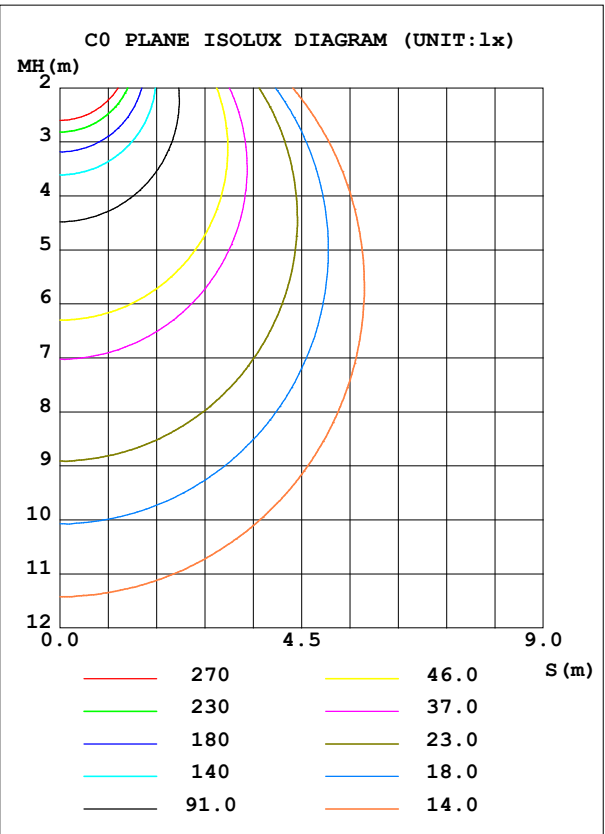
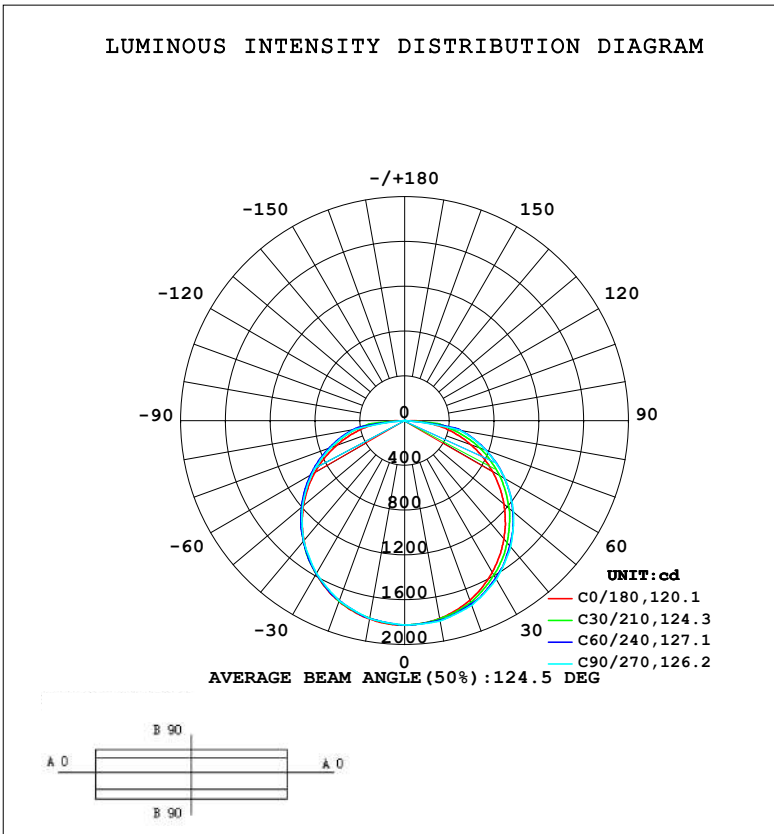


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
1000015977 FL-2*4-55W-TCP 5000K		Imax (cd)	1828	S/MH (C0/180)	1.29
NOMINAL POWER (W)	55	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	6029.8	η UP, DN (C0-180)	0.0, 50.7
NOMINAL FLUX (lm)	6029.77	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.3
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.50



H (β) Range:-90 - 90DEG
 H (β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

V (B) Range:-80 - 80DEG
 V (B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
 CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1795	1804	1817	1806	1799	1792	1796	1789	0- 10	172.8	172.8	2.87,2.87
20	1706	1732	1755	1738	1717	1709	1712	1704	10- 20	498.8	671.6	11.1,11.1
30	1565	1614	1638	1624	1582	1583	1576	1573	20- 30	767.0	1439	23.9,23.9
40	1380	1451	1473	1462	1400	1414	1403	1405	30- 40	946.6	2385	39.6,39.6
50	1157	1250	1269	1261	1180	1211	1191	1200	40- 50	1020	3405	56.5,56.5
60	905.1	1016	1033	1024	926.7	972.9	956.2	966.2	50- 60	981.6	4387	72.8,72.8
70	628.9	752.2	768.0	762.2	647.5	717.7	702.4	712.7	60- 70	838.2	5225	86.7,86.7
80	345.5	491.0	499.4	495.5	362.4	464.8	446.9	465.1	70- 80	607.9	5833	96.7,96.7
90	46.07	0	0	0	57.48	0	0	0	80- 90	196.8	6030	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(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3°C LED TMP.:957.6DEG

Operators:DAMIN

Test Date:2024-04-12

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480

Humidity:65.0%

Test Distance:7.100m [K=1.0000]

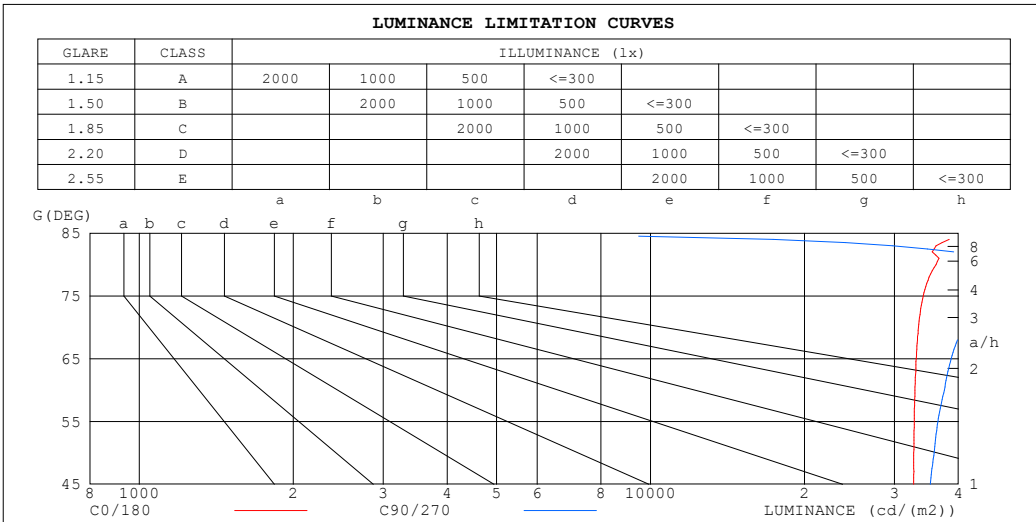
Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000

CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

LUMINANCE LIMITATION CURVES

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	42162	0
80	36180	52291
75	34150	44518
70	33431	40829
65	33085	38748
60	32911	37573
55	32794	36492
50	32735	35899
45	32717	35250

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

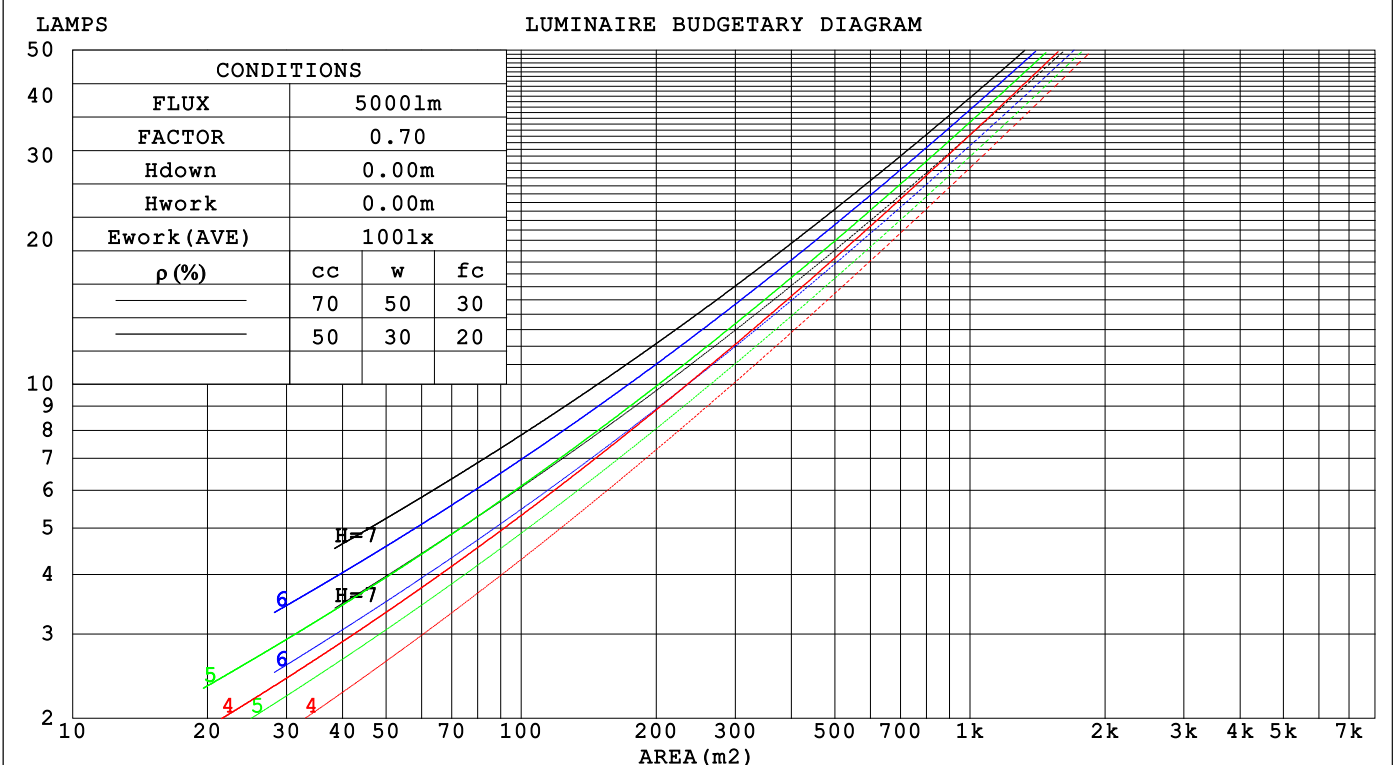
V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
 CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						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	1.02	.97	.93	.90	.95	.91	.95	.92	.88	.91	.88	.86	.88	.85	.83	.81
2.0	.88	.80	.74	.86	.79	.73	.82	.76	.71	.79	.74	.70	.76	.72	.68	.66
3.0	.76	.68	.61	.75	.67	.60	.72	.65	.59	.69	.63	.58	.66	.61	.57	.54
4.0	.67	.58	.51	.66	.57	.50	.63	.56	.50	.61	.54	.49	.59	.53	.48	.46
5.0	.60	.50	.43	.59	.50	.43	.56	.49	.42	.54	.47	.42	.52	.46	.42	.39
6.0	.54	.44	.37	.53	.44	.37	.51	.43	.37	.49	.42	.37	.47	.41	.36	.34
7.0	.48	.39	.33	.48	.39	.33	.46	.38	.33	.45	.38	.32	.43	.37	.32	.30
8.0	.44	.35	.29	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.27
9.0	.40	.32	.26	.40	.32	.26	.39	.31	.26	.38	.31	.26	.36	.30	.26	.24
10.0	.37	.29	.24	.37	.29	.24	.36	.28	.23	.35	.28	.23	.34	.28	.23	.21



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
 CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

WEC AND CCEC

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	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	.345	.196	.062	.338	.193	.061	.324	.186	.059	.312	.180	.058	.301	.174	.056	
2.0	.317	.174	.053	.311	.171	.053	.299	.166	.052	.288	.162	.051	.278	.157	.050	
3.0	.289	.154	.046	.284	.152	.046	.273	.148	.045	.263	.144	.044	.254	.141	.044	
4.0	.264	.137	.040	.259	.135	.040	.249	.132	.040	.241	.129	.039	.233	.126	.039	
5.0	.242	.123	.036	.237	.122	.036	.229	.119	.035	.221	.117	.035	.214	.114	.034	
6.0	.223	.112	.032	.219	.111	.032	.212	.108	.032	.205	.106	.031	.198	.104	.031	
7.0	.206	.102	.029	.203	.101	.029	.196	.099	.029	.190	.097	.028	.184	.096	.028	
8.0	.192	.094	.026	.189	.093	.026	.183	.091	.026	.177	.090	.026	.172	.088	.026	
9.0	.179	.087	.024	.176	.086	.024	.171	.085	.024	.166	.083	.024	.161	.082	.024	
10.0	.168	.081	.022	.166	.080	.022	.161	.079	.022	.156	.078	.022	.152	.076	.022	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.183	.156	.132	.156	.134	.113	.107	.092	.078	.062	.053	.046	.020	.017	.015	
2.0	.176	.132	.095	.150	.113	.082	.103	.078	.057	.059	.046	.034	.019	.015	.011	
3.0	.168	.114	.072	.144	.099	.062	.099	.069	.044	.057	.040	.026	.018	.013	.008	
4.0	.160	.101	.056	.138	.088	.049	.095	.061	.034	.055	.036	.020	.018	.012	.007	
5.0	.153	.091	.045	.131	.079	.040	.090	.055	.028	.052	.032	.017	.017	.011	.005	
6.0	.145	.083	.038	.125	.072	.033	.086	.050	.023	.050	.030	.014	.016	.010	.005	
7.0	.138	.076	.032	.119	.066	.028	.082	.046	.020	.048	.027	.012	.015	.009	.004	
8.0	.132	.070	.028	.113	.061	.024	.078	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.125	.065	.025	.108	.057	.021	.075	.040	.015	.044	.023	.009	.014	.008	.003	
10.0	.119	.061	.022	.103	.053	.019	.071	.037	.014	.042	.022	.008	.013	.007	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C LED TMP.:957.6DEG
Operators:DAMIN
Test Date:2024-04-12

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

UGR(Unified Glare Rating) Table

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm										
NAME: 1000015977 FL-2*4-55W-TCP 5000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.: 1.194*0.585			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	24.4	26.1	24.7	26.4	26.7	25.0	26.7	25.3	27.0	27.3
3H	26.5	28.0	26.9	28.4	28.7	27.3	28.9	27.7	29.2	29.6
4H	27.3	28.8	27.7	29.2	29.5	28.4	29.9	28.8	30.3	30.6
6H	28.0	29.3	28.4	29.7	30.1	29.5	30.9	29.9	31.3	31.6
8H	28.2	29.5	28.6	29.9	30.3	29.8	31.1	30.2	31.5	31.9
12H	28.4	29.7	28.9	30.1	30.5	29.8	31.1	30.2	31.5	31.9
4H 2H	25.3	26.8	25.7	27.1	27.5	25.7	27.2	26.1	27.6	27.9
3H	27.7	28.9	28.1	29.3	29.7	28.4	29.6	28.8	30.0	30.4
4H	28.7	29.8	29.1	30.2	30.7	29.7	30.8	30.1	31.2	31.7
6H	29.5	30.5	29.9	30.9	31.4	30.9	32.0	31.4	32.4	32.8
8H	29.8	30.7	30.2	31.2	31.6	31.3	32.2	31.7	32.7	33.1
12H	30.1	31.0	30.6	31.4	31.9	31.3	32.2	31.8	32.6	33.1
8H 4H	29.3	30.3	29.8	30.7	31.2	30.2	31.1	30.6	31.6	32.0
6H	30.4	31.2	30.9	31.7	32.1	31.7	32.5	32.2	33.0	33.5
8H	30.8	31.6	31.3	32.1	32.5	32.1	32.8	32.6	33.3	33.8
12H	31.3	32.0	31.8	32.4	33.0	32.2	32.8	32.7	33.3	33.8
12H 4H	29.5	30.4	30.0	30.8	31.3	30.3	31.1	30.7	31.6	32.1
6H	30.7	31.4	31.2	31.8	32.4	31.9	32.6	32.4	33.1	33.6
8H	31.3	31.9	31.8	32.4	32.9	32.3	33.0	32.8	33.5	34.0
CIE190: 2010										

CIE190: 2010
 Area: 0.055 m2

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
 CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

UTILIZATION FACTORS TABLE

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	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	55	43	36	54	43	35	53	42	35	29
0.80	65	52	45	64	52	44	62	51	44	37
1.00	73	61	53	72	60	53	69	62	52	45
1.25	80	69	61	79	68	61	76	67	60	52
1.50	85	74	67	83	74	66	80	72	65	57
2.00	92	83	76	90	82	75	87	79	74	65
2.50	97	88	81	95	87	81	91	84	79	70
3.00	100	93	87	98	91	85	94	88	83	74
4.00	105	98	93	102	96	92	98	93	89	80
5.00	107	102	97	105	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

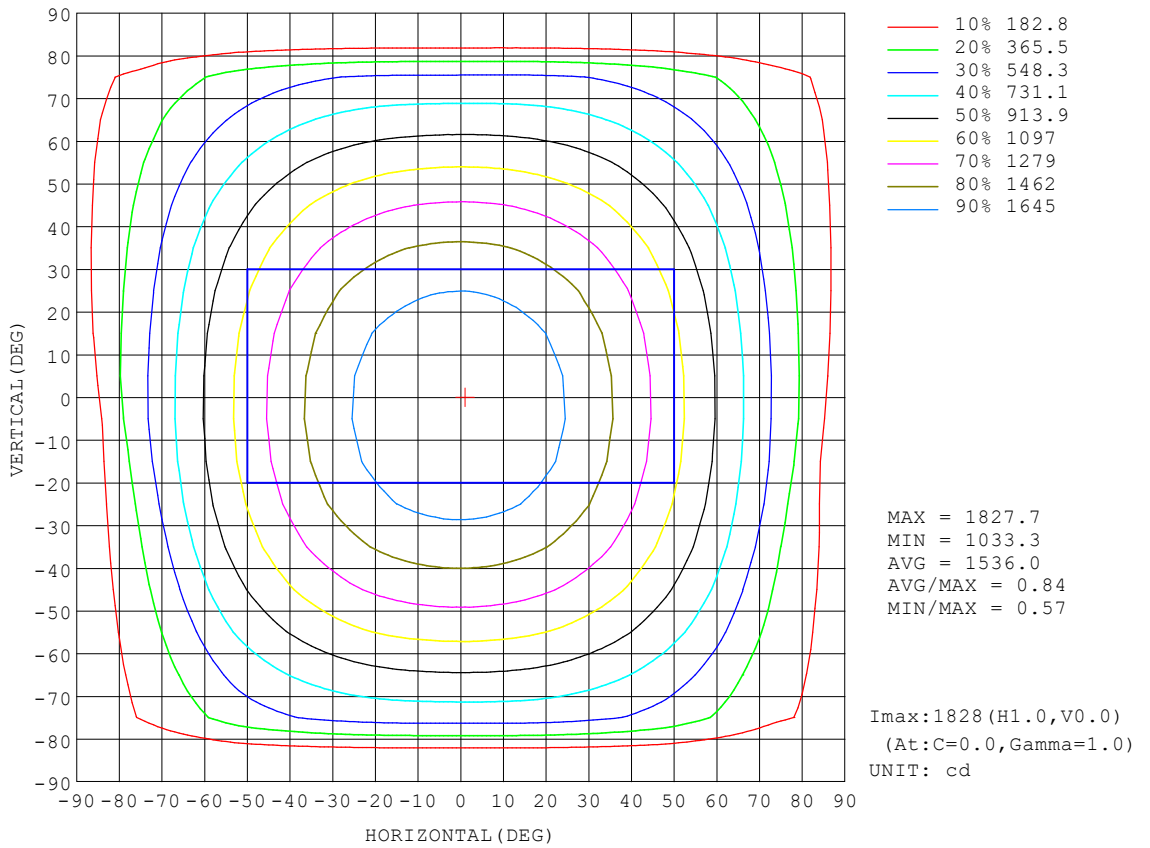
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
 CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

ISOCANDELA DIAGRAM

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:



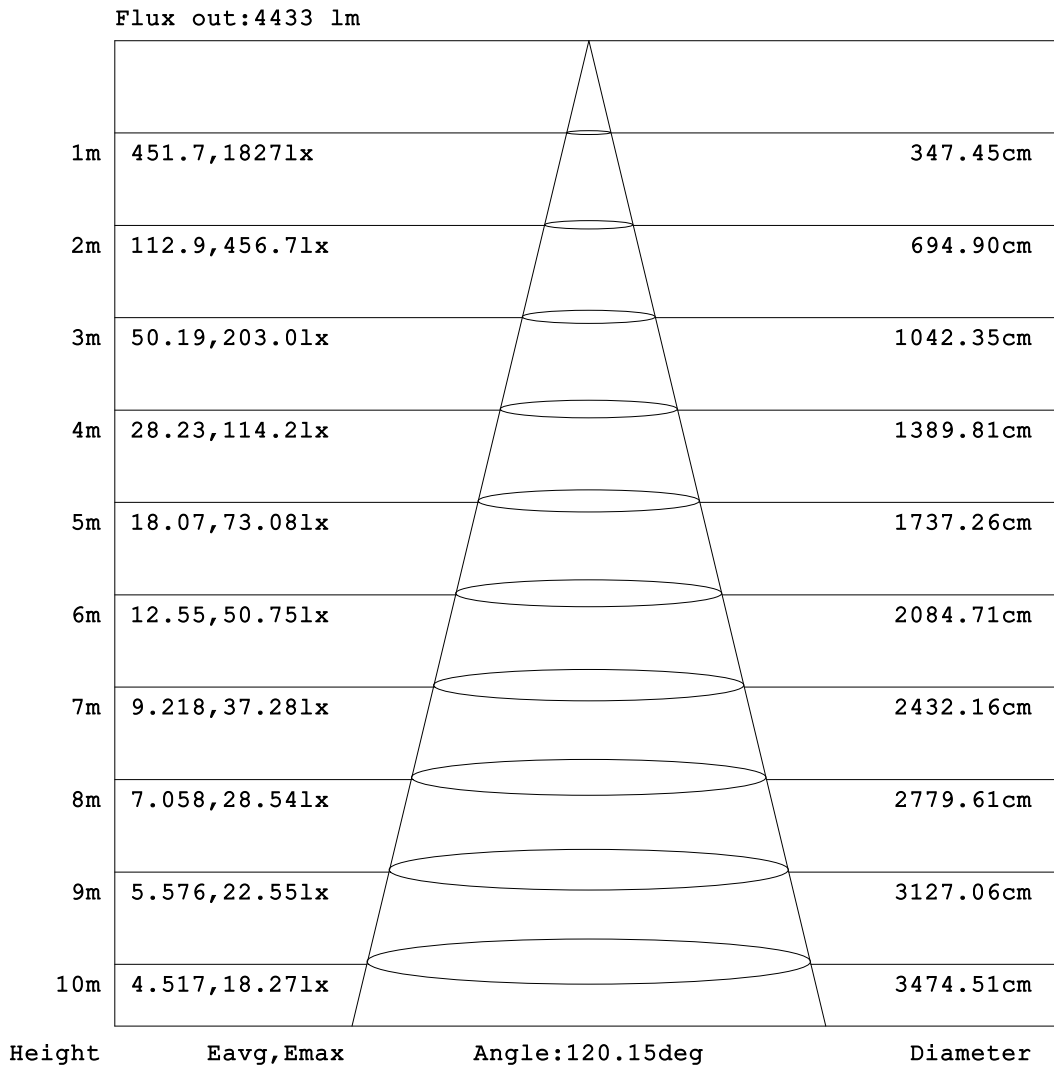
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
 CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

AAI Figure

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:



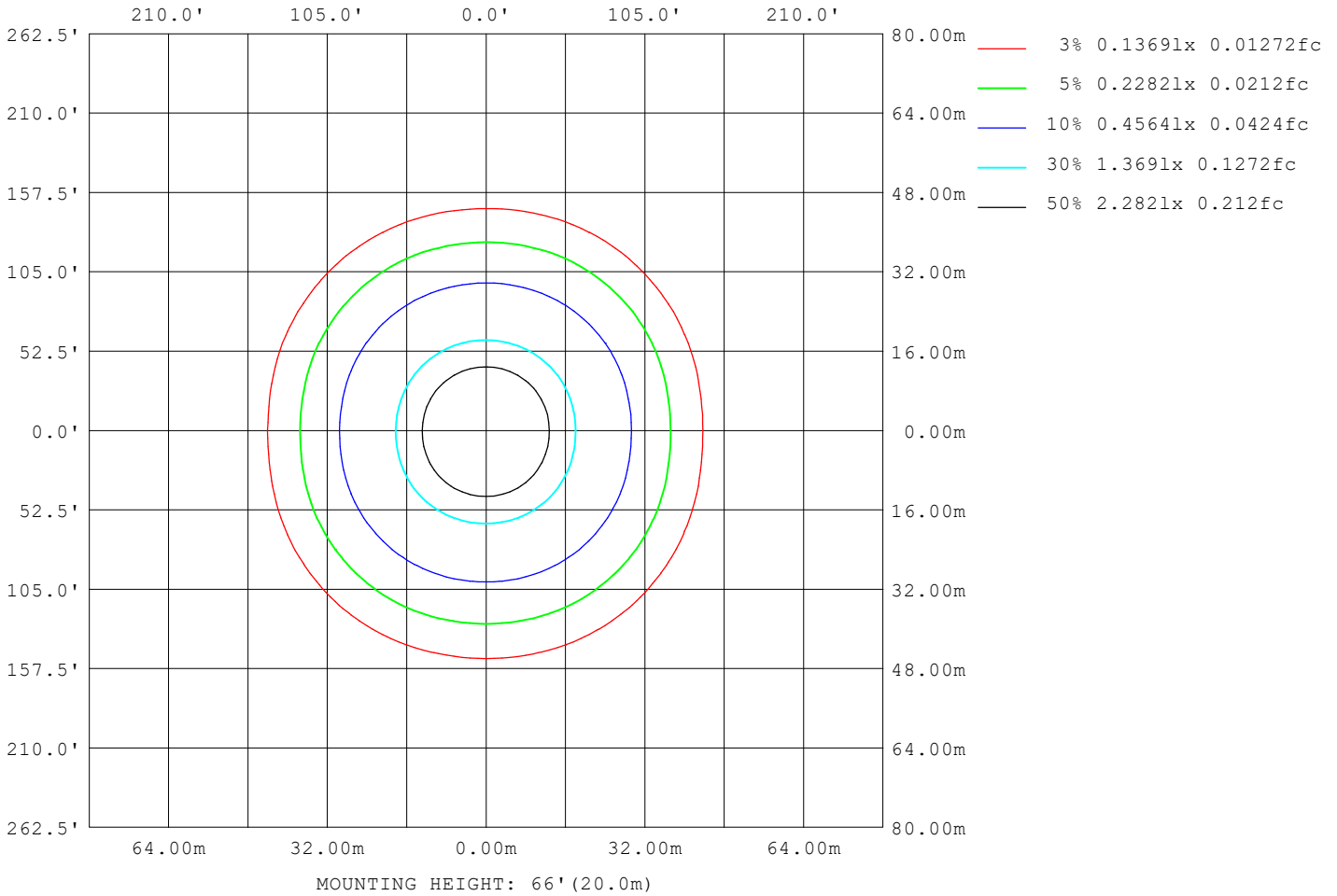
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG	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 V2.00.480
Temperature:25.3°C LED TMP.:957.6DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:7.100m [K=1.0000]
Test Date:2024-04-12	Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
 CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

ISOLUX DIAGRAM

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12
 V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
 CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

LED Avg.L Report

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	33530
L_0~180 (75) av	34742
L_0~180 (85) av	38630
L_90~270 (65) av	37213
L_90~270 (75) av	42444
L_90~270 (85) av	0
L_45 (65) av	37283
L_45 (75) av	42437
L_45 (85) av	34910

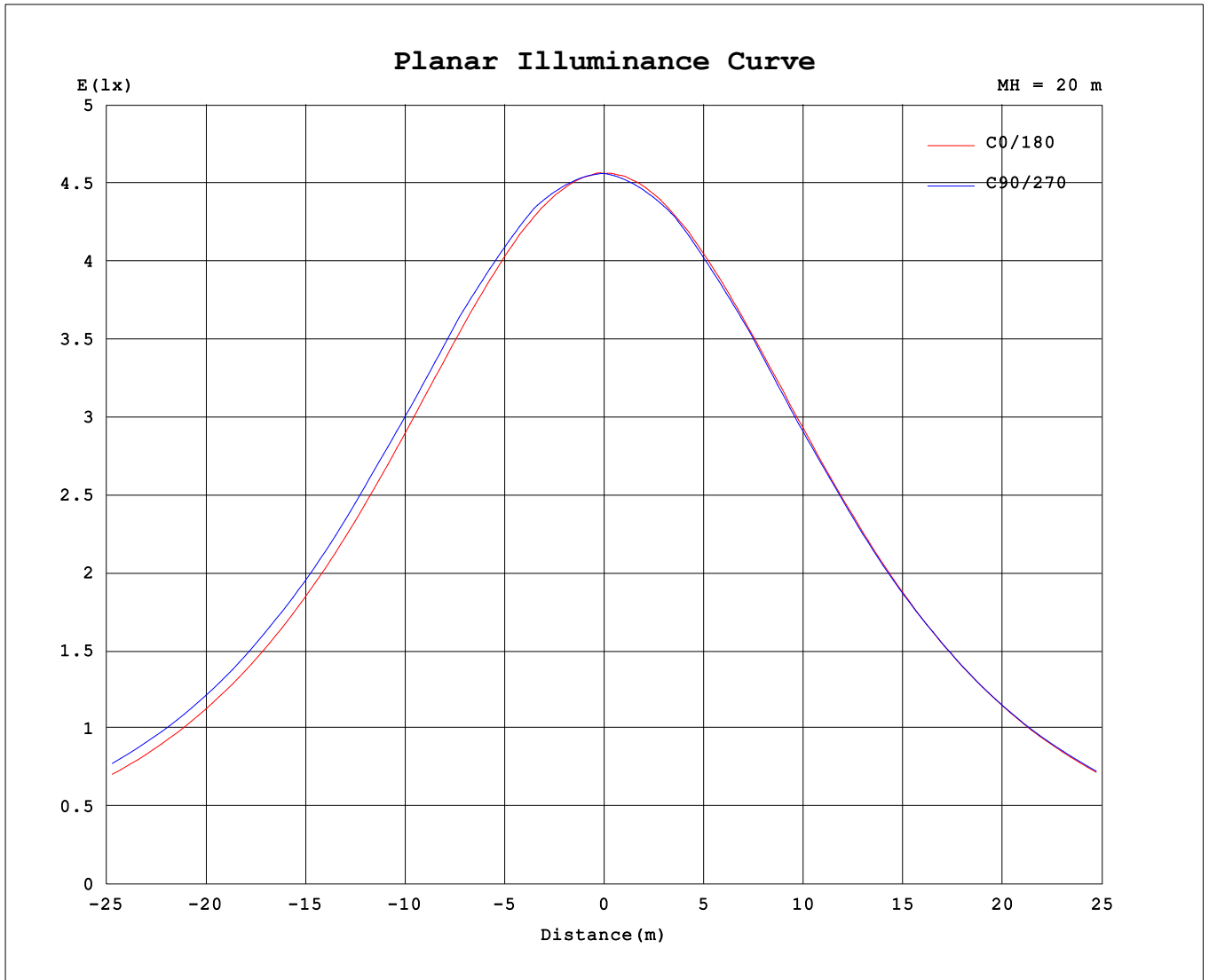
Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
 CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

Planar Illuminance Curve



H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3°C LED TMP.:957.6DEG

Operators:DAMIN

Test Date:2024-04-12

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480

Humidity:65.0%

Test Distance:7.100m [K=1.0000]

Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000

CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.44V I:0.4286A P:51.409W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6029.77x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	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	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
5	1821	1821	1821	1821	1820	1820	1820	1820	1820	1819	1819	1819	1819	1819	1819	1820	1820	1821	1819
10	1815	1815	1814	1814	1813	1810	1809	1808	1806	1805	1804	1802	1800	1799	1798	1798	1798	1799	1796
15	1785	1786	1786	1784	1784	1784	1783	1782	1782	1782	1778	1774	1770	1767	1766	1765	1764	1765	1762
20	1756	1755	1753	1752	1748	1745	1744	1742	1738	1737	1735	1735	1730	1725	1721	1718	1717	1717	1713
25	1697	1697	1696	1696	1696	1697	1696	1696	1690	1685	1680	1676	1675	1669	1662	1658	1655	1655	1651
30	1638	1637	1636	1634	1632	1630	1628	1626	1624	1624	1616	1609	1602	1597	1592	1585	1581	1582	1577
35	1556	1555	1556	1556	1557	1557	1557	1551	1545	1542	1538	1533	1522	1515	1511	1501	1496	1497	1491
40	1473	1472	1472	1471	1470	1469	1466	1463	1462	1456	1448	1441	1436	1421	1414	1407	1400	1400	1395
45	1371	1372	1373	1373	1375	1376	1374	1368	1362	1358	1353	1340	1331	1324	1310	1305	1295	1294	1290
50	1269	1269	1270	1270	1269	1268	1266	1263	1261	1253	1242	1235	1222	1212	1199	1189	1180	1180	1175
55	1151	1152	1154	1155	1156	1158	1156	1150	1144	1138	1130	1115	1106	1091	1082	1067	1058	1057	1053
60	1033	1034	1035	1037	1037	1036	1033	1029	1024	1015	1004	995	979	967	951	939	929	927	924
65	901	902	906	908	911	910	909	903	895	886	877	863	850	832	818	803	793	790	789
70	769	770	774	777	778	777	774	769	762	755	741	724	699	672	651	643	645	647	647
75	634	637	641	644	645	644	640	634	626	615	601	571	535	501	472	454	470	503	506
80	500	504	509	512	514	513	510	504	495	485	460	424	390	356	321	293	283	362	367
85	1.90	7.67	17.5	31.7	50.3	73.5	101	134	173	217	260	300	275	245	211	183	160	168	234
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	57.5	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C LED TMP.:957.6DEG
Operators:DAMIN
Test Date:2024-04-12

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000
CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

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	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
2.5	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
5.0	1817	1817	1817	1817	1817	1817	1817	1817	1818	1818
7.5	1808	1808	1808	1808	1808	1808	1809	1809	1810	1811
10.0	1795	1794	1794	1794	1795	1797	1798	1800	1802	1804
12.5	1778	1778	1778	1779	1780	1782	1784	1786	1790	1794
15.0	1757	1756	1757	1758	1761	1764	1767	1772	1777	1778
17.5	1733	1733	1734	1736	1739	1744	1749	1754	1754	1756
20.0	1706	1705	1707	1710	1715	1721	1727	1727	1730	1732
22.5	1675	1674	1676	1680	1687	1695	1696	1700	1703	1707
25.0	1642	1642	1644	1649	1657	1661	1664	1668	1675	1682
27.5	1604	1604	1607	1614	1623	1625	1630	1637	1645	1653
30.0	1565	1565	1569	1576	1583	1587	1594	1603	1612	1614
32.5	1522	1522	1528	1538	1542	1547	1556	1567	1570	1575
35.0	1477	1477	1483	1493	1497	1505	1517	1523	1528	1535
37.5	1430	1430	1437	1446	1451	1462	1472	1478	1486	1494
40.0	1380	1381	1389	1396	1404	1417	1424	1432	1443	1451
42.5	1327	1328	1338	1345	1355	1366	1374	1385	1396	1401
45.0	1272	1275	1286	1290	1303	1313	1324	1338	1344	1351
47.5	1216	1218	1228	1236	1250	1258	1273	1283	1291	1300
50.0	1157	1160	1170	1179	1192	1204	1218	1227	1237	1250
52.5	1097	1100	1109	1121	1132	1149	1159	1170	1185	1191
55.0	1035	1038	1047	1061	1072	1089	1100	1114	1124	1132
57.5	970.2	974.3	983.1	996.8	1012	1025	1040	1053	1064	1075
60.0	905.1	909.5	918.3	932.0	949.9	962.8	979.0	990.2	1004	1016
62.5	838.0	843.9	852.4	867.1	882.0	900.4	913.1	928.3	942.2	950.5
65.0	769.0	775.1	785.0	800.5	814.9	832.7	847.5	865.0	874.4	886.3
67.5	699.4	704.1	714.3	730.2	748.4	764.1	782.6	795.5	808.0	821.2
70.0	628.9	633.0	643.0	656.5	674.9	699.0	712.5	728.1	741.3	752.2
72.5	557.5	560.1	567.2	572.4	591.8	620.0	641.1	659.9	673.8	684.3
75.0	486.1	486.3	468.1	479.0	505.0	535.5	565.0	586.5	605.9	617.8
77.5	415.3	386.6	375.6	398.0	427.1	457.4	487.3	512.8	539.0	554.0
80.0	345.5	292.9	307.9	333.6	357.2	386.3	414.9	445.4	474.7	491.0
82.5	257.5	228.2	256.6	273.1	291.7	325.0	355.6	382.9	411.5	428.7
85.0	202.1	190.9	206.3	216.2	243.6	273.2	295.6	249.9	211.5	171.6
87.5	137.7	149.2	172.2	169.9	98.61	46.15	0	0	0	0
90.0	46.07	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	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
2.5	1823	1824	1824	1824	1825	1824	1824	1824	1824	1824
5.0	1818	1819	1819	1820	1821	1821	1822	1822	1821	1821
7.5	1812	1813	1814	1815	1816	1818	1819	1819	1819	1818
10.0	1805	1807	1809	1811	1812	1814	1816	1816	1817	1815
12.5	1797	1800	1799	1799	1799	1799	1801	1801	1802	1800
15.0	1778	1779	1781	1782	1783	1783	1785	1785	1786	1785
17.5	1757	1759	1761	1764	1766	1768	1769	1770	1770	1771
20.0	1735	1739	1742	1745	1749	1752	1753	1754	1755	1756
22.5	1712	1717	1722	1723	1724	1725	1725	1726	1726	1727
25.0	1688	1690	1691	1692	1693	1695	1695	1696	1696	1697
27.5	1654	1655	1658	1660	1662	1664	1665	1667	1667	1667
30.0	1617	1620	1624	1628	1631	1634	1635	1637	1638	1638
32.5	1579	1585	1590	1596	1596	1596	1596	1596	1597	1597
35.0	1543	1549	1550	1553	1553	1553	1555	1555	1555	1556
37.5	1502	1503	1505	1508	1510	1511	1513	1513	1514	1514
40.0	1454	1458	1461	1464	1467	1469	1471	1471	1473	1473
42.5	1405	1410	1416	1421	1422	1422	1422	1421	1422	1423
45.0	1357	1364	1368	1369	1370	1371	1370	1370	1371	1371
47.5	1309	1312	1314	1316	1318	1319	1319	1320	1320	1320
50.0	1254	1257	1261	1263	1267	1268	1268	1269	1269	1269
52.5	1197	1203	1208	1211	1212	1212	1211	1210	1210	1210
55.0	1141	1148	1152	1153	1153	1153	1151	1151	1151	1151
57.5	1085	1088	1091	1093	1094	1093	1093	1092	1092	1092
60.0	1021	1026	1031	1033	1035	1034	1034	1033	1033	1033
62.5	957.9	964.9	970.3	973.6	973.1	971.0	968.9	967.0	967.0	966.9
65.0	895.4	902.7	905.8	907.8	907.4	905.5	902.9	901.1	900.7	900.8
67.5	829.7	834.9	839.6	842.4	841.7	840.0	837.1	835.2	834.3	834.7
70.0	761.6	768.1	773.9	776.6	776.3	774.5	771.4	769.3	768.0	768.6
72.5	694.5	701.5	708.0	710.8	710.7	708.7	705.3	702.5	700.9	701.5
75.0	628.4	635.7	642.1	644.7	645.0	642.8	639.1	635.7	633.7	634.4
77.5	564.1	571.2	576.8	579.0	579.4	577.0	572.9	568.9	566.6	567.2
80.0	500.3	507.2	511.9	513.6	513.9	511.2	506.6	502.1	499.4	500.1
82.5	420.0	381.3	348.0	319.6	296.5	277.4	262.8	253.4	249.7	252.4
85.0	133.6	101.1	73.34	50.27	31.79	17.63	7.715	1.905	0	1.897

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3°C LED TMP.:957.6DEG

Operators:DAMIN

Test Date:2024-04-12

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480

Humidity:65.0%

Test Distance:7.100m [K=1.0000]

Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000

CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

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	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
2.5	1824	1824	1824	1824	1824	1824	1824	1824	1823	1824
5.0	1821	1821	1821	1820	1820	1820	1820	1820	1819	1819
7.5	1818	1818	1817	1817	1817	1816	1814	1813	1813	1812
10.0	1815	1814	1814	1813	1810	1809	1808	1806	1805	1804
12.5	1801	1801	1801	1800	1801	1801	1800	1797	1794	1791
15.0	1786	1786	1784	1784	1784	1783	1782	1782	1782	1778
17.5	1771	1770	1768	1767	1765	1763	1763	1762	1761	1760
20.0	1755	1753	1752	1748	1745	1744	1742	1738	1737	1735
22.5	1727	1727	1727	1726	1727	1724	1718	1715	1711	1709
25.0	1697	1696	1696	1696	1697	1696	1696	1690	1685	1680
27.5	1667	1666	1665	1664	1663	1663	1662	1662	1656	1649
30.0	1637	1636	1634	1632	1630	1628	1626	1624	1624	1616
32.5	1597	1598	1599	1600	1597	1593	1589	1585	1583	1583
35.0	1555	1556	1556	1557	1557	1557	1551	1545	1542	1538
37.5	1513	1514	1514	1514	1513	1512	1511	1505	1498	1492
40.0	1472	1472	1471	1470	1469	1466	1463	1462	1456	1448
42.5	1423	1424	1425	1427	1423	1420	1416	1413	1410	1401
45.0	1372	1373	1373	1375	1376	1374	1368	1362	1358	1353
47.5	1320	1321	1321	1322	1322	1321	1320	1312	1305	1298
50.0	1269	1270	1270	1269	1268	1266	1263	1261	1253	1242
52.5	1211	1213	1215	1216	1214	1211	1207	1202	1199	1186
55.0	1152	1154	1155	1156	1158	1156	1150	1144	1138	1130
57.5	1093	1095	1096	1097	1097	1095	1093	1085	1076	1068
60.0	1034	1035	1037	1037	1036	1033	1029	1024	1015	1004
62.5	968.5	971.6	974.5	977.3	975.4	971.6	965.7	959.1	952.1	940.4
65.0	902.3	905.6	908.4	910.6	910.4	909.3	902.8	894.9	885.8	876.6
67.5	836.3	839.7	842.6	844.3	843.5	841.4	837.1	831.3	820.0	808.4
70.0	770.4	774.0	776.7	777.9	776.9	773.6	769.0	762.2	754.5	741.2
72.5	703.7	707.8	710.4	711.5	710.2	706.5	700.9	693.3	684.0	673.0
75.0	637.0	641.5	644.2	645.3	644.1	640.2	633.8	625.5	615.3	600.5
77.5	570.4	575.1	578.1	579.5	578.4	574.9	568.3	559.8	548.5	528.0
80.0	503.7	508.8	512.1	513.7	513.0	509.9	503.5	495.5	484.7	460.4
82.5	261.3	276.1	295.4	319.5	348.6	382.9	422.0	432.2	421.9	397.2
85.0	7.671	17.54	31.68	50.26	73.46	101.5	134.3	173.0	217.4	260.1
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	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
2.5	1824	1824	1824	1824	1825	1825	1825	1824	1824	1823
5.0	1819	1819	1819	1819	1820	1820	1821	1819	1818	1817
7.5	1812	1811	1811	1811	1811	1812	1812	1810	1809	1807
10.0	1802	1800	1799	1798	1798	1798	1799	1796	1795	1793
12.5	1789	1787	1786	1785	1784	1784	1785	1782	1779	1778
15.0	1774	1770	1767	1766	1765	1764	1765	1762	1759	1758
17.5	1756	1751	1747	1745	1743	1742	1743	1739	1737	1736
20.0	1735	1730	1725	1721	1718	1717	1717	1713	1711	1710
22.5	1707	1706	1699	1694	1690	1688	1689	1684	1682	1682
25.0	1676	1675	1669	1662	1658	1655	1655	1651	1649	1650
27.5	1643	1639	1637	1628	1623	1620	1621	1616	1615	1615
30.0	1609	1602	1597	1592	1585	1581	1582	1577	1576	1579
32.5	1571	1563	1557	1552	1545	1541	1541	1536	1535	1539
35.0	1533	1522	1515	1511	1501	1496	1497	1491	1491	1495
37.5	1490	1479	1469	1464	1455	1450	1450	1445	1446	1448
40.0	1441	1436	1421	1414	1407	1400	1400	1395	1398	1400
42.5	1391	1385	1374	1363	1357	1349	1349	1344	1347	1347
45.0	1340	1331	1324	1310	1305	1295	1294	1290	1294	1294
47.5	1289	1277	1270	1256	1248	1238	1238	1233	1237	1239
50.0	1235	1222	1212	1199	1189	1180	1180	1175	1179	1184
52.5	1175	1165	1151	1142	1129	1121	1119	1115	1119	1126
55.0	1115	1106	1091	1082	1067	1058	1057	1053	1057	1066
57.5	1056	1043	1030	1017	1003	994.2	992.1	989.2	993.9	1002
60.0	995.2	979.4	967.1	951.3	938.8	928.8	926.7	923.7	929.5	936.7
62.5	928.5	917.2	899.9	885.0	871.8	861.4	858.2	857.5	864.8	871.6
65.0	862.6	849.6	832.3	818.3	803.2	792.5	789.7	788.6	798.2	805.8
67.5	797.4	777.3	761.2	740.6	726.8	720.9	718.8	718.3	727.2	738.3
70.0	724.1	699.2	672.1	650.9	642.8	645.4	647.5	647.1	656.8	669.2
72.5	648.6	615.4	584.0	559.6	548.7	561.7	575.3	576.3	587.2	602.8
75.0	570.8	535.2	500.8	471.8	454.5	470.3	503.0	506.1	517.6	531.5
77.5	495.0	460.3	424.3	391.2	368.0	371.2	430.9	435.9	450.0	463.1

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3°C LED TMP.:957.6DEG

Operators:DAMIN

Test Date:2024-04-12

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480

Humidity:65.0%

Test Distance:7.100m [K=1.0000]

Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000

CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

Photometric Data Table [cd]

80.0	423.8	390.3	355.6	321.3	293.3	283.3	362.4	367.1	383.6	398.1
82.5	362.5	328.5	294.0	260.8	230.4	211.7	260.5	303.3	318.0	332.3
85.0	300.5	275.2	245.2	210.6	182.8	159.8	168.2	234.5	247.8	257.4
87.5	0	46.39	98.88	162.9	153.4	141.0	117.2	185.2	188.0	175.7
90.0	0	0	0	0	0	0	57.48	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	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
2.5	1822	1822	1821	1821	1820	1820	1820	1820	1820	1820
5.0	1816	1815	1814	1813	1812	1812	1812	1812	1812	1811
7.5	1806	1805	1804	1804	1804	1803	1803	1802	1802	1803
10.0	1792	1792	1791	1791	1791	1792	1793	1793	1794	1793
12.5	1777	1776	1777	1777	1778	1778	1779	1781	1779	1777
15.0	1757	1757	1759	1760	1762	1761	1759	1757	1756	1756
17.5	1735	1736	1738	1739	1737	1736	1735	1734	1733	1734
20.0	1711	1713	1715	1712	1710	1709	1709	1709	1710	1710
22.5	1683	1687	1684	1683	1682	1682	1683	1684	1685	1684
25.0	1653	1653	1651	1651	1652	1654	1657	1654	1651	1648
27.5	1619	1617	1616	1618	1621	1624	1620	1617	1615	1612
30.0	1579	1579	1580	1583	1586	1583	1581	1580	1578	1577
32.5	1538	1539	1542	1547	1543	1542	1542	1541	1541	1542
35.0	1494	1496	1502	1502	1500	1500	1502	1503	1500	1497
37.5	1448	1453	1457	1455	1456	1458	1459	1457	1454	1452
40.0	1401	1408	1408	1408	1411	1414	1411	1409	1407	1406
42.5	1353	1358	1357	1360	1365	1363	1362	1362	1361	1361
45.0	1302	1304	1306	1313	1311	1313	1313	1315	1312	1308
47.5	1249	1249	1254	1258	1259	1262	1266	1262	1257	1254
50.0	1189	1193	1200	1202	1206	1211	1208	1206	1202	1199
52.5	1130	1137	1141	1146	1154	1152	1150	1149	1147	1146
55.0	1069	1078	1083	1091	1092	1093	1093	1094	1091	1087
57.5	1008	1015	1024	1029	1030	1034	1035	1033	1031	1027
60.0	946.7	953.9	963.4	965.6	969.6	972.9	972.7	972.1	970.8	968.2
62.5	880.8	893.0	897.1	902.0	907.7	909.3	910.8	911.1	910.5	908.9
65.0	816.7	826.3	831.8	838.7	841.8	845.5	848.9	849.9	848.2	845.4
67.5	753.5	757.7	766.7	771.8	777.9	783.2	784.7	784.9	784.2	781.8
70.0	681.9	690.9	698.6	706.6	713.9	717.7	719.5	720.4	720.3	718.2
72.5	612.0	622.4	632.4	641.4	647.3	652.0	655.4	656.5	656.7	654.7
75.0	543.5	555.3	566.8	575.1	581.9	586.9	591.8	593.7	594.1	592.2
77.5	476.6	489.9	501.2	510.4	518.5	525.2	529.9	531.9	531.7	529.8
80.0	413.0	426.4	436.9	448.1	458.5	464.8	468.7	470.4	469.8	467.3
82.5	351.2	358.9	367.8	386.6	399.6	405.2	392.1	352.4	318.5	290.0
85.0	274.4	284.9	295.2	252.1	206.2	162.2	124.8	93.45	67.16	45.62
87.5	102.7	47.03	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	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
2.5	1820	1819	1819	1818	1818	1818	1819	1819	1820	1820
5.0	1811	1812	1812	1811	1811	1811	1812	1811	1810	1810
7.5	1803	1803	1804	1804	1803	1803	1803	1802	1802	1802
10.0	1794	1795	1795	1797	1796	1795	1794	1794	1794	1793
12.5	1776	1776	1775	1775	1775	1774	1774	1775	1776	1775
15.0	1755	1753	1754	1753	1754	1753	1753	1754	1753	1753
17.5	1733	1732	1733	1732	1733	1732	1731	1732	1731	1730
20.0	1711	1710	1711	1710	1712	1711	1710	1709	1708	1707
22.5	1682	1680	1678	1677	1678	1678	1678	1678	1679	1681
25.0	1647	1646	1644	1643	1644	1644	1644	1644	1645	1645
27.5	1612	1612	1611	1610	1610	1610	1610	1610	1610	1610
30.0	1576	1577	1577	1576	1576	1576	1576	1576	1575	1574
32.5	1537	1535	1535	1533	1532	1533	1533	1535	1536	1539
35.0	1493	1492	1491	1490	1489	1489	1490	1491	1491	1493
37.5	1449	1448	1447	1447	1446	1445	1446	1447	1447	1447
40.0	1405	1404	1404	1403	1403	1401	1402	1402	1403	1402
42.5	1358	1355	1352	1350	1350	1349	1351	1353	1356	1357
45.0	1304	1301	1299	1297	1297	1296	1298	1300	1302	1304
47.5	1251	1247	1245	1245	1244	1244	1245	1247	1249	1250
50.0	1197	1194	1192	1192	1191	1191	1192	1194	1195	1197
52.5	1142	1137	1134	1133	1132	1133	1135	1138	1140	1144
55.0	1083	1078	1075	1074	1074	1074	1076	1079	1082	1085
57.5	1024	1020	1017	1015	1015	1016	1017	1020	1023	1026
60.0	965.0	960.9	958.2	955.7	956.2	956.8	958.5	960.8	964.7	966.8
62.5	904.2	899.3	895.6	892.5	892.8	893.7	896.3	899.7	905.0	908.0
65.0	840.9	836.2	832.2	829.1	829.3	830.4	833.4	837.5	842.4	845.1
67.5	778.0	773.0	768.8	765.7	765.8	767.2	770.5	775.2	779.4	782.5
70.0	715.0	709.8	705.4	702.3	702.4	704.0	707.6	712.9	717.0	719.8

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3°C LED TMP.:957.6DEG

Operators:DAMIN

Test Date:2024-04-12

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480

Humidity:65.0%

Test Distance:7.100m [K=1.0000]

Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000

CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

Photometric Data Table [cd]

72.5	652.0	646.8	642.0	638.6	638.5	640.5	644.8	650.3	654.7	657.3
75.0	589.1	583.9	578.7	575.0	574.7	577.1	582.0	587.6	592.3	595.2
77.5	526.2	521.0	515.4	511.3	510.8	513.7	519.2	525.0	530.0	533.3
80.0	463.5	458.0	452.2	447.7	446.9	450.2	456.4	462.4	467.9	471.6
82.5	266.9	248.3	234.5	225.9	223.5	227.2	236.7	250.8	269.6	293.1
85.0	28.63	15.78	6.883	1.698	0	1.708	6.948	15.93	28.92	46.11
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	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
2.5	1820	1820	1819	1819	1819	1819	1820	1820	1821	1821
5.0	1810	1811	1811	1811	1811	1812	1812	1813	1813	1814
7.5	1802	1802	1801	1800	1800	1800	1801	1802	1803	1804
10.0	1791	1790	1789	1789	1788	1788	1788	1789	1789	1789
12.5	1776	1778	1778	1777	1775	1773	1771	1771	1772	1773
15.0	1754	1755	1756	1757	1757	1756	1754	1752	1751	1751
17.5	1731	1730	1730	1731	1733	1734	1733	1730	1728	1727
20.0	1706	1704	1705	1704	1704	1706	1708	1704	1701	1700
22.5	1681	1680	1677	1675	1675	1674	1674	1677	1673	1670
25.0	1646	1649	1649	1646	1643	1641	1641	1643	1642	1637
27.5	1611	1610	1613	1614	1610	1607	1605	1605	1607	1602
30.0	1573	1573	1573	1573	1575	1571	1568	1565	1566	1563
32.5	1536	1535	1533	1532	1533	1535	1528	1523	1524	1525
35.0	1495	1496	1493	1490	1489	1489	1487	1482	1479	1481
37.5	1448	1450	1451	1449	1445	1442	1443	1438	1432	1432
40.0	1402	1402	1403	1405	1400	1396	1393	1391	1385	1383
42.5	1356	1355	1354	1353	1354	1348	1342	1341	1335	1330
45.0	1307	1308	1304	1302	1300	1300	1291	1287	1283	1277
47.5	1252	1254	1256	1251	1248	1244	1240	1232	1229	1221
50.0	1198	1199	1199	1200	1194	1189	1186	1177	1171	1165
52.5	1143	1143	1142	1142	1141	1133	1128	1122	1112	1107
55.0	1087	1089	1086	1083	1081	1077	1068	1063	1053	1047
57.5	1028	1029	1030	1026	1021	1017	1010	1001	993.3	983.9
60.0	968.2	967.7	966.9	966.2	960.9	954.2	948.8	939.0	932.3	919.4
62.5	908.7	907.4	905.3	902.5	899.8	892.0	884.7	877.7	865.7	855.4
65.0	847.0	847.0	843.9	839.7	835.1	830.2	820.9	812.1	800.8	791.1
67.5	783.7	783.0	781.3	777.1	770.7	763.7	757.4	745.7	736.2	723.2
70.0	720.9	719.9	717.6	712.7	708.0	698.9	690.0	680.8	667.9	654.6
72.5	658.2	657.1	654.1	649.1	642.6	634.5	624.0	613.1	600.5	587.6
75.0	596.2	595.1	591.5	586.2	578.8	569.8	559.3	546.4	534.0	519.2
77.5	534.8	533.9	530.6	524.9	516.5	507.2	495.8	482.6	467.8	453.5
80.0	473.7	473.2	470.4	465.1	454.9	442.9	433.7	420.8	402.7	388.0
82.5	321.6	355.3	394.5	405.9	393.7	377.9	366.2	355.7	336.5	321.4
85.0	67.80	94.19	125.6	162.5	202.1	244.6	296.3	286.9	274.0	260.2
87.5	0	0	0	0	0	0	0	47.70	107.6	192.5
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	1826	1826								
2.5	1822	1823								
5.0	1815	1816								
7.5	1805	1806								
10.0	1791	1792								
12.5	1774	1776								
15.0	1752	1754								
17.5	1728	1730								
20.0	1700	1702								
22.5	1670	1671								
25.0	1636	1638								
27.5	1599	1600								
30.0	1560	1561								
32.5	1519	1518								
35.0	1475	1473								
37.5	1429	1426								
40.0	1380	1376								
42.5	1329	1324								
45.0	1277	1270								
47.5	1220	1214								
50.0	1160	1156								
52.5	1100	1095								
55.0	1039	1035								
57.5	975.0	971.4								
60.0	910.9	906.8								
62.5	846.0	840.9								

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3°C LED TMP.:957.6DEG

Operators:DAMIN

Test Date:2024-04-12

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480

Humidity:65.0%

Test Distance:7.100m [K=1.0000]

Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000

CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738

Photometric Data Table [cd]

65.0	779.6	773.0
67.5	710.1	702.6
70.0	641.3	631.9
72.5	573.7	561.0
75.0	504.7	491.0
77.5	437.1	422.6
80.0	371.5	356.7
82.5	304.2	288.2
85.0	244.4	229.9
87.5	197.5	187.2
90.0	0	0

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3°C LED TMP.:957.6DEG

Operators:DAMIN

Test Date:2024-04-12

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480

Humidity:65.0%

Test Distance:7.100m [K=1.0000]

Remarks:

CH2: U=6.1329e-039 V I=6.1329e-039A P=6.1329e-039W PF=0.0000

CH3: U=2.3957e-041 V I=2.3957e-041A P=2.3957e-041W PF=2340.1738