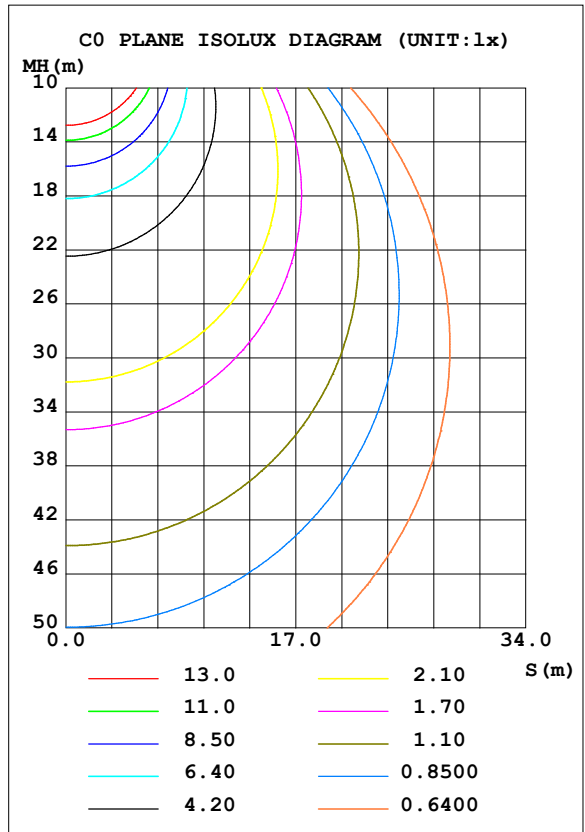
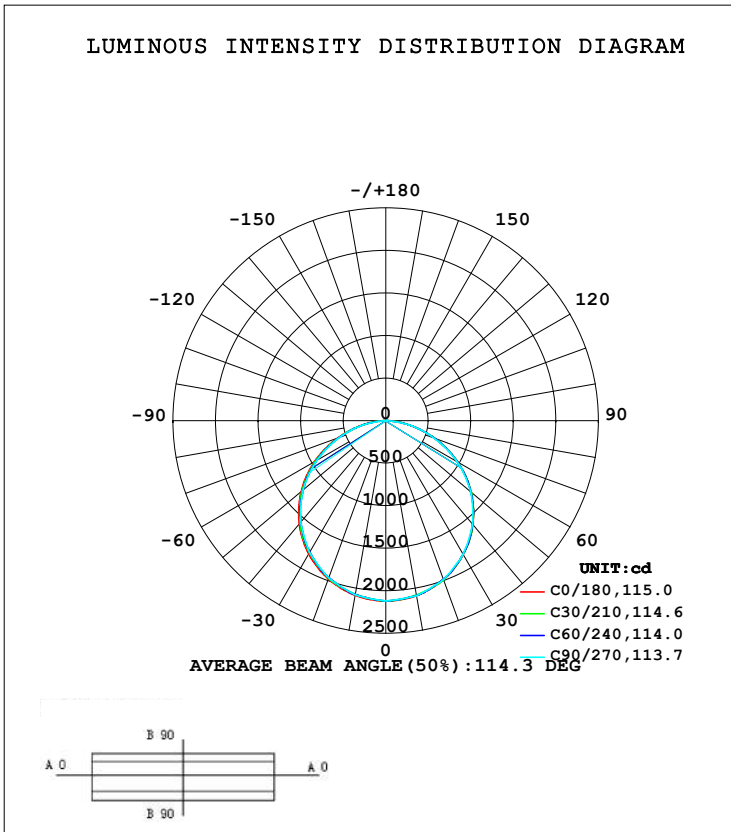


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.43V I:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.28 lm/W			
MODEL	BPL2-1212X603-50W-P-TCP 4000K	I _{max} (cd)	2120	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)	6143.6	η UP, DN (C0-180)	0.0, 50.4
NOMINAL FLUX (lm)	6143.6	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:

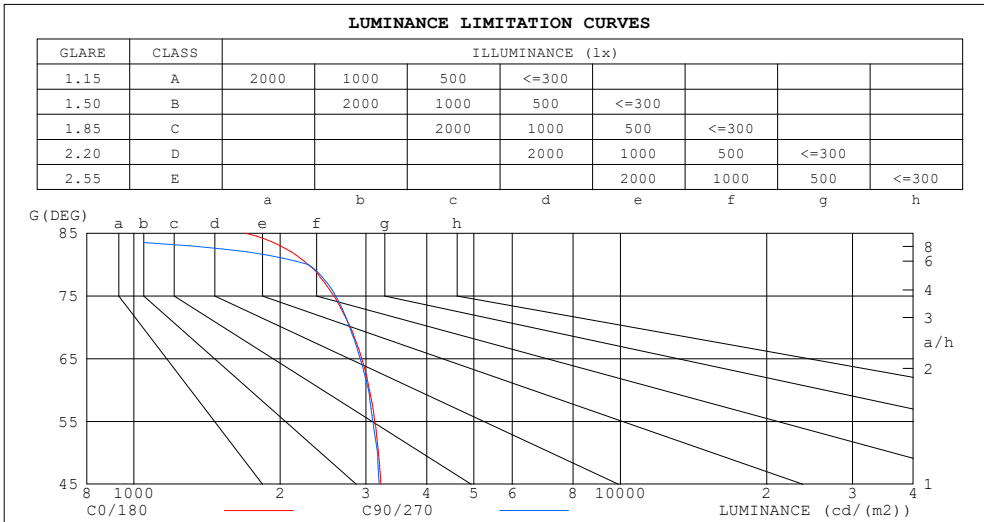
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2088	2083	2089	2079	2084	2072	2078	2076	0- 10	200.1	200.1	3.26,3.26
20	1986	1982	1988	1975	1979	1962	1967	1967	10- 20	574.4	774.5	12.6,12.6
30	1820	1819	1818	1810	1811	1792	1791	1798	20- 30	874.6	1649	26.8,26.8
40	1593	1596	1588	1584	1583	1562	1556	1572	30- 40	1062	2711	44.1,44.1
50	1310	1312	1304	1303	1300	1280	1269	1287	40- 50	1110	3821	62.2,62.2
60	977.0	981.9	972.2	968.5	969.1	947.2	937.6	957.0	50- 60	1011	4832	78.7,78.7
70	610.7	614.8	607.9	606.4	605.5	588.9	576.1	593.6	60- 70	774.0	5606	91.3,91.3
80	253.6	264.4	254.2	258.4	249.5	246.8	230.7	250.4	70- 80	443.9	6050	98.5,98.5
90	7.100	0	0	0	6.442	0	0	0	80- 90	93.42	6144	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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:



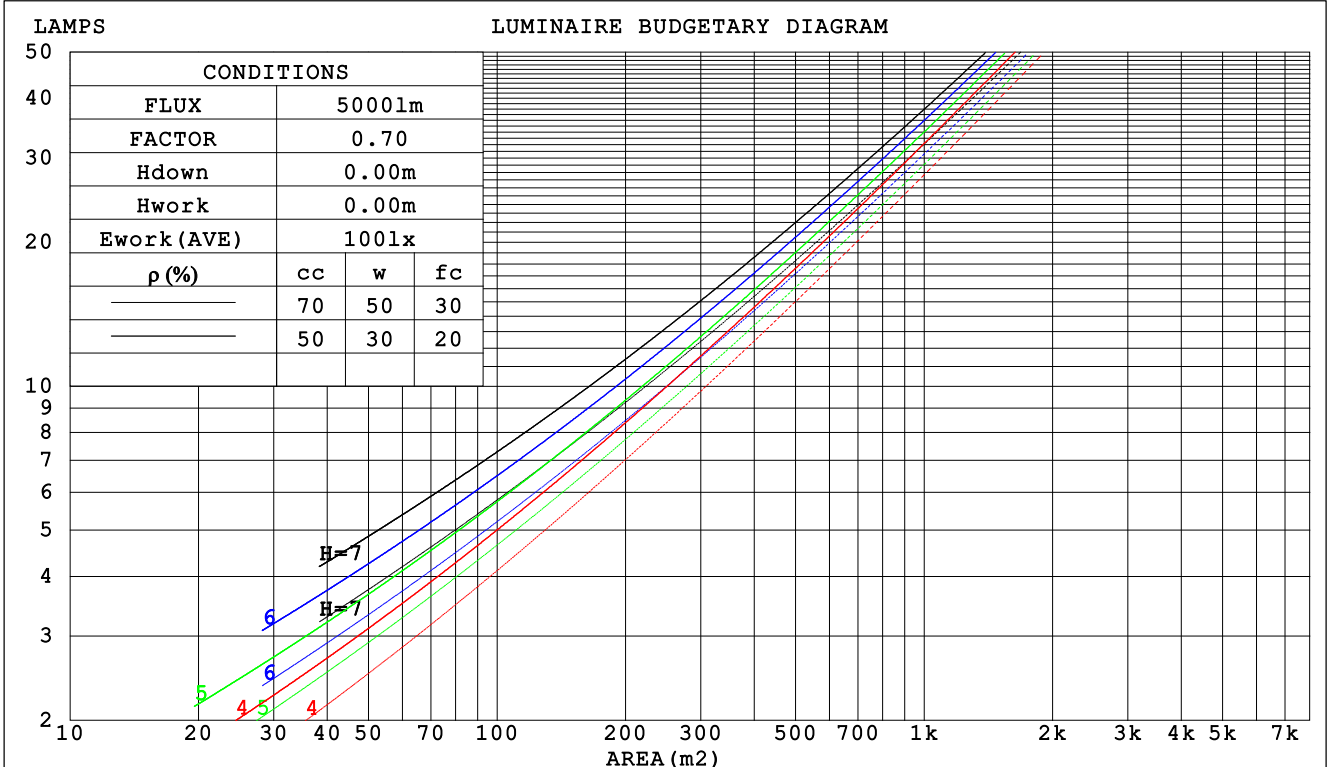
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-06-22

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.43V I:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	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						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	.35	.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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	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						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	.211	.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	

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						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0																
1.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm										
NAME: BPL2-1212X603-50W-P-TCP 4000K					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	18.5	16.2	17.8	16.5	18.1	18.4
3H	18.1	19.6	18.5	19.9	20.3	18.0	19.5	18.4	19.8	20.2
4H	18.8	20.2	19.2	20.5	20.9	18.7	20.1	19.1	20.5	20.8
6H	19.2	20.5	19.6	20.9	21.3	19.2	20.5	19.6	20.9	21.3
8H	19.3	20.6	19.7	21.0	21.3	19.3	20.6	19.7	20.9	21.3
12H	19.4	20.6	19.8	21.0	21.4	19.3	20.5	19.7	20.9	21.3
4H 2H	16.9	18.3	17.3	18.7	19.0	16.8	18.2	17.2	18.6	18.9
3H	19.0	20.1	19.4	20.5	20.9	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	20.1	21.2	21.6
6H	20.3	21.2	20.8	21.7	22.1	20.3	21.3	20.8	21.7	22.2
8H	20.5	21.3	20.9	21.8	22.2	20.5	21.3	20.9	21.8	22.2
12H	20.6	21.3	21.0	21.8	22.3	20.5	21.3	21.0	21.7	22.2
8H 4H	20.1	21.0	20.5	21.4	21.9	20.0	20.9	20.5	21.3	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	21.6	21.5	22.2	22.6	21.0	21.6	21.5	22.1	22.6
12H	21.2	21.7	21.7	22.2	22.8	21.0	21.5	21.5	22.0	22.6
12H 4H	20.1	20.9	20.6	21.4	21.8	20.1	20.8	20.5	21.3	21.8
6H	20.8	21.5	21.4	22.0	22.5	20.8	21.5	21.4	22.0	22.5
8H	21.1	21.7	21.6	22.2	22.7	21.1	21.6	21.6	22.1	22.7
CIE190: 2010										

CIE190: 2010
Area: 0.64 m2

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:

UTILIZATION FACTORS TABLE

Test:U:120.43V I:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

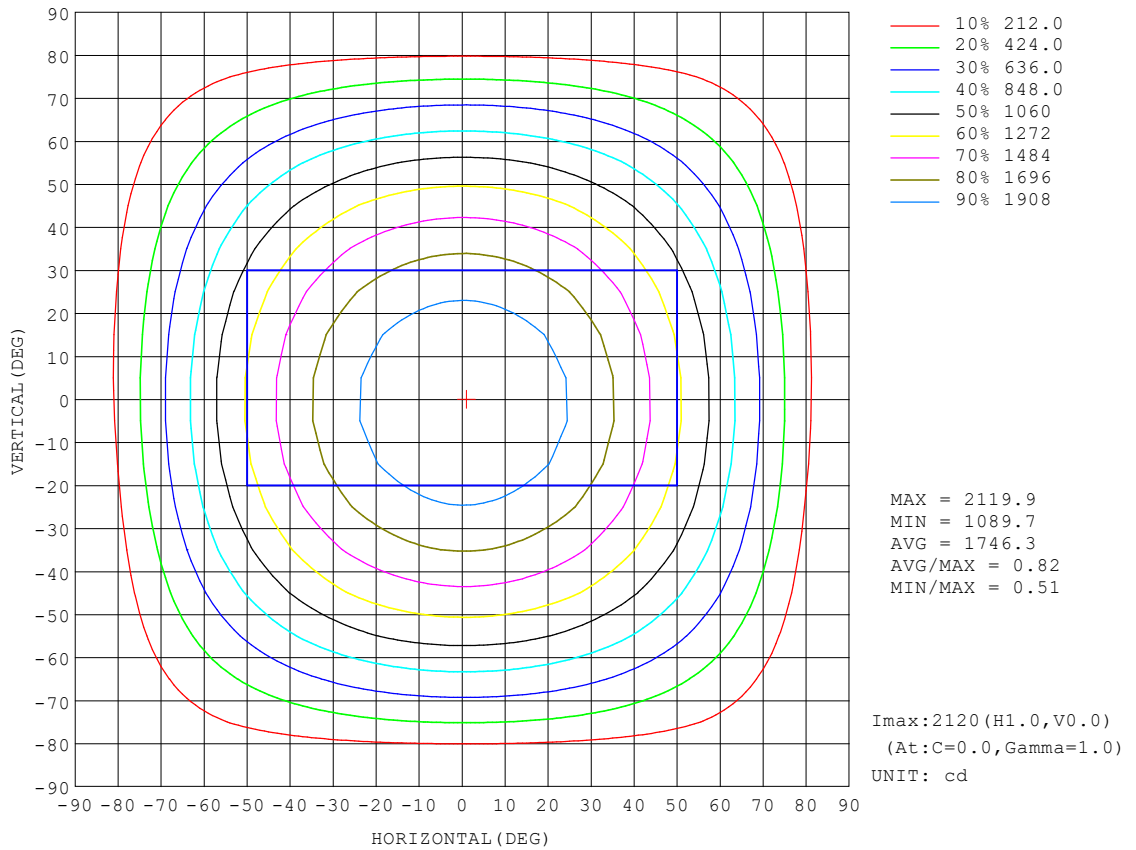
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

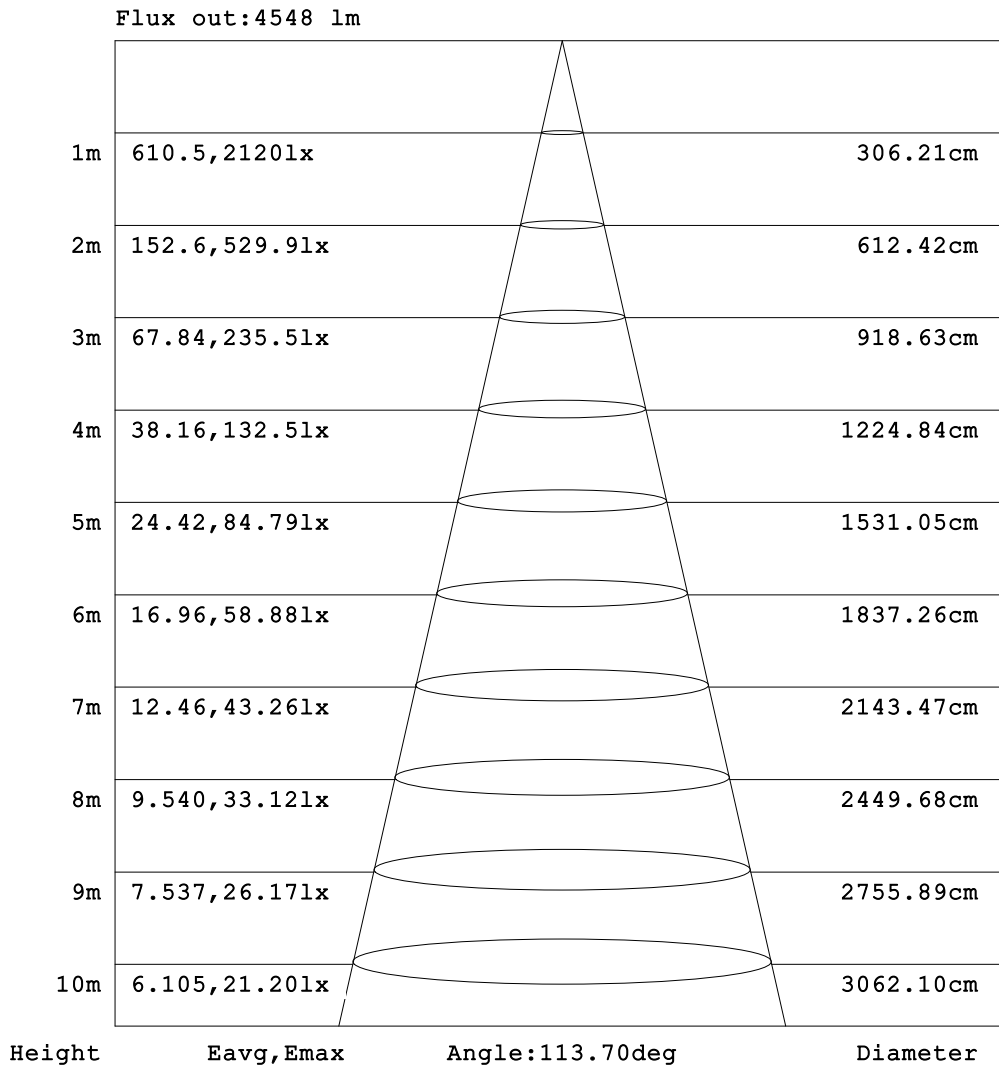


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-06-22

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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:



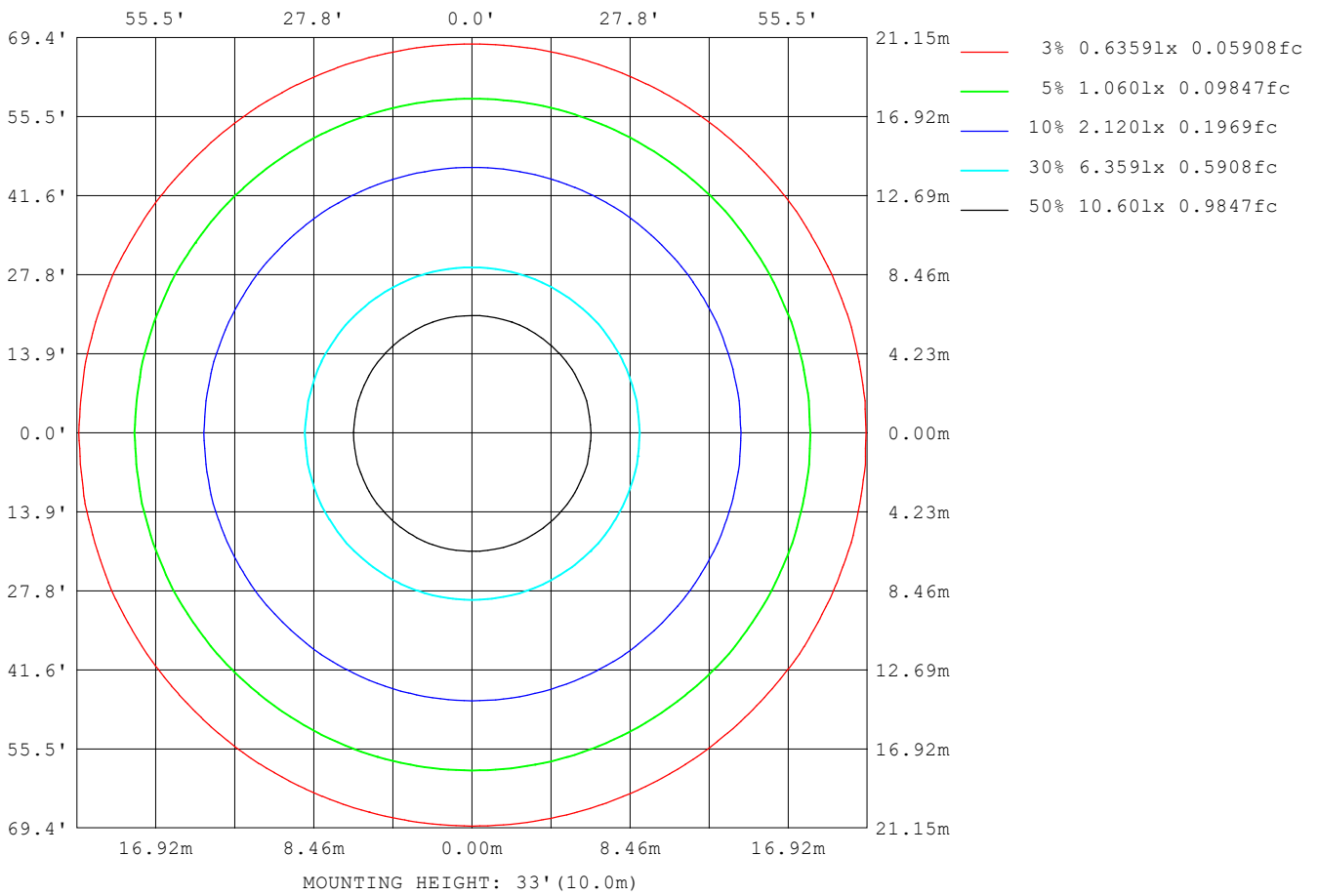
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

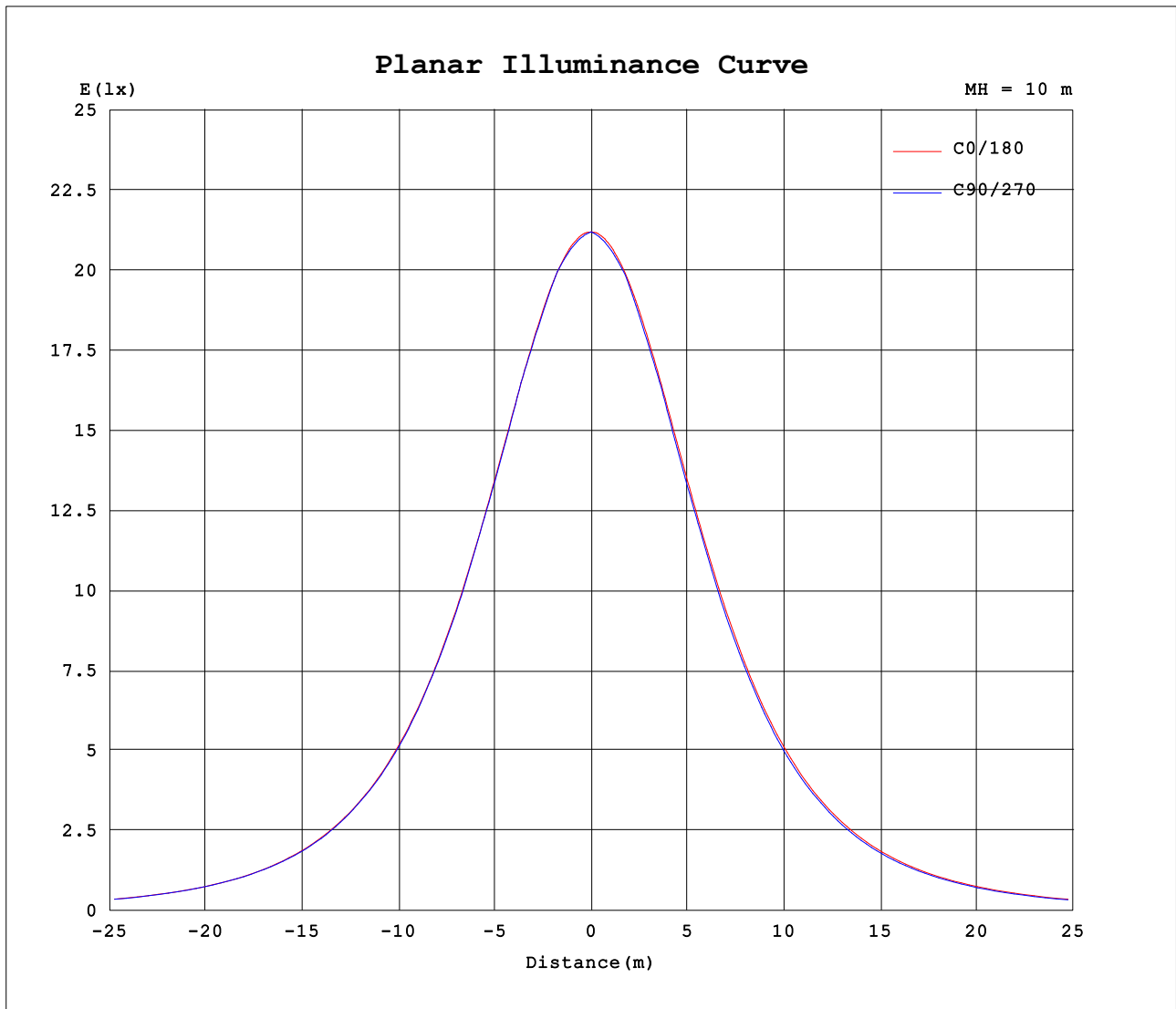
AvgL	cd/m2
L_0~180 (65) av	2931
L_0~180 (75) av	2567
L_0~180 (85) av	1620
L_90~270 (65) av	2860
L_90~270 (75) av	2519
L_90~270 (85) av	0
L_45 (65) av	2893
L_45 (75) av	2531
L_45 (85) av	1191

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

Table with 3 columns: NAME, TYPE, WEIGHT, SPEC., DIM., SERIAL No., MFR., SUR., Shielding Angle. Contains test parameters like BPL2-1212X603-50W-P-TCP 4000K and test results.

Table--1

UNIT: cd

Large data table with 20 columns (0-90 degrees) and 20 rows (0-90 degrees). Contains luminous intensity values in cd for various angles.

H(B) Range:-90 - 90DEG
H(B) 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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
5	2104	2104	2104	2104	2104	2104	2103	2103	2104	2104	2104	2105	2105	2106	2107	2108	2109	2110	2108
10	2088	2088	2087	2086	2085	2084	2082	2080	2079	2078	2077	2077	2077	2077	2078	2079	2081	2084	2080
15	2038	2038	2037	2037	2037	2037	2038	2040	2041	2042	2038	2036	2034	2033	2033	2034	2037	2041	2036
20	1987	1986	1984	1982	1981	1979	1977	1976	1975	1976	1978	1981	1977	1974	1973	1972	1975	1979	1973
25	1902	1902	1901	1902	1902	1904	1906	1907	1903	1900	1899	1899	1902	1902	1897	1896	1898	1903	1896
30	1817	1816	1814	1812	1810	1808	1808	1808	1810	1815	1811	1807	1806	1809	1808	1804	1805	1811	1803
35	1703	1702	1702	1702	1702	1705	1707	1703	1701	1701	1704	1706	1700	1699	1703	1697	1697	1703	1695
40	1587	1586	1585	1582	1581	1579	1579	1580	1584	1581	1579	1581	1585	1578	1578	1578	1576	1583	1574
45	1445	1445	1445	1445	1446	1448	1449	1446	1444	1444	1448	1444	1445	1448	1442	1446	1441	1447	1438
50	1303	1301	1300	1298	1296	1296	1296	1298	1303	1298	1296	1299	1296	1298	1296	1295	1293	1300	1290
55	1137	1137	1136	1137	1138	1139	1140	1137	1136	1138	1141	1136	1138	1136	1142	1134	1134	1140	1132
60	972	971	969	968	967	966	966	967	969	967	966	970	967	968	966	966	964	969	963
65	789	789	789	789	789	790	791	790	788	788	789	788	789	787	787	791	786	790	785
70	607	606	606	605	605	605	605	606	606	607	605	603	601	599	595	596	600	605	600
75	430	430	429	429	429	428	426	424	423	424	424	422	416	409	405	402	411	424	422
80	254	254	255	256	257	257	258	258	258	257	254	250	246	240	230	221	220	249	253
85	0.96	3.82	8.52	15.0	23.1	32.6	43.3	55.1	67.7	80.5	92.8	104	104	100	92.6	82.7	70.9	86.0	104
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	6.44	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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
5	2107	2105	2104	2103	2102	2101	2100	2100	2099	2099	2099	2099	2099	2099	2099	2099	2099	2099	2099
10	2078	2075	2073	2072	2071	2071	2071	2072	2073	2073	2074	2075	2076	2077	2077	2078	2078	2078	2078
15	2032	2029	2028	2028	2029	2030	2032	2030	2028	2025	2024	2023	2023	2022	2022	2023	2023	2023	2024
20	1969	1967	1967	1970	1971	1966	1963	1962	1961	1961	1962	1963	1964	1965	1966	1967	1967	1967	1967
25	1892	1891	1894	1892	1887	1885	1885	1887	1889	1887	1883	1881	1880	1879	1879	1879	1879	1880	1880
30	1799	1801	1800	1795	1794	1796	1797	1792	1788	1786	1786	1786	1787	1788	1789	1790	1791	1791	1791
35	1693	1696	1689	1688	1692	1687	1682	1680	1681	1683	1679	1677	1674	1673	1673	1672	1673	1674	1674
40	1573	1571	1568	1573	1565	1561	1562	1562	1557	1554	1552	1552	1553	1553	1554	1555	1556	1556	1556
45	1441	1435	1438	1432	1429	1431	1425	1422	1421	1423	1420	1417	1414	1413	1412	1412	1412	1413	1414
50	1291	1289	1288	1283	1284	1279	1278	1280	1273	1269	1267	1266	1266	1267	1267	1268	1269	1269	1270
55	1130	1135	1126	1126	1122	1124	1119	1114	1113	1113	1110	1107	1105	1104	1103	1103	1103	1104	1105
60	962	960	959	956	957	950	948	947	943	940	938	937	937	937	937	937	938	938	939
65	788	783	781	780	776	775	771	768	767	766	763	761	759	758	757	757	757	757	759
70	600	599	599	597	594	593	592	589	586	584	581	579	578	577	576	576	576	577	578
75	420	420	419	418	416	414	411	408	407	407	407	406	405	404	404	403	403	404	405
80	254	252	252	250	248	248	248	247	245	243	240	238	235	233	232	231	231	231	233
85	104	104	105	104	102	89.5	76.6	63.8	51.5	40.2	30.1	21.2	13.7	7.77	3.48	0.87	0.00	0.87	3.49
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:0.4009A P:47.890W PF:0.9930 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6143.6x1 lm		
NAME: BPL2-1212X603-50W-P-TCP 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.155*0.545	Shielding Angle:

Table--4

UNIT: cd

C (DEG) \ y (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120				
5	2099	2100	2100	2100	2101	2101	2102	2102	2103	2104	2105	2106	2107	2109	2110				
10	2078	2078	2077	2077	2076	2076	2076	2075	2075	2075	2076	2077	2079	2082	2085				
15	2024	2025	2026	2028	2029	2032	2036	2039	2036	2034	2034	2034	2035	2037	2040				
20	1966	1966	1966	1965	1966	1966	1967	1971	1974	1980	1978	1976	1976	1977	1981				
25	1881	1883	1884	1888	1892	1894	1893	1892	1893	1897	1902	1905	1902	1902	1905				
30	1791	1791	1791	1792	1793	1795	1798	1805	1804	1803	1807	1813	1814	1811	1813				
35	1676	1679	1682	1686	1691	1689	1689	1691	1696	1701	1699	1702	1710	1706	1707				
40	1556	1556	1557	1559	1561	1565	1572	1573	1572	1576	1582	1580	1585	1588	1586				
45	1416	1418	1422	1425	1429	1429	1431	1436	1444	1441	1443	1448	1448	1458	1452				
50	1271	1271	1272	1274	1277	1280	1287	1287	1290	1298	1296	1299	1300	1306	1305				
55	1107	1109	1113	1118	1121	1121	1123	1127	1132	1133	1140	1139	1144	1143	1146				
60	939	940	942	944	947	951	957	958	959	964	965	972	969	971	976				
65	760	762	765	768	771	773	775	779	784	784	786	788	793	793	797				
70	579	581	583	586	588	591	594	596	598	601	605	605	606	607	609				
75	406	408	409	410	411	412	414	416	419	420	422	425	425	427	426				
80	235	237	239	242	245	248	250	252	253	254	255	256	256	256	256				
85	7.82	13.8	21.4	30.4	40.7	52.2	64.8	77.8	90.9	103	106	106	105	106	106				
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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
2.5	2118	2118	2117	2117	2116	2116	2115	2115	2114	2114
5.0	2112	2111	2110	2109	2108	2107	2106	2106	2106	2106
7.5	2102	2100	2099	2098	2097	2096	2096	2095	2095	2095
10.0	2088	2086	2084	2082	2081	2081	2081	2081	2082	2083
12.5	2069	2066	2064	2063	2062	2062	2063	2065	2067	2069
15.0	2045	2042	2040	2039	2040	2041	2043	2045	2048	2047
17.5	2018	2014	2012	2012	2013	2015	2019	2022	2018	2015
20.0	1986	1983	1981	1981	1983	1987	1990	1986	1983	1982
22.5	1951	1947	1945	1946	1950	1955	1951	1948	1947	1947
25.0	1912	1907	1906	1909	1914	1913	1909	1908	1908	1910
27.5	1868	1863	1863	1866	1872	1867	1865	1865	1868	1870
30.0	1820	1816	1816	1821	1823	1818	1817	1820	1823	1819
32.5	1769	1765	1766	1773	1769	1766	1768	1772	1768	1766
35.0	1714	1710	1712	1719	1713	1712	1716	1714	1711	1712
37.5	1655	1651	1654	1658	1654	1655	1657	1653	1653	1656
40.0	1593	1589	1594	1594	1591	1596	1592	1592	1594	1596
42.5	1527	1524	1530	1527	1527	1529	1526	1528	1531	1526
45.0	1458	1455	1464	1457	1460	1457	1458	1464	1458	1455
47.5	1385	1383	1390	1384	1389	1385	1389	1387	1384	1384
50.0	1310	1308	1312	1310	1310	1311	1315	1310	1309	1312
52.5	1231	1230	1232	1232	1231	1236	1233	1231	1235	1230
55.0	1149	1149	1149	1152	1150	1154	1150	1152	1150	1148
57.5	1065	1065	1064	1065	1068	1067	1067	1067	1065	1066
60.0	977.0	979.2	976.2	977.4	983.1	978.7	980.8	978.5	980.6	981.9
62.5	887.4	891.6	888.0	888.7	889.9	891.0	889.8	891.7	893.3	889.7
65.0	795.9	799.6	797.8	800.6	797.7	798.9	798.8	803.1	799.5	798.4
67.5	703.1	705.5	703.6	707.1	706.9	706.5	710.5	707.8	706.8	707.8
70.0	610.7	610.6	610.8	611.2	612.1	616.3	614.5	614.2	615.0	614.8
72.5	517.3	517.4	519.5	517.0	518.7	520.5	520.4	522.4	522.9	522.7
75.0	426.8	425.4	420.8	419.5	424.2	425.5	429.1	431.7	432.4	432.0
77.5	338.7	330.1	322.0	326.9	330.4	335.7	341.2	343.3	345.1	346.9
80.0	253.6	234.1	231.6	238.0	245.3	252.6	257.1	261.8	264.0	264.4
82.5	171.8	147.0	153.5	161.1	169.9	176.9	181.8	184.0	184.1	182.9
85.0	94.71	79.90	87.78	97.12	104.4	107.9	108.1	95.98	82.90	69.55
87.5	29.30	36.05	39.78	41.29	29.87	15.63	0	0	0	0
90.0	7.100	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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
2.5	2114	2113	2113	2113	2113	2112	2112	2112	2112	2112
5.0	2105	2105	2105	2105	2105	2105	2105	2104	2104	2104
7.5	2095	2096	2096	2097	2097	2097	2097	2097	2097	2096
10.0	2084	2085	2086	2087	2088	2089	2089	2089	2089	2088
12.5	2071	2071	2069	2067	2066	2066	2065	2064	2063	2063
15.0	2045	2043	2041	2040	2040	2039	2039	2038	2038	2038
17.5	2014	2013	2013	2013	2012	2013	2013	2013	2013	2012
20.0	1982	1982	1983	1984	1985	1987	1987	1987	1988	1987
22.5	1948	1950	1953	1951	1949	1947	1946	1946	1945	1945
25.0	1913	1911	1908	1907	1905	1904	1903	1903	1903	1902
27.5	1866	1864	1862	1862	1861	1861	1861	1861	1861	1860
30.0	1816	1815	1815	1816	1817	1818	1818	1818	1818	1817
32.5	1765	1766	1768	1770	1767	1764	1762	1762	1761	1760
35.0	1714	1716	1713	1710	1707	1706	1704	1704	1703	1703
37.5	1658	1653	1650	1648	1647	1647	1646	1647	1645	1645
40.0	1591	1589	1587	1587	1587	1588	1588	1589	1588	1587
42.5	1523	1523	1524	1525	1523	1521	1519	1518	1517	1517
45.0	1455	1458	1456	1452	1451	1449	1448	1447	1446	1445
47.5	1387	1383	1380	1379	1378	1377	1376	1376	1375	1374
50.0	1308	1306	1305	1304	1304	1305	1305	1304	1304	1303
52.5	1228	1228	1229	1230	1228	1226	1224	1222	1221	1220
55.0	1149	1151	1149	1145	1143	1141	1140	1139	1138	1137
57.5	1068	1064	1062	1059	1058	1057	1057	1056	1055	1055
60.0	977.9	975.7	974.5	973.7	973.4	973.3	973.3	972.9	972.2	971.7
62.5	887.9	887.4	887.5	887.9	886.0	884.3	883.2	882.0	881.1	880.7
65.0	798.4	798.9	797.0	795.5	794.1	792.8	791.8	790.8	790.1	789.4
67.5	707.0	705.9	704.7	703.5	702.3	701.4	700.4	699.6	699.0	698.2
70.0	614.3	613.5	612.7	611.8	610.6	610.1	609.1	608.4	607.9	606.9
72.5	522.4	521.8	521.1	521.5	521.2	521.2	520.5	519.9	519.4	518.6
75.0	432.6	433.9	434.3	434.3	433.7	433.2	432.3	431.6	431.0	430.4
77.5	348.0	348.4	348.0	347.3	346.3	345.3	344.1	343.2	342.6	342.2
80.0	264.2	263.3	262.1	260.6	259.0	257.4	256.0	254.9	254.2	253.9
82.5	178.0	167.5	157.9	149.2	141.8	135.6	131.1	128.2	127.1	127.7
85.0	56.56	44.34	33.24	23.45	15.19	8.613	3.846	0.9638	0	0.9601

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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
2.5	2112	2112	2112	2112	2113	2113	2113	2113	2114	2114
5.0	2104	2104	2104	2104	2104	2103	2103	2104	2104	2104
7.5	2096	2096	2095	2094	2094	2094	2093	2093	2092	2092
10.0	2088	2087	2086	2085	2084	2082	2080	2079	2078	2077
12.5	2063	2063	2064	2065	2065	2066	2066	2064	2062	2060
15.0	2038	2037	2037	2037	2037	2038	2038	2040	2041	2038
17.5	2012	2011	2010	2009	2009	2009	2008	2009	2010	2013
20.0	1986	1984	1982	1981	1979	1977	1976	1975	1976	1978
22.5	1945	1945	1946	1948	1948	1945	1942	1940	1939	1939
25.0	1902	1901	1902	1902	1904	1906	1907	1903	1900	1899
27.5	1859	1858	1857	1857	1856	1858	1859	1863	1859	1856
30.0	1816	1814	1812	1810	1808	1808	1808	1810	1815	1811
32.5	1760	1761	1762	1764	1760	1758	1756	1757	1758	1763
35.0	1702	1702	1702	1702	1705	1707	1703	1701	1701	1704
37.5	1644	1643	1642	1642	1642	1643	1647	1644	1642	1641
40.0	1586	1585	1582	1581	1579	1579	1580	1584	1581	1579
42.5	1517	1517	1518	1519	1516	1514	1513	1514	1517	1514
45.0	1445	1445	1445	1446	1448	1449	1446	1444	1444	1448
47.5	1373	1372	1371	1371	1372	1375	1378	1374	1372	1373
50.0	1301	1300	1298	1296	1296	1296	1298	1303	1298	1296
52.5	1220	1220	1221	1222	1219	1218	1218	1220	1225	1219
55.0	1137	1136	1137	1138	1139	1140	1137	1136	1138	1141
57.5	1054	1053	1053	1052	1052	1054	1056	1053	1052	1055
60.0	970.6	969.3	968.3	967.2	966.1	966.1	966.6	968.5	967.0	966.4
62.5	880.4	880.3	881.0	882.0	880.0	878.7	877.7	877.6	879.6	878.3
65.0	789.0	788.6	788.9	789.4	790.0	791.0	789.6	788.0	787.9	789.2
67.5	697.6	697.1	696.9	697.3	697.2	697.7	698.7	698.9	697.3	696.4
70.0	606.3	605.6	605.0	605.3	604.9	605.4	606.0	606.4	607.2	605.3
72.5	517.9	517.0	515.8	515.1	513.3	513.6	514.0	514.2	514.6	514.6
75.0	430.0	429.5	429.0	428.7	427.7	426.2	424.3	423.2	423.7	423.6
77.5	342.1	342.1	342.4	342.5	342.4	341.7	340.8	339.4	336.7	335.0
80.0	254.2	254.8	255.8	256.6	257.3	257.8	258.3	258.4	257.2	254.5
82.5	130.1	134.2	140.0	146.8	154.7	163.7	173.5	178.2	179.0	178.4
85.0	3.819	8.524	15.00	23.07	32.56	43.35	55.12	67.68	80.46	92.85
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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
2.5	2114	2115	2115	2115	2116	2117	2117	2116	2116	2115
5.0	2105	2105	2106	2107	2108	2109	2110	2108	2107	2105
7.5	2092	2092	2093	2094	2095	2097	2099	2096	2094	2092
10.0	2077	2077	2077	2078	2079	2081	2084	2080	2078	2075
12.5	2058	2057	2057	2057	2058	2061	2064	2060	2056	2054
15.0	2036	2034	2033	2033	2034	2037	2041	2036	2032	2029
17.5	2011	2008	2005	2004	2005	2007	2011	2006	2002	2000
20.0	1981	1977	1974	1973	1972	1975	1979	1973	1969	1967
22.5	1942	1945	1939	1936	1936	1938	1943	1936	1932	1931
25.0	1899	1902	1902	1897	1896	1898	1903	1896	1892	1891
27.5	1855	1856	1860	1854	1851	1853	1859	1851	1847	1848
30.0	1807	1806	1809	1808	1804	1805	1811	1803	1799	1801
32.5	1758	1755	1755	1758	1752	1753	1759	1750	1748	1751
35.0	1706	1700	1699	1703	1697	1697	1703	1695	1693	1696
37.5	1647	1644	1640	1642	1640	1638	1645	1636	1635	1635
40.0	1581	1585	1578	1578	1578	1576	1583	1574	1573	1571
42.5	1513	1517	1514	1514	1514	1510	1517	1507	1508	1504
45.0	1444	1445	1448	1442	1446	1441	1447	1438	1441	1435
47.5	1373	1371	1378	1370	1372	1368	1375	1366	1367	1363
50.0	1299	1296	1298	1296	1295	1293	1300	1290	1291	1289
52.5	1218	1220	1218	1220	1216	1214	1221	1213	1211	1213
55.0	1136	1138	1136	1142	1134	1134	1140	1132	1130	1135
57.5	1055	1052	1053	1054	1051	1051	1056	1049	1047	1048
60.0	970.4	966.7	967.5	965.8	965.8	964.4	969.1	962.8	962.0	959.9
62.5	878.5	881.1	877.1	876.6	879.6	877.2	880.8	875.9	875.9	871.2
65.0	787.7	788.9	786.6	786.9	791.0	786.3	789.7	785.3	787.8	782.9
67.5	697.3	694.3	696.1	692.0	693.7	693.3	698.0	692.6	692.7	690.8
70.0	602.7	600.7	598.5	595.3	596.5	599.9	605.5	600.4	600.3	599.1
72.5	511.2	506.5	502.1	501.4	499.2	505.3	513.6	509.4	509.6	511.3
75.0	421.5	416.2	409.5	404.6	401.5	410.8	423.5	422.1	420.2	420.3
77.5	333.4	329.1	321.8	313.1	309.3	315.1	337.0	336.5	336.2	334.2

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	249.6	246.2	240.1	230.3	221.1	220.4	249.5	253.3	253.6	252.4
82.5	176.1	171.5	164.4	156.9	144.6	136.8	164.3	175.9	176.2	175.6
85.0	104.2	104.0	100.2	92.56	82.66	70.92	86.00	104.4	104.4	103.6
87.5	0	15.01	28.42	38.44	35.17	31.07	25.05	41.57	42.11	40.45
90.0	0	0	0	0	0	0	6.442	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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
2.5	2114	2113	2113	2113	2112	2111	2111	2111	2110	2110
5.0	2104	2103	2102	2101	2100	2100	2099	2099	2099	2099
7.5	2091	2089	2088	2088	2087	2087	2087	2087	2087	2087
10.0	2073	2072	2071	2071	2071	2072	2073	2073	2074	2075
12.5	2052	2052	2052	2052	2053	2054	2056	2057	2054	2052
15.0	2028	2028	2029	2030	2032	2030	2028	2025	2024	2023
17.5	1999	2000	2002	2004	2000	1997	1995	1994	1993	1993
20.0	1967	1970	1971	1966	1963	1962	1961	1961	1962	1963
22.5	1932	1935	1930	1927	1925	1925	1926	1927	1929	1928
25.0	1894	1892	1887	1885	1885	1887	1889	1887	1883	1881
27.5	1851	1845	1842	1841	1843	1846	1840	1837	1835	1834
30.0	1800	1795	1794	1796	1797	1792	1788	1786	1786	1786
32.5	1746	1743	1744	1748	1741	1737	1735	1735	1736	1738
35.0	1689	1688	1692	1687	1682	1680	1681	1683	1679	1677
37.5	1630	1631	1631	1625	1622	1623	1624	1619	1616	1614
40.0	1568	1573	1565	1561	1562	1562	1557	1554	1552	1552
42.5	1504	1505	1498	1496	1498	1492	1489	1488	1489	1490
45.0	1438	1432	1429	1431	1425	1422	1421	1423	1420	1417
47.5	1367	1359	1358	1355	1351	1351	1353	1348	1343	1342
50.0	1288	1283	1284	1279	1278	1280	1273	1269	1267	1266
52.5	1208	1207	1203	1201	1204	1197	1193	1191	1191	1191
55.0	1126	1126	1122	1124	1119	1114	1113	1113	1110	1107
57.5	1044	1041	1041	1039	1033	1032	1032	1027	1024	1022
60.0	959.1	955.7	956.8	950.3	948.4	947.2	942.9	940.0	938.3	937.0
62.5	869.7	871.1	865.5	863.1	861.7	857.3	854.7	853.2	852.7	852.4
65.0	780.5	780.1	775.9	774.8	770.6	768.1	767.3	766.2	763.3	761.0
67.5	692.8	687.5	686.5	682.7	681.0	680.5	677.5	674.8	672.0	669.9
70.0	598.7	596.5	594.0	592.5	591.9	588.9	586.0	583.6	581.3	579.1
72.5	507.1	505.5	504.0	503.1	500.8	498.0	495.3	493.1	490.6	490.4
75.0	418.6	417.6	416.3	414.0	411.4	408.4	407.3	407.4	406.5	405.9
77.5	333.5	332.5	330.3	327.2	325.8	326.2	325.7	324.7	323.0	321.6
80.0	252.3	250.4	248.1	248.3	247.9	246.8	244.8	242.5	239.9	237.6
82.5	173.9	174.6	174.4	173.3	171.2	168.3	162.2	152.0	142.8	134.8
85.0	104.8	104.3	101.9	89.47	76.59	63.79	51.54	40.24	30.07	21.19
87.5	28.91	14.92	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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
2.5	2110	2110	2109	2109	2109	2109	2109	2110	2110	2110
5.0	2099	2099	2099	2099	2099	2099	2099	2099	2100	2100
7.5	2088	2088	2089	2089	2089	2088	2089	2089	2089	2089
10.0	2076	2077	2077	2078	2078	2078	2078	2078	2078	2077
12.5	2052	2051	2050	2051	2050	2050	2052	2053	2053	2055
15.0	2023	2022	2022	2023	2023	2023	2024	2024	2025	2026
17.5	1994	1994	1994	1995	1995	1995	1996	1996	1996	1996
20.0	1964	1965	1966	1967	1967	1967	1967	1966	1966	1966
22.5	1925	1924	1923	1923	1923	1924	1925	1926	1928	1931
25.0	1880	1879	1879	1879	1879	1880	1880	1881	1883	1884
27.5	1833	1833	1834	1834	1835	1835	1835	1836	1837	1838
30.0	1787	1788	1789	1790	1791	1791	1791	1791	1791	1791
32.5	1735	1733	1732	1731	1732	1733	1734	1736	1739	1743
35.0	1674	1673	1673	1672	1673	1674	1674	1676	1679	1682
37.5	1614	1613	1614	1614	1614	1615	1615	1616	1618	1620
40.0	1553	1553	1554	1555	1556	1556	1556	1556	1556	1557
42.5	1488	1485	1484	1483	1484	1485	1486	1488	1491	1495
45.0	1414	1413	1412	1412	1412	1413	1414	1416	1418	1422
47.5	1340	1340	1339	1340	1341	1341	1342	1343	1345	1347
50.0	1266	1267	1267	1268	1269	1269	1270	1271	1271	1272
52.5	1190	1187	1186	1186	1186	1187	1189	1191	1194	1198
55.0	1105	1104	1103	1103	1103	1104	1105	1107	1109	1113
57.5	1021	1020	1020	1020	1020	1021	1022	1023	1025	1028
60.0	936.8	936.9	936.8	937.1	937.6	937.8	938.6	939.2	940.2	941.9
62.5	850.0	848.6	847.4	847.0	847.2	847.7	849.2	850.9	853.2	856.1
65.0	759.1	757.9	756.9	756.7	756.9	757.4	758.8	760.3	762.4	764.8
67.5	668.3	667.3	666.5	666.3	666.5	667.1	668.4	669.7	671.6	673.8
70.0	577.7	576.9	576.1	576.0	576.1	576.8	578.0	579.3	581.0	583.2

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	490.2	489.9	489.5	489.6	489.8	490.3	491.2	492.2	493.1	494.1
75.0	405.1	404.3	403.6	403.3	403.4	403.9	404.9	406.2	407.6	408.9
77.5	320.1	318.7	317.6	317.1	317.1	317.6	318.7	320.3	322.1	324.1
80.0	235.4	233.2	231.7	230.9	230.7	231.2	232.6	234.5	236.9	239.4
82.5	128.0	122.4	118.5	116.1	115.4	116.2	118.9	123.1	128.9	135.9
85.0	13.72	7.774	3.477	0.8726	0	0.8737	3.489	7.820	13.81	21.36
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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
2.5	2111	2111	2111	2112	2113	2113	2114	2114	2115	2116
5.0	2100	2101	2101	2102	2102	2103	2104	2105	2106	2107
7.5	2089	2089	2089	2089	2090	2091	2092	2093	2094	2096
10.0	2077	2076	2076	2076	2075	2075	2075	2076	2077	2079
12.5	2057	2060	2060	2059	2057	2057	2057	2057	2058	2059
15.0	2028	2029	2032	2036	2039	2036	2034	2034	2034	2035
17.5	1997	1998	2000	2003	2006	2011	2010	2008	2007	2007
20.0	1965	1966	1966	1967	1971	1974	1980	1978	1976	1976
22.5	1933	1932	1931	1931	1932	1935	1940	1946	1942	1940
25.0	1888	1892	1894	1893	1892	1893	1897	1902	1905	1902
27.5	1840	1843	1846	1852	1850	1850	1851	1855	1863	1860
30.0	1792	1793	1795	1798	1805	1804	1803	1807	1813	1814
32.5	1743	1742	1742	1744	1749	1755	1753	1754	1759	1764
35.0	1686	1691	1689	1689	1691	1696	1701	1699	1702	1710
37.5	1622	1627	1633	1633	1632	1635	1641	1642	1643	1649
40.0	1559	1561	1565	1572	1573	1572	1576	1582	1580	1585
42.5	1494	1495	1497	1502	1510	1509	1509	1515	1515	1518
45.0	1425	1429	1429	1431	1436	1444	1441	1443	1448	1448
47.5	1350	1354	1360	1359	1362	1367	1372	1370	1377	1375
50.0	1274	1277	1280	1287	1287	1290	1298	1296	1299	1300
52.5	1198	1198	1201	1205	1212	1211	1215	1221	1221	1224
55.0	1118	1121	1121	1123	1127	1132	1133	1140	1139	1144
57.5	1031	1035	1041	1041	1042	1047	1050	1052	1057	1057
60.0	944.0	947.0	951.1	957.0	958.1	959.1	964.2	964.9	972.4	969.4
62.5	857.6	859.0	861.7	865.8	871.0	872.4	873.4	877.9	879.8	881.5
65.0	767.9	771.1	772.9	774.9	778.8	784.2	784.2	786.4	788.3	793.3
67.5	676.6	679.5	682.4	685.0	687.0	690.1	695.7	694.7	697.9	700.5
70.0	585.7	588.3	590.9	593.6	596.1	598.0	601.1	605.2	604.6	605.9
72.5	495.2	497.7	500.3	503.0	505.4	507.3	509.3	512.5	514.1	515.1
75.0	410.4	411.5	412.1	413.7	416.4	418.7	420.4	421.9	425.1	424.9
77.5	326.2	328.0	329.7	330.7	331.0	332.4	334.8	335.9	337.5	340.2
80.0	242.2	245.1	247.9	250.4	252.0	252.5	252.5	254.0	254.8	256.0
82.5	144.2	153.7	164.4	170.8	174.0	176.2	177.4	177.5	176.9	177.3
85.0	30.37	40.70	52.22	64.76	77.79	90.91	103.5	105.8	106.4	105.4
87.5	0	0	0	0	0	0	0	15.11	29.17	40.86
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	2120	2120								
2.5	2117	2118								
5.0	2109	2110								
7.5	2098	2100								
10.0	2082	2085								
12.5	2062	2065								
15.0	2037	2040								
17.5	2009	2013								
20.0	1977	1981								
22.5	1941	1945								
25.0	1902	1905								
27.5	1858	1861								
30.0	1811	1813								
32.5	1760	1762								
35.0	1706	1707								
37.5	1649	1648								
40.0	1588	1586								
42.5	1524	1521								
45.0	1458	1452								
47.5	1383	1379								
50.0	1306	1305								
52.5	1226	1227								
55.0	1143	1146								
57.5	1058	1062								
60.0	971.0	976.2								
62.5	883.0	888.9								

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]

65.0	793.3	796.8
67.5	699.2	703.1
70.0	607.4	608.7
72.5	517.8	515.8
75.0	426.8	426.0
77.5	339.2	338.7
80.0	256.0	256.0
82.5	178.5	177.9
85.0	105.6	105.8
87.5	43.50	43.02
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: