435.2	434.6	433.9	433.5
77.5	350.0	350.4	350.0	349.4	348.5	347.4	346.4	345.6	345.0	344.6
80.0	265.7	264.9	263.6	262.2	260.7	259.1	257.6	256.7	256.0	255.7
82.5	179.1	168.6	158.9	150.1	142.7	136.5	131.9	129.1	128.0	128.6
85.0	56.91	44.62	33.44	23.60	15.29	8.669	3.871	0.9704	0	0.9668

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-06-22

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
2.5	2126	2126	2126	2126	2126	2126	2127	2127	2127	2128
5.0	2118	2118	2118	2118	2118	2118	2118	2118	2119	2119
7.5	2110	2109	2109	2109	2109	2108	2108	2107	2107	2106
10.0	2102	2101	2100	2099	2098	2096	2095	2093	2092	2091
12.5	2077	2077	2078	2078	2080	2081	2080	2078	2075	2073
15.0	2051	2051	2051	2051	2051	2052	2053	2055	2057	2053
17.5	2025	2025	2024	2023	2023	2022	2023	2024	2025	2028
20.0	1999	1998	1996	1995	1993	1992	1990	1990	1990	1992
22.5	1958	1959	1960	1962	1962	1959	1957	1954	1953	1953
25.0	1915	1915	1915	1916	1918	1920	1922	1917	1915	1913
27.5	1872	1871	1870	1870	1870	1871	1873	1878	1874	1870
30.0	1829	1827	1825	1824	1822	1822	1822	1824	1829	1825
32.5	1773	1773	1775	1777	1774	1771	1770	1770	1772	1777
35.0	1714	1714	1715	1716	1718	1720	1716	1714	1714	1717
37.5	1656	1655	1655	1654	1655	1656	1659	1657	1655	1655
40.0	1598	1596	1594	1593	1592	1591	1593	1596	1594	1591
42.5	1528	1529	1530	1531	1528	1526	1525	1526	1530	1527
45.0	1456	1456	1456	1457	1460	1461	1457	1456	1457	1460
47.5	1383	1383	1382	1382	1383	1385	1389	1385	1383	1384
50.0	1311	1309	1308	1306	1307	1307	1309	1314	1309	1307
52.5	1229	1229	1231	1231	1229	1227	1228	1229	1235	1229
55.0	1145	1145	1146	1146	1148	1148	1146	1146	1148	1151
57.5	1061	1061	1061	1061	1061	1062	1065	1063	1062	1065
60.0	977.8	976.6	975.8	974.8	973.9	974.1	974.6	977.1	975.4	974.9
62.5	887.0	887.1	887.9	888.8	887.3	886.1	885.2	885.8	887.5	886.3
65.0	794.9	794.8	795.1	795.6	796.6	797.8	796.5	795.0	794.9	796.7
67.5	702.8	702.5	702.5	702.7	703.1	703.7	705.0	705.1	703.6	702.6
70.0	610.8	610.3	610.1	610.1	610.1	610.5	611.3	611.8	613.1	610.7
72.5	521.7	521.1	520.2	519.3	517.7	518.1	518.5	518.9	519.5	519.5
75.0	433.2	432.9	432.6	432.1	431.2	430.0	428.1	427.0	427.6	427.5
77.5	344.6	344.9	345.1	345.3	345.2	344.8	344.0	342.3	339.6	338.0
80.0	256.2	256.9	257.8	258.7	259.5	260.1	260.6	260.5	259.4	256.8
82.5	131.2	135.3	141.0	148.0	156.0	165.1	175.1	179.7	180.4	180.0
85.0	3.849	8.593	15.11	23.27	32.84	43.71	55.60	68.26	81.11	93.58
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
2.5	2128	2128	2129	2129	2130	2131	2131	2130	2130	2129
5.0	2119	2120	2121	2122	2123	2124	2125	2123	2122	2120
7.5	2106	2107	2108	2108	2110	2111	2113	2111	2108	2106
10.0	2091	2091	2091	2092	2093	2095	2098	2094	2091	2089
12.5	2072	2072	2071	2072	2073	2075	2078	2074	2070	2068
15.0	2050	2048	2047	2047	2048	2051	2054	2049	2046	2043
17.5	2025	2022	2019	2018	2019	2021	2025	2020	2016	2014
20.0	1995	1992	1988	1986	1987	1989	1993	1987	1983	1981
22.5	1956	1959	1954	1951	1950	1952	1957	1951	1947	1945
25.0	1913	1916	1915	1911	1910	1912	1917	1910	1906	1905
27.5	1868	1869	1873	1868	1865	1867	1872	1865	1861	1861
30.0	1821	1820	1823	1821	1817	1818	1824	1816	1813	1814
32.5	1771	1768	1769	1771	1766	1766	1772	1764	1761	1764
35.0	1720	1713	1712	1717	1711	1711	1717	1708	1706	1709
37.5	1660	1656	1653	1655	1653	1651	1658	1648	1647	1647
40.0	1593	1598	1591	1591	1590	1588	1595	1585	1585	1583
42.5	1526	1530	1527	1524	1526	1522	1529	1519	1520	1516
45.0	1456	1457	1460	1454	1457	1452	1459	1450	1452	1446
47.5	1385	1383	1389	1382	1383	1379	1386	1377	1378	1374
50.0	1310	1307	1309	1307	1306	1303	1310	1301	1300	1299
52.5	1228	1230	1228	1231	1226	1225	1232	1223	1221	1223
55.0	1146	1148	1146	1152	1144	1143	1149	1141	1139	1144
57.5	1064	1061	1062	1063	1060	1059	1065	1057	1055	1056
60.0	979.1	975.3	976.0	974.6	974.2	972.6	977.1	970.7	969.8	967.7
62.5	886.5	889.5	885.2	884.5	887.3	884.4	888.2	883.0	882.8	878.2
65.0	794.8	796.4	793.9	794.3	797.8	792.9	796.0	791.4	794.3	789.1
67.5	703.9	701.0	702.6	698.5	700.0	699.1	703.6	698.0	698.5	696.3
70.0	608.6	606.1	604.0	600.6	601.9	604.7	610.4	605.3	604.9	603.8
72.5	515.9	511.1	506.5	505.5	503.6	509.5	517.7	513.5	513.7	515.0
75.0	425.2	419.8	413.1	407.9	404.6	414.0	426.9	425.3	423.4	423.3
77.5	336.3	332.1	324.6	315.6	311.6	317.3	339.5	338.9	338.7	336.5

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-06-22

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

80.0	251.8	248.1	242.0	232.2	222.8	221.9	251.3	254.9	255.2	254.0
82.5	177.6	172.8	165.7	158.0	145.7	137.4	164.9	177.1	176.9	176.5
85.0	105.0	104.8	101.0	93.24	83.13	71.26	85.89	104.8	104.7	103.9
87.5	0	15.13	28.64	38.68	35.36	31.23	24.87	41.68	42.22	40.48
90.0	0	0	0	0	0	0	6.479	0	0	0
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
2.5	2128	2127	2127	2126	2125	2125	2124	2124	2124	2124
5.0	2119	2118	2117	2116	2115	2114	2114	2114	2113	2113
7.5	2105	2104	2102	2102	2101	2101	2101	2101	2101	2102
10.0	2087	2086	2085	2085	2085	2086	2086	2087	2088	2089
12.5	2067	2066	2066	2066	2067	2068	2070	2070	2068	2066
15.0	2041	2041	2042	2044	2046	2044	2041	2039	2038	2037
17.5	2013	2014	2016	2017	2013	2010	2009	2008	2007	2006
20.0	1982	1984	1985	1980	1977	1975	1974	1974	1975	1976
22.5	1946	1949	1945	1941	1939	1938	1939	1940	1943	1941
25.0	1907	1905	1901	1899	1899	1900	1902	1899	1896	1894
27.5	1865	1859	1855	1855	1856	1859	1853	1849	1847	1846
30.0	1813	1809	1807	1809	1810	1804	1801	1798	1798	1798
32.5	1759	1756	1756	1761	1753	1749	1747	1747	1748	1749
35.0	1702	1701	1704	1699	1695	1692	1692	1695	1690	1688
37.5	1642	1644	1644	1637	1634	1635	1635	1630	1627	1625
40.0	1580	1584	1577	1573	1573	1573	1567	1564	1563	1563
42.5	1515	1516	1509	1508	1509	1502	1500	1499	1499	1500
45.0	1449	1443	1440	1441	1435	1432	1431	1433	1430	1426
47.5	1378	1369	1368	1365	1361	1361	1363	1357	1353	1351
50.0	1299	1294	1293	1288	1287	1289	1282	1278	1276	1275
52.5	1217	1217	1212	1210	1213	1206	1201	1199	1199	1199
55.0	1135	1135	1131	1132	1127	1122	1120	1120	1118	1114
57.5	1052	1049	1049	1047	1041	1039	1039	1034	1031	1029
60.0	967.0	963.2	964.4	957.5	955.1	954.1	949.4	946.2	944.6	943.2
62.5	876.4	878.1	872.4	869.4	867.7	863.6	860.7	859.0	858.5	857.6
65.0	786.7	786.1	781.8	780.4	776.1	773.7	772.5	771.5	768.4	765.7
67.5	698.1	692.6	691.6	687.5	685.8	685.0	682.0	679.4	676.4	674.1
70.0	603.2	600.9	598.3	596.6	596.1	592.8	589.9	587.5	584.9	582.7
72.5	510.7	509.0	507.7	506.6	504.2	501.4	498.6	496.2	493.7	493.2
75.0	421.5	420.2	419.2	416.9	414.2	411.1	409.8	410.0	409.0	408.1
77.5	335.5	334.6	332.5	329.2	327.9	328.1	327.6	326.6	324.9	323.3
80.0	253.5	251.8	249.5	249.7	249.3	248.1	246.1	243.8	241.1	238.7
82.5	174.6	175.4	175.2	174.1	172.0	169.0	162.9	152.7	143.5	135.5
85.0	105.1	104.6	102.1	89.70	76.86	64.05	51.77	40.43	30.20	21.29
87.5	28.94	14.94	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
2.5	2123	2123	2123	2123	2123	2123	2123	2123	2123	2124
5.0	2113	2113	2113	2112	2112	2113	2113	2113	2113	2114
7.5	2102	2102	2102	2102	2102	2102	2102	2103	2103	2102
10.0	2090	2091	2091	2091	2092	2092	2092	2092	2091	2091
12.5	2065	2065	2064	2064	2064	2064	2065	2066	2067	2069
15.0	2036	2036	2036	2035	2036	2036	2036	2037	2038	2039
17.5	2007	2007	2008	2007	2008	2008	2008	2008	2008	2009
20.0	1976	1978	1979	1979	1980	1980	1979	1979	1979	1978
22.5	1938	1937	1936	1935	1936	1936	1936	1938	1941	1943
25.0	1892	1891	1891	1891	1891	1891	1892	1893	1895	1896
27.5	1846	1845	1846	1846	1847	1847	1847	1848	1848	1849
30.0	1799	1800	1800	1801	1802	1802	1803	1802	1802	1802
32.5	1746	1744	1743	1743	1743	1743	1745	1747	1750	1754
35.0	1685	1684	1683	1683	1684	1684	1685	1686	1688	1691
37.5	1624	1624	1624	1624	1624	1625	1625	1626	1627	1629
40.0	1563	1563	1564	1565	1565	1565	1566	1565	1565	1566
42.5	1498	1495	1493	1493	1493	1494	1495	1497	1500	1503
45.0	1423	1422	1421	1420	1421	1421	1422	1424	1426	1429
47.5	1349	1348	1348	1348	1349	1349	1350	1351	1352	1354
50.0	1275	1275	1275	1276	1277	1277	1277	1278	1278	1279
52.5	1197	1195	1193	1193	1193	1194	1195	1198	1201	1204
55.0	1112	1111	1110	1109	1110	1110	1111	1113	1115	1119
57.5	1027	1026	1026	1026	1026	1027	1027	1029	1030	1033
60.0	942.6	942.4	942.3	942.6	942.7	943.1	943.3	944.0	945.0	946.5
62.5	855.3	853.7	852.3	852.0	851.9	852.5	853.4	855.1	857.3	860.0
65.0	763.9	762.5	761.2	761.1	761.0	761.7	762.5	764.1	766.0	768.4
67.5	672.6	671.5	670.2	670.2	670.2	670.8	671.7	673.2	674.8	677.1
70.0	581.3	580.4	579.3	579.3	579.3	580.0	580.8	582.3	583.8	585.9

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-06-22

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

72.5	493.1	492.8	492.2	492.3	492.4	492.9	493.6	494.6	495.6	496.4
75.0	407.4	406.5	405.7	405.5	405.5	406.0	406.8	408.1	409.5	410.8
77.5	321.9	320.4	319.2	318.6	318.6	319.1	320.1	321.7	323.5	325.4
80.0	236.5	234.3	232.7	231.8	231.7	232.1	233.4	235.4	237.8	240.4
82.5	128.6	123.0	119.0	116.6	115.8	116.7	119.3	123.6	129.3	136.4
85.0	13.78	7.810	3.491	0.8761	0	0.8774	3.502	7.850	13.86	21.44
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	2133	2133	2133	2133	2133	2133	2133	2133	2133	2133
2.5	2124	2125	2125	2125	2126	2127	2127	2128	2129	2129
5.0	2114	2114	2115	2115	2116	2117	2118	2119	2120	2121
7.5	2102	2103	2103	2103	2103	2104	2104	2106	2107	2108
10.0	2090	2090	2089	2088	2088	2088	2088	2089	2090	2092
12.5	2070	2073	2074	2072	2071	2070	2069	2069	2070	2072
15.0	2040	2043	2045	2048	2051	2049	2047	2046	2046	2047
17.5	2010	2011	2012	2015	2018	2023	2021	2020	2019	2019
20.0	1978	1977	1978	1980	1982	1986	1991	1990	1988	1987
22.5	1945	1944	1942	1942	1944	1947	1951	1957	1953	1952
25.0	1899	1902	1905	1904	1903	1904	1908	1914	1916	1912
27.5	1851	1853	1857	1862	1861	1861	1862	1866	1874	1870
30.0	1802	1803	1805	1809	1815	1814	1813	1816	1822	1824
32.5	1753	1752	1753	1754	1758	1765	1763	1763	1768	1774
35.0	1696	1700	1699	1699	1700	1705	1710	1708	1712	1720
37.5	1631	1636	1642	1642	1641	1644	1650	1650	1651	1659
40.0	1567	1570	1574	1580	1581	1581	1584	1590	1588	1593
42.5	1502	1503	1505	1510	1517	1516	1517	1522	1523	1526
45.0	1433	1437	1436	1438	1443	1451	1448	1451	1455	1455
47.5	1357	1361	1367	1366	1368	1374	1378	1377	1383	1382
50.0	1280	1283	1287	1293	1293	1296	1304	1303	1305	1307
52.5	1204	1205	1207	1211	1217	1217	1221	1227	1225	1229
55.0	1123	1127	1127	1128	1132	1137	1138	1145	1144	1149
57.5	1036	1040	1046	1046	1047	1052	1054	1058	1062	1062
60.0	948.5	951.4	955.6	961.4	962.5	963.6	968.4	969.0	976.9	973.9
62.5	861.5	863.2	865.6	869.8	875.1	876.3	877.4	881.6	883.7	885.1
65.0	771.2	774.8	776.4	778.6	782.0	787.7	787.4	789.9	791.5	797.2
67.5	679.6	682.7	685.5	687.9	690.0	693.1	698.4	697.7	701.0	703.6
70.0	588.3	590.8	593.5	596.0	598.8	600.7	603.9	607.7	607.2	608.8
72.5	497.3	499.8	502.4	505.0	507.6	509.6	511.3	514.9	516.4	517.1
75.0	412.3	413.1	413.8	415.3	418.2	420.6	422.3	423.9	427.0	427.0
77.5	327.6	329.3	331.1	332.0	332.3	333.9	336.2	337.4	339.0	341.8
80.0	243.2	246.1	248.9	251.4	253.0	253.8	253.6	255.1	256.0	257.4
82.5	144.7	154.4	165.0	171.5	174.7	177.1	178.3	178.4	177.8	178.4
85.0	30.48	40.87	52.43	65.04	78.16	91.42	104.1	106.5	107.1	106.1
87.5	0	0	0	0	0	0	0	15.23	29.43	41.31
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	2133	2133								
2.5	2130	2131								
5.0	2123	2125								
7.5	2110	2112								
10.0	2094	2097								
12.5	2074	2077								
15.0	2049	2053								
17.5	2021	2025								
20.0	1989	1993								
22.5	1953	1956								
25.0	1912	1916								
27.5	1869	1872								
30.0	1821	1823								
32.5	1771	1772								
35.0	1716	1716								
37.5	1658	1657								
40.0	1597	1595								
42.5	1532	1529								
45.0	1465	1459								
47.5	1390	1387								
50.0	1313	1311								
52.5	1232	1233								
55.0	1149	1151								
57.5	1063	1067								
60.0	975.9	980.9								
62.5	887.1	893.1								

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-06-22

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

65.0	796.8	800.6
67.5	702.7	706.4
70.0	610.2	612.0
72.5	520.1	518.5
75.0	428.9	428.2
77.5	340.8	340.5
80.0	257.4	257.6
82.5	179.7	179.0
85.0	106.4	106.6
87.5	43.89	43.40
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: