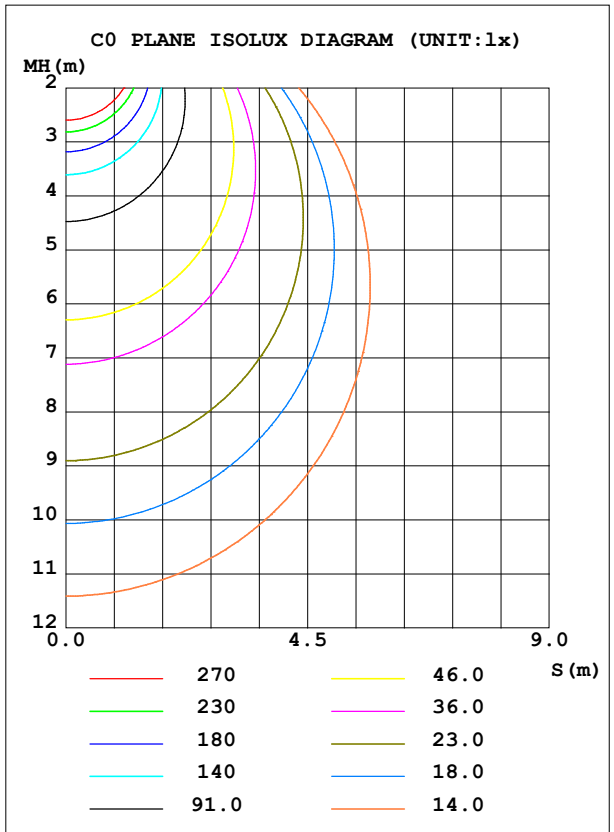
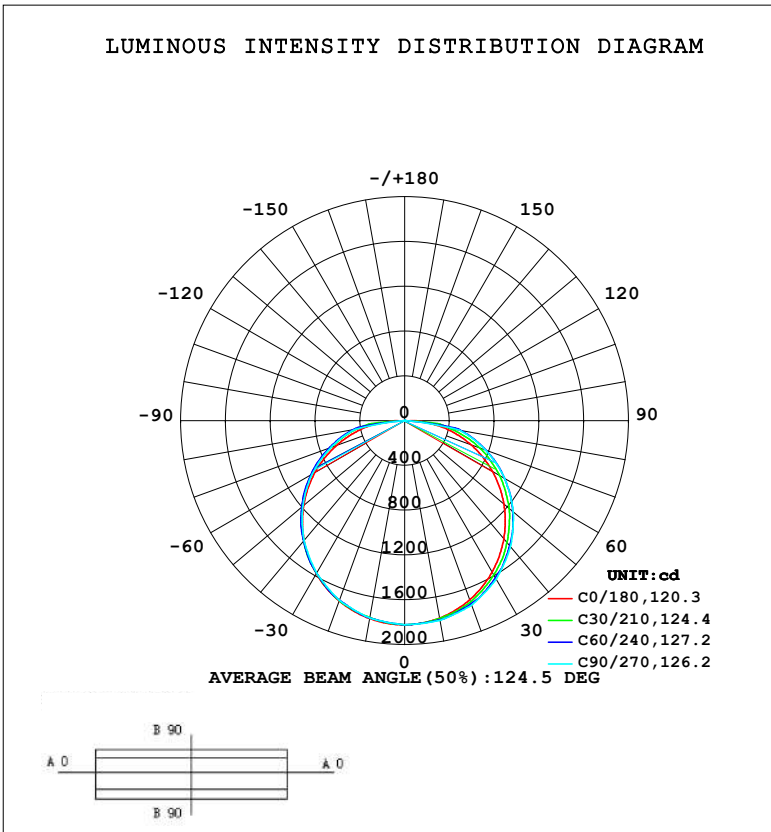


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	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 6500K		Imax (cd)	1823	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)	6022.4	η UP, DN (C0-180)	0.0, 50.8
NOMINAL FLUX (lm)	6022.42	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.2
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:

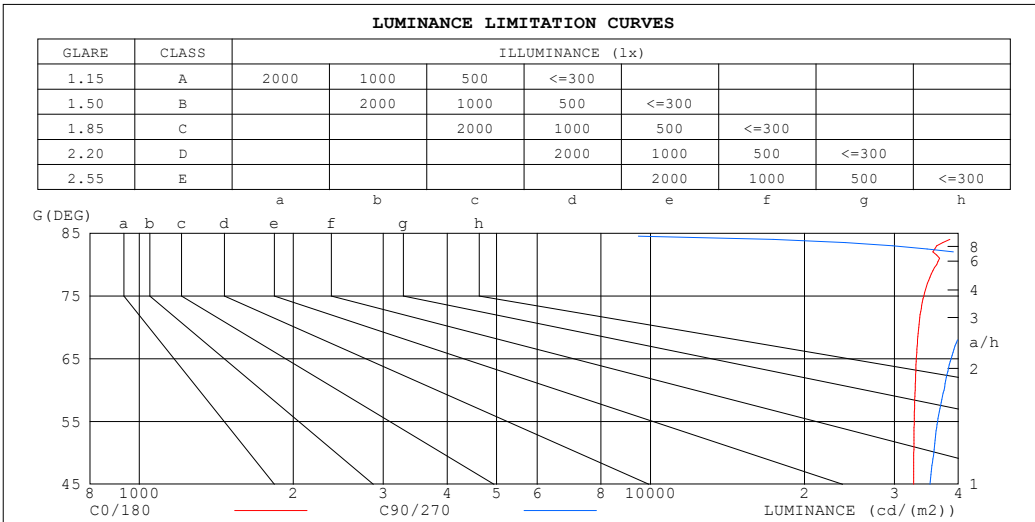
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1791	1800	1812	1802	1795	1788	1791	1784	0- 10	172.4	172.4	2.86,2.86
20	1702	1729	1753	1735	1714	1705	1708	1699	10- 20	497.7	670.2	11.1,11.1
30	1563	1612	1636	1622	1577	1579	1573	1571	20- 30	765.5	1436	23.8,23.8
40	1378	1450	1471	1461	1397	1410	1399	1402	30- 40	945.0	2381	39.5,39.5
50	1157	1250	1267	1261	1178	1209	1189	1200	40- 50	1019	3399	56.4,56.4
60	905.6	1016	1032	1024	925.6	972.1	954.5	966.1	50- 60	980.6	4380	72.7,72.7
70	629.5	753.0	768.0	761.9	647.2	716.9	700.8	712.9	60- 70	837.7	5218	86.6,86.6
80	346.4	491.4	499.0	495.9	360.9	464.9	447.0	465.6	70- 80	607.9	5825	96.7,96.7
90	46.66	0	0	0	57.56	0	0	0	80- 90	197.0	6022	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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	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	42269	0
80	36268	52249
75	34245	44502
70	33465	40825
65	33101	38710
60	32930	37512
55	32794	36431
50	32721	35838
45	32699	35198

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

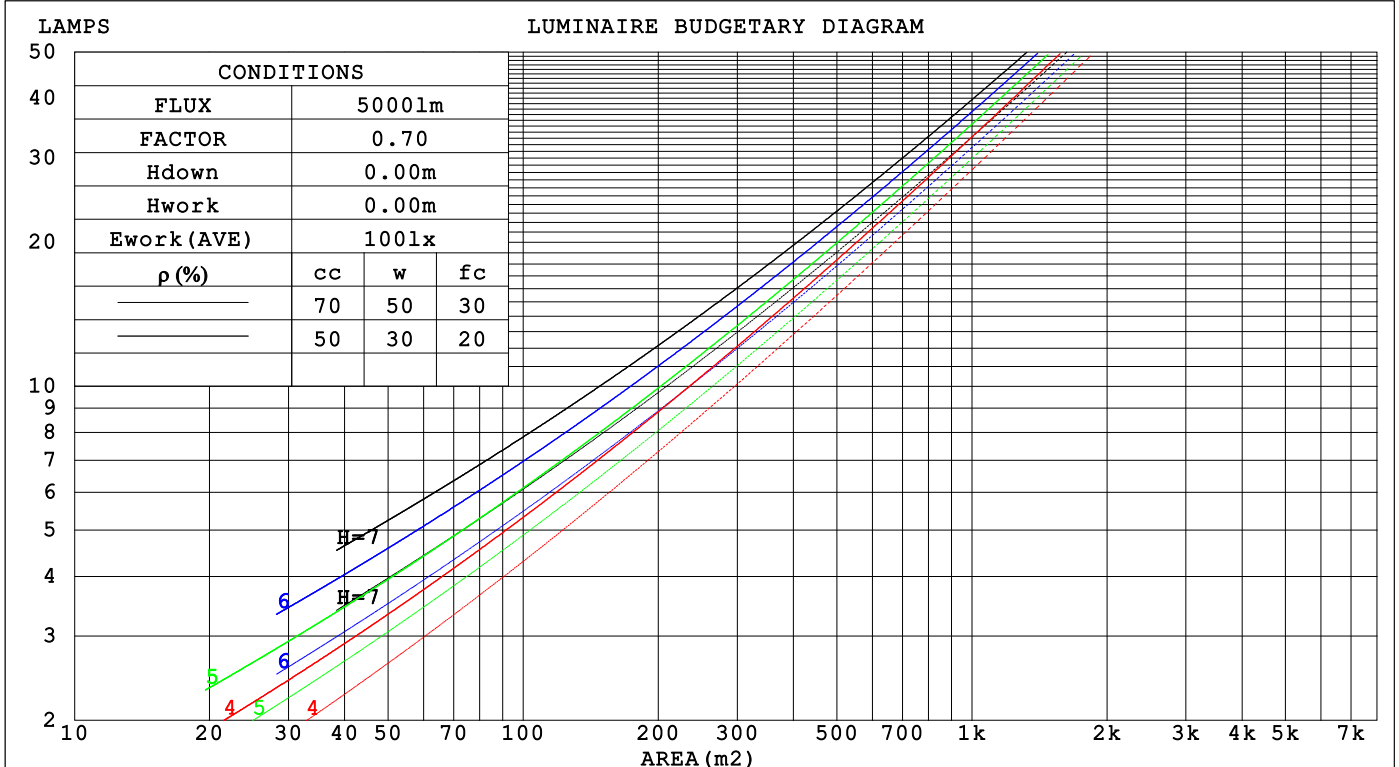
V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	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	.41	.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	.32	.45	.37	.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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	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	.325	.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	.136	.040	.250	.132	.040	.241	.129	.039	.233	.126	.039	
5.0	.242	.123	.036	.238	.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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm										
NAME: 1000015977 FL-2*4-55W-TCP 6500K					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	24.8	26.4	26.7	25.0	26.7	25.3	27.0	27.3
3H	26.5	28.1	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	28.5	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	30.9	31.6	31.4	32.1	32.6	32.1	32.8	32.6	33.3	33.8
12H	31.3	32.0	31.8	32.5	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	31.9	32.4	31.9	32.6	32.4	33.1	33.6
8H	31.3	31.9	31.8	32.4	33.0	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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	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	94	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			

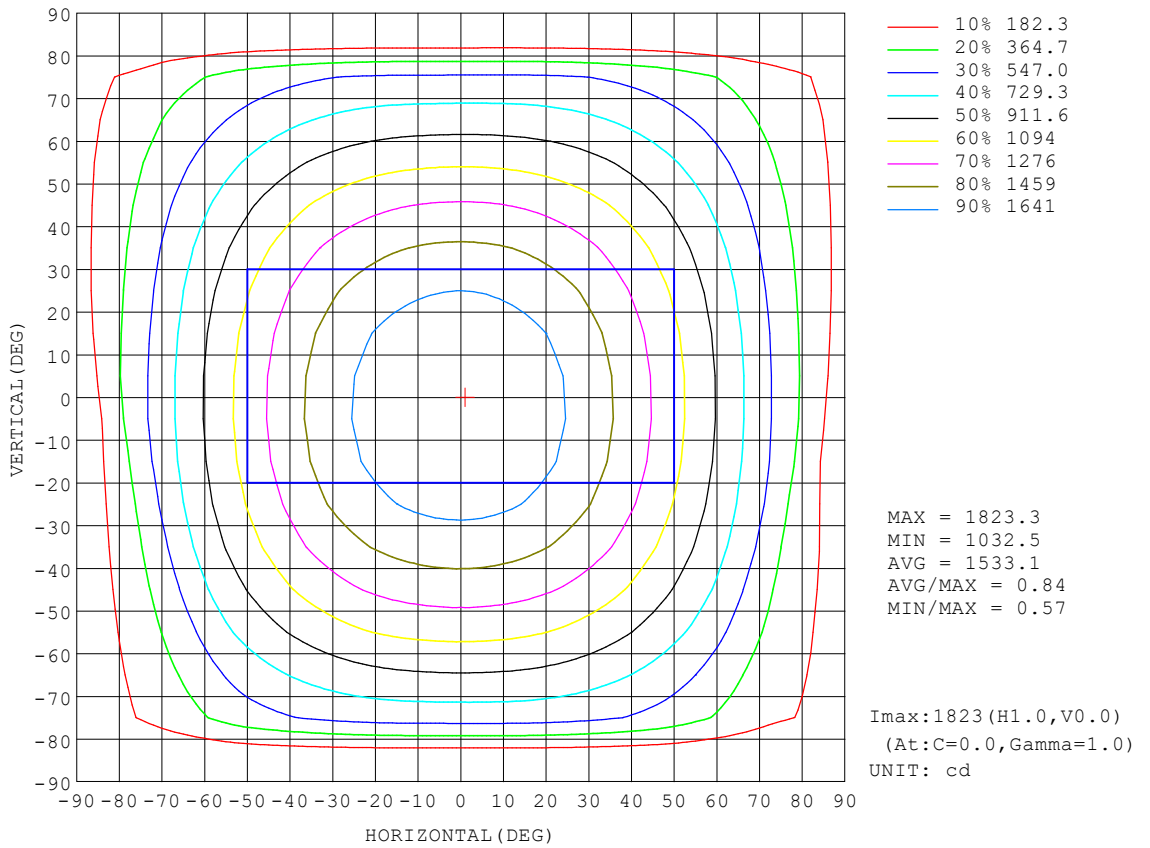
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:



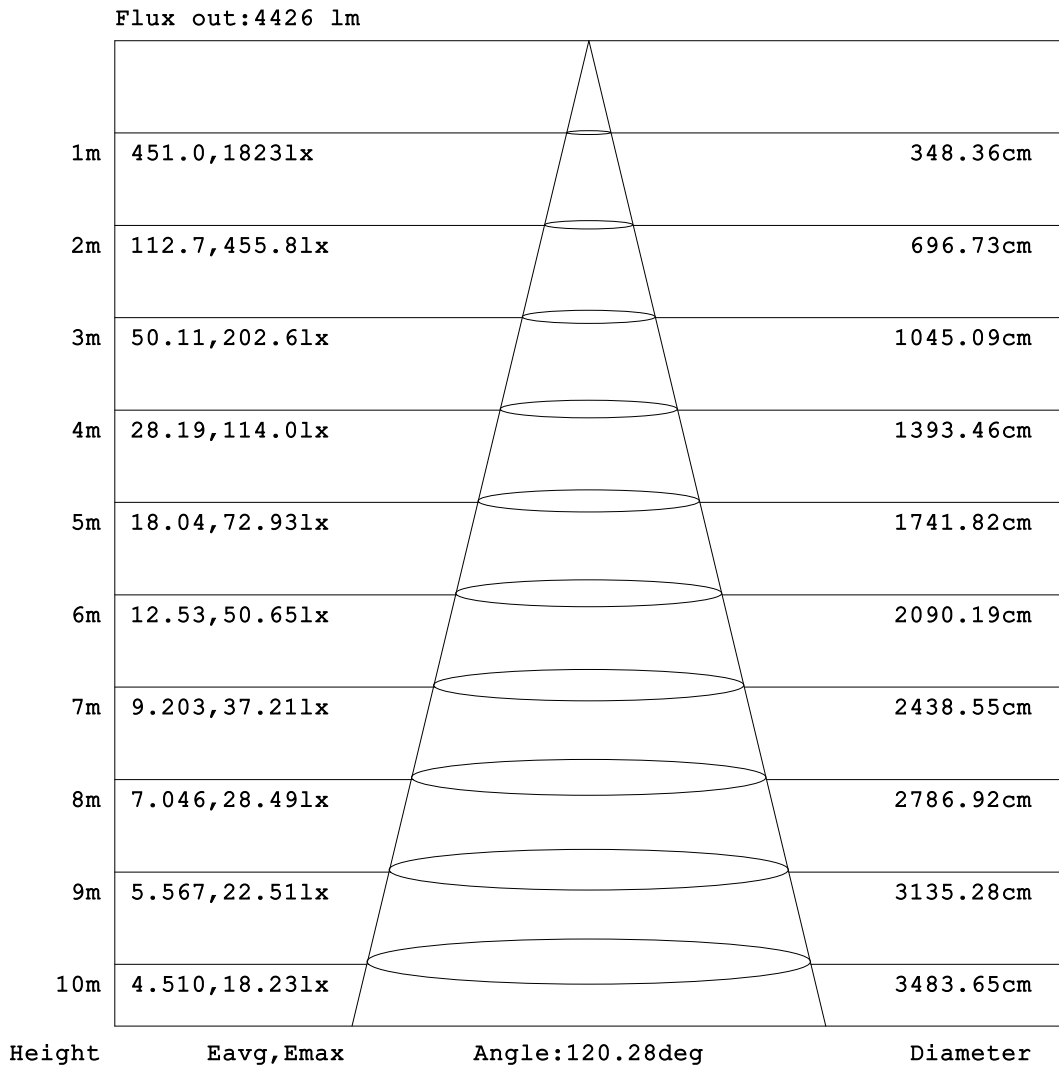
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:



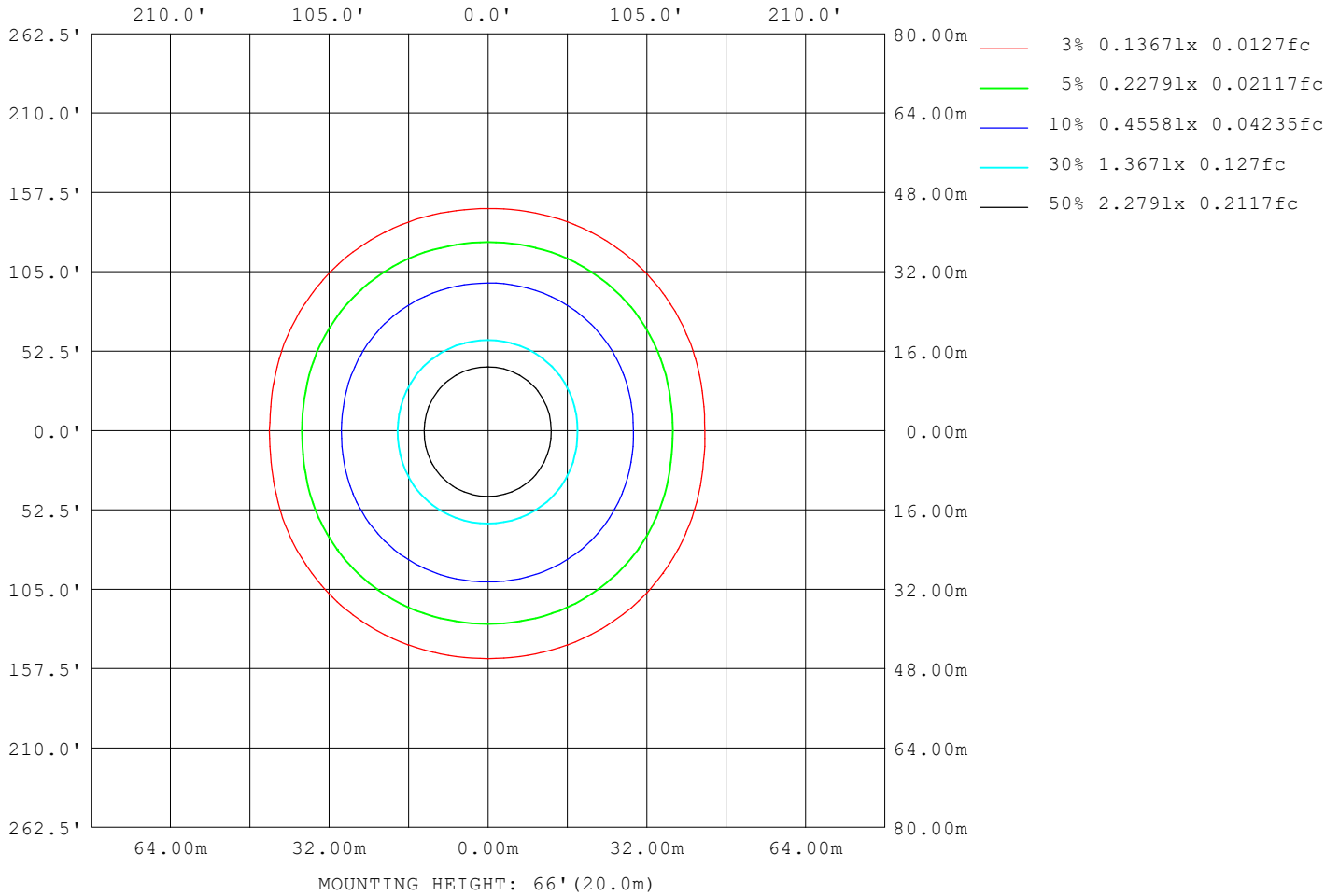
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:



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

LED Avg.L Report

Test:U:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:

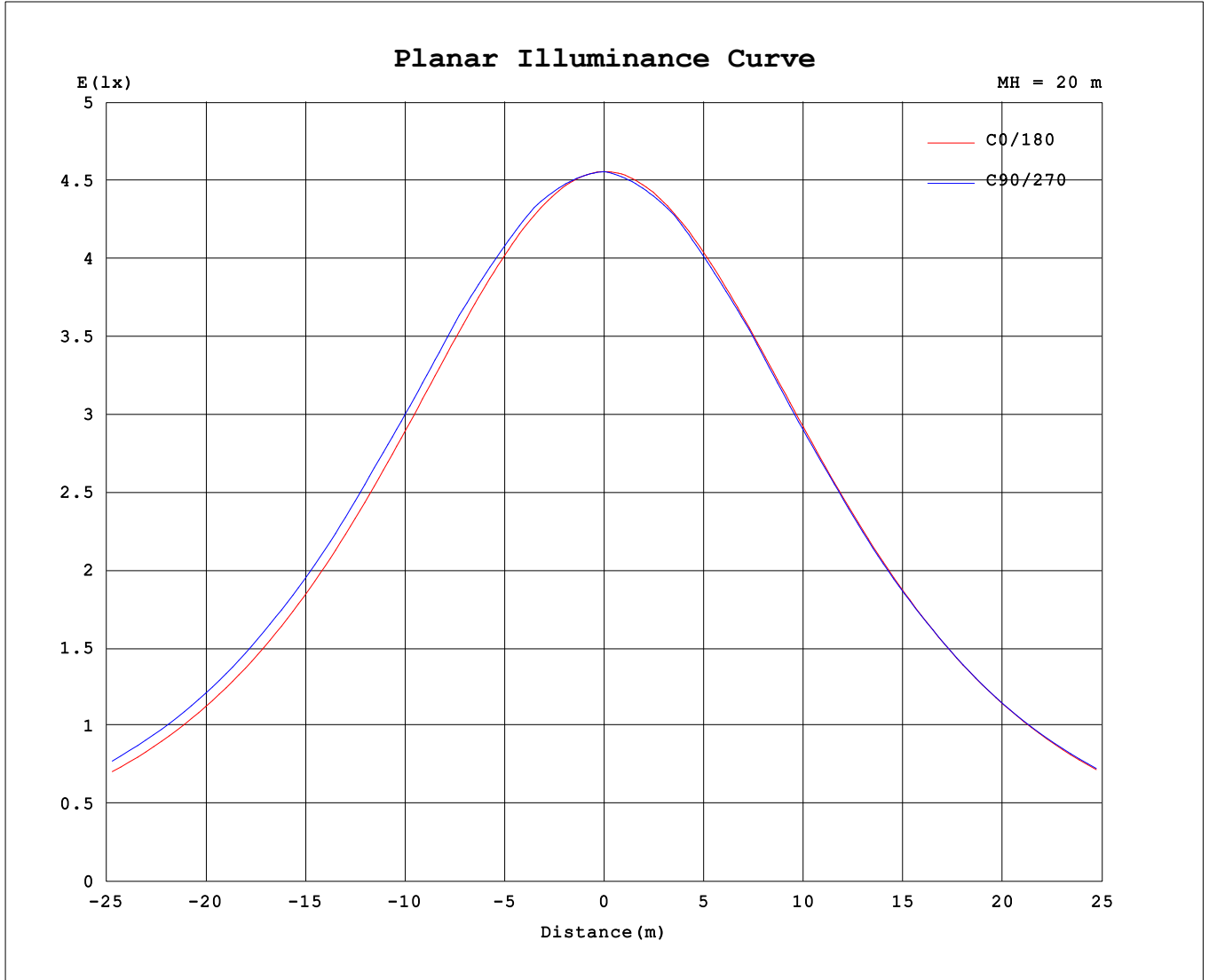
AvgL	cd/m2
L_0~180 (65) av	33522
L_0~180 (75) av	34780
L_0~180 (85) av	38684
L_90~270 (65) av	37158
L_90~270 (75) av	42408
L_90~270 (85) av	0
L_45 (65) av	37272
L_45 (75) av	42455
L_45 (85) av	34949

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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:

Table--1

UNIT: cd

γ (DEG) \ C (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
5	1815	1814	1814	1814	1814	1814	1814	1814	1814	1815	1815	1816	1816	1816	1817	1817	1817	1817	1818
10	1791	1790	1790	1791	1791	1793	1794	1796	1798	1800	1802	1804	1806	1807	1809	1811	1811	1811	1812
15	1754	1753	1754	1755	1757	1761	1765	1770	1774	1775	1776	1776	1777	1778	1780	1780	1781	1781	1782
20	1702	1702	1703	1707	1711	1718	1723	1724	1727	1729	1733	1736	1739	1742	1745	1749	1750	1750	1753
25	1639	1638	1641	1646	1654	1659	1662	1666	1672	1679	1685	1687	1688	1689	1690	1691	1692	1693	1694
30	1563	1563	1566	1574	1581	1585	1592	1601	1610	1612	1615	1618	1622	1626	1628	1631	1634	1634	1636
35	1475	1476	1482	1492	1495	1503	1515	1522	1526	1534	1541	1548	1548	1550	1551	1551	1552	1553	1553
40	1378	1379	1388	1395	1402	1416	1422	1431	1442	1450	1453	1456	1460	1463	1466	1468	1469	1470	1471
45	1272	1273	1285	1290	1303	1312	1323	1338	1343	1350	1356	1363	1367	1367	1369	1369	1369	1369	1369
50	1157	1159	1169	1179	1191	1203	1219	1226	1238	1250	1253	1257	1260	1263	1266	1266	1267	1267	1267
55	1035	1038	1047	1061	1073	1089	1099	1114	1125	1133	1141	1148	1152	1152	1152	1151	1150	1150	1149
60	906	911	919	932	951	963	979	990	1004	1016	1021	1026	1030	1033	1034	1034	1032	1033	1032
65	769	776	786	802	815	833	848	865	875	886	896	903	906	907	907	905	902	901	900
70	630	634	644	657	675	699	713	729	743	753	762	768	774	776	776	775	771	769	768
75	487	487	469	480	506	536	566	587	606	619	628	636	642	645	645	643	639	635	633
80	346	294	308	334	358	387	416	446	475	491	501	507	512	514	514	511	507	502	499
85	203	192	207	217	244	274	296	250	212	172	134	101	73.4	50.3	31.8	17.6	7.71	1.90	0.00
90	46.7	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:25.3°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:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	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	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
5	1817	1817	1817	1817	1817	1817	1817	1816	1816	1816	1816	1815	1815	1815	1815	1816	1816	1816	1815
10	1811	1811	1811	1809	1808	1807	1805	1803	1802	1801	1799	1798	1797	1796	1795	1795	1795	1795	1793
15	1781	1782	1781	1781	1780	1780	1779	1779	1779	1778	1774	1771	1767	1764	1762	1761	1761	1762	1758
20	1752	1751	1749	1748	1745	1743	1740	1737	1735	1734	1732	1732	1727	1722	1717	1714	1713	1714	1710
25	1693	1693	1694	1693	1693	1693	1694	1692	1687	1682	1677	1673	1671	1666	1659	1654	1652	1653	1648
30	1635	1635	1633	1631	1629	1627	1625	1623	1622	1622	1614	1605	1599	1595	1588	1581	1577	1577	1572
35	1553	1554	1553	1553	1554	1555	1554	1549	1544	1539	1536	1531	1519	1512	1507	1498	1493	1494	1488
40	1471	1470	1470	1469	1467	1465	1463	1461	1461	1454	1446	1438	1433	1420	1412	1404	1397	1397	1392
45	1369	1370	1370	1372	1372	1373	1371	1366	1360	1357	1352	1339	1329	1322	1308	1302	1292	1291	1287
50	1267	1268	1268	1268	1268	1266	1264	1262	1261	1252	1241	1232	1219	1209	1198	1187	1178	1178	1173
55	1150	1151	1153	1155	1156	1156	1155	1148	1143	1137	1129	1114	1104	1090	1081	1065	1056	1055	1052
60	1032	1033	1035	1036	1036	1035	1032	1028	1024	1014	1003	994	979	966	950	937	927	926	923
65	900	902	905	908	910	910	909	903	894	885	876	862	849	832	817	802	791	789	788
70	768	770	774	777	777	776	773	768	762	754	741	724	699	672	650	642	644	647	647
75	634	637	641	644	645	644	640	633	626	615	601	571	536	501	472	454	470	503	505
80	500	504	508	512	514	513	510	504	496	485	461	424	391	356	322	294	284	361	367
85	1.90	7.67	17.5	31.7	50.3	73.5	102	134	173	218	261	301	276	246	211	184	161	168	235
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	57.6	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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	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	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
5	1814	1813	1812	1811	1810	1810	1809	1809	1809	1808	1808	1808	1808	1808	1807	1807	1807	1807	1807
10	1791	1789	1788	1787	1787	1787	1787	1788	1788	1788	1790	1790	1790	1790	1791	1791	1791	1791	1791
15	1756	1754	1753	1753	1754	1756	1758	1757	1754	1752	1752	1751	1750	1750	1749	1749	1750	1749	1749
20	1707	1706	1706	1709	1710	1708	1707	1705	1705	1705	1705	1705	1706	1706	1707	1707	1708	1707	1706
25	1645	1646	1649	1649	1647	1647	1648	1650	1653	1650	1647	1645	1642	1641	1641	1640	1640	1640	1640
30	1572	1575	1575	1574	1576	1579	1583	1579	1577	1576	1574	1574	1573	1573	1573	1573	1573	1572	1572
35	1488	1493	1491	1493	1499	1498	1497	1497	1498	1498	1497	1493	1490	1489	1487	1486	1486	1486	1487
40	1395	1396	1398	1405	1404	1405	1409	1410	1408	1406	1405	1404	1402	1401	1400	1399	1399	1399	1400
45	1292	1292	1299	1301	1303	1310	1309	1310	1311	1312	1310	1305	1302	1298	1296	1294	1294	1294	1296
50	1177	1182	1187	1191	1198	1200	1204	1209	1206	1203	1200	1197	1195	1192	1190	1189	1189	1189	1190
55	1055	1065	1068	1076	1080	1089	1090	1091	1091	1091	1089	1085	1081	1077	1074	1072	1072	1072	1074
60	928	935	945	952	962	964	968	972	971	970	969	967	964	959	956	955	954	955	958
65	797	805	814	824	830	837	841	845	848	849	847	844	840	835	830	828	828	829	832
70	656	668	680	690	698	706	713	717	719	720	719	717	714	710	704	701	701	703	707
75	517	530	543	555	566	575	581	587	591	593	594	592	588	584	578	574	574	577	581
80	384	398	413	426	437	448	459	465	469	470	470	467	463	458	452	447	447	450	456
85	248	258	275	285	296	252	206	162	125	93.5	67.2	45.7	28.6	15.8	6.88	1.70	0.00	1.71	6.94
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 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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.45V I:0.4278A P:51.319W PF:0.9960 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6022.42x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823				
5	1807	1807	1807	1807	1807	1807	1807	1808	1808	1809	1809	1810	1811	1812	1813				
10	1790	1789	1788	1787	1786	1785	1784	1784	1784	1783	1783	1784	1785	1786	1788				
15	1749	1749	1749	1749	1750	1751	1752	1753	1751	1749	1747	1746	1747	1748	1750				
20	1706	1704	1703	1702	1701	1700	1699	1700	1702	1704	1701	1698	1697	1697	1698				
25	1640	1641	1641	1643	1644	1646	1643	1640	1638	1638	1639	1638	1635	1633	1634				
30	1571	1571	1570	1570	1570	1570	1571	1573	1569	1565	1562	1564	1562	1558	1558				
35	1487	1488	1490	1491	1494	1491	1489	1487	1486	1484	1479	1476	1478	1473	1471				
40	1399	1400	1400	1400	1400	1400	1402	1398	1394	1391	1389	1383	1381	1378	1374				
45	1297	1300	1302	1304	1305	1303	1300	1299	1299	1290	1286	1282	1275	1275	1269				
50	1192	1194	1195	1196	1197	1198	1200	1194	1188	1185	1177	1171	1164	1160	1155				
55	1077	1081	1083	1086	1087	1085	1083	1080	1077	1068	1063	1053	1047	1038	1034				
60	960	963	966	967	967	967	966	960	954	949	939	932	919	911	907				
65	837	841	844	846	846	844	840	835	830	821	812	801	791	780	773				
70	712	716	719	720	719	717	713	707	699	690	681	668	655	642	632				
75	587	592	595	596	595	592	586	579	570	560	547	535	520	505	492				
80	463	468	472	474	474	471	466	456	443	434	422	403	388	372	358				
85	15.9	28.9	46.1	67.8	94.3	126	163	203	245	297	288	274	261	245	231				
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:25.3°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	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
2.5	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820
5.0	1815	1814	1814	1814	1814	1814	1814	1814	1814	1815
7.5	1804	1804	1803	1804	1804	1805	1805	1806	1807	1808
10.0	1791	1790	1790	1791	1791	1793	1794	1796	1798	1800
12.5	1774	1774	1774	1775	1776	1778	1781	1784	1787	1790
15.0	1754	1753	1754	1755	1757	1761	1765	1770	1774	1775
17.5	1730	1729	1730	1732	1736	1740	1746	1751	1752	1753
20.0	1702	1702	1703	1707	1711	1718	1723	1724	1727	1729
22.5	1672	1672	1674	1678	1684	1692	1694	1697	1700	1704
25.0	1639	1638	1641	1646	1654	1659	1662	1666	1672	1679
27.5	1602	1602	1605	1612	1621	1623	1628	1635	1643	1651
30.0	1563	1563	1566	1574	1581	1585	1592	1601	1610	1612
32.5	1520	1520	1526	1535	1539	1545	1554	1565	1569	1574
35.0	1475	1476	1482	1492	1495	1503	1515	1522	1526	1534
37.5	1428	1429	1436	1444	1450	1460	1471	1477	1485	1493
40.0	1378	1379	1388	1395	1402	1416	1422	1431	1442	1450
42.5	1326	1327	1337	1343	1353	1365	1373	1385	1397	1400
45.0	1272	1273	1285	1290	1303	1312	1323	1338	1343	1350
47.5	1215	1217	1228	1235	1250	1258	1272	1282	1291	1300
50.0	1157	1159	1169	1179	1191	1203	1219	1226	1238	1250
52.5	1097	1099	1108	1121	1132	1148	1159	1170	1185	1191
55.0	1035	1038	1047	1061	1073	1089	1099	1114	1125	1133
57.5	970.9	975.1	983.4	997.2	1013	1026	1041	1053	1064	1075
60.0	905.6	910.8	918.8	932.1	950.8	962.9	979.1	990.2	1004	1016
62.5	838.4	844.1	853.2	867.4	882.9	900.2	913.4	928.4	942.3	950.9
65.0	769.4	775.7	786.1	801.6	815.4	833.3	847.6	864.8	874.7	886.4
67.5	700.1	705.0	715.0	731.0	748.9	764.6	782.9	795.7	808.4	822.0
70.0	629.5	633.6	643.9	657.0	675.2	699.2	713.2	728.8	742.9	753.0
72.5	558.3	561.5	567.9	573.1	592.1	620.8	641.6	660.7	673.8	685.2
75.0	487.5	486.8	469.4	479.8	505.7	536.3	565.6	587.1	606.3	619.0
77.5	416.5	387.2	376.6	398.7	427.9	458.0	487.8	513.3	539.6	554.5
80.0	346.4	293.7	308.4	334.5	357.9	386.9	415.6	446.3	475.4	491.4
82.5	258.2	228.8	257.3	273.9	292.2	325.9	356.4	383.7	412.1	429.2
85.0	202.6	191.7	207.1	216.9	244.2	274.0	296.4	250.5	211.7	171.8
87.5	137.8	150.1	172.9	170.6	98.86	46.30	0	0	0	0
90.0	46.66	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	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
2.5	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820
5.0	1815	1816	1816	1816	1817	1817	1817	1817	1818	1817
7.5	1809	1810	1811	1812	1813	1814	1814	1814	1815	1814
10.0	1802	1804	1806	1807	1809	1811	1811	1811	1812	1811
12.5	1793	1796	1795	1796	1796	1796	1797	1796	1797	1796
15.0	1776	1776	1777	1778	1780	1780	1781	1781	1782	1781
17.5	1755	1757	1758	1761	1763	1764	1766	1766	1768	1767
20.0	1733	1736	1739	1742	1745	1749	1750	1750	1753	1752
22.5	1709	1714	1720	1720	1721	1722	1722	1722	1724	1723
25.0	1685	1687	1688	1689	1690	1691	1692	1693	1694	1693
27.5	1651	1653	1655	1658	1659	1661	1663	1664	1665	1664
30.0	1615	1618	1622	1626	1628	1631	1634	1634	1636	1635
32.5	1578	1583	1588	1593	1593	1594	1594	1594	1595	1594
35.0	1541	1548	1548	1550	1551	1551	1552	1553	1553	1553
37.5	1501	1503	1504	1506	1508	1509	1510	1511	1512	1512
40.0	1453	1456	1460	1463	1466	1468	1469	1470	1471	1471
42.5	1404	1409	1414	1419	1421	1420	1420	1420	1420	1420
45.0	1356	1363	1367	1367	1369	1369	1369	1369	1369	1369
47.5	1309	1311	1313	1315	1317	1318	1318	1318	1318	1318
50.0	1253	1257	1260	1263	1266	1266	1267	1267	1267	1267
52.5	1197	1202	1208	1211	1212	1210	1209	1209	1208	1208
55.0	1141	1148	1152	1152	1152	1151	1150	1150	1149	1150
57.5	1084	1088	1091	1092	1093	1093	1091	1091	1090	1091
60.0	1021	1026	1030	1033	1034	1034	1032	1033	1032	1032
62.5	958.4	964.7	969.9	973.2	972.3	970.5	967.8	966.9	965.7	966.2
65.0	895.8	902.9	906.1	907.4	906.7	905.0	902.2	900.9	899.8	900.1
67.5	829.9	835.5	839.7	841.9	841.3	839.7	836.6	834.9	833.9	834.1
70.0	761.8	768.3	773.6	776.3	776.0	774.6	771.1	768.8	768.0	768.1
72.5	694.6	701.3	708.2	710.8	710.6	708.8	705.0	702.1	700.7	701.1
75.0	628.5	635.8	642.4	644.9	645.0	642.8	638.8	635.4	633.5	634.1
77.5	564.3	571.4	577.0	579.2	579.5	576.9	572.7	568.6	566.2	567.0
80.0	500.7	507.4	512.0	513.8	514.1	511.0	506.6	501.9	499.0	500.0
82.5	420.5	381.5	348.1	319.7	296.6	277.3	262.8	253.3	249.5	252.3
85.0	133.8	101.1	73.36	50.29	31.81	17.62	7.715	1.904	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	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
2.5	1820	1820	1820	1820	1820	1820	1820	1821	1821	1821
5.0	1817	1817	1817	1817	1817	1817	1816	1816	1816	1816
7.5	1814	1814	1814	1813	1812	1811	1811	1810	1809	1808
10.0	1811	1811	1809	1808	1807	1805	1803	1802	1801	1799
12.5	1797	1797	1797	1797	1796	1797	1797	1793	1790	1788
15.0	1782	1781	1781	1780	1780	1779	1779	1779	1778	1774
17.5	1767	1765	1765	1763	1762	1760	1759	1758	1757	1757
20.0	1751	1749	1748	1745	1743	1740	1737	1735	1734	1732
22.5	1723	1724	1724	1724	1724	1719	1716	1712	1708	1706
25.0	1693	1694	1693	1693	1693	1694	1692	1687	1682	1677
27.5	1664	1664	1662	1662	1660	1659	1659	1660	1653	1646
30.0	1635	1633	1631	1629	1627	1625	1623	1622	1622	1614
32.5	1595	1595	1596	1598	1594	1590	1587	1582	1581	1580
35.0	1554	1553	1553	1554	1555	1554	1549	1544	1539	1536
37.5	1512	1512	1511	1510	1510	1509	1509	1503	1497	1491
40.0	1470	1470	1469	1467	1465	1463	1461	1461	1454	1446
42.5	1421	1422	1424	1424	1421	1418	1413	1411	1409	1399
45.0	1370	1370	1372	1372	1370	1371	1366	1360	1357	1352
47.5	1319	1319	1319	1320	1319	1319	1318	1311	1304	1296
50.0	1268	1268	1268	1268	1266	1264	1262	1261	1252	1241
52.5	1210	1212	1214	1215	1213	1209	1205	1201	1199	1185
55.0	1151	1153	1155	1156	1156	1155	1148	1143	1137	1129
57.5	1092	1094	1095	1096	1096	1094	1091	1084	1075	1067
60.0	1033	1035	1036	1036	1035	1032	1028	1024	1014	1003
62.5	967.9	971.0	974.0	976.0	974.4	970.7	965.0	959.0	951.8	940.1
65.0	901.9	905.1	908.2	909.7	910.0	908.9	902.5	894.2	885.3	876.2
67.5	835.8	839.3	842.3	843.5	843.0	841.0	836.7	830.5	819.6	808.1
70.0	769.7	773.6	776.7	777.4	776.3	773.4	768.3	761.9	753.9	740.9
72.5	703.2	707.4	710.7	711.5	709.9	706.4	700.4	693.1	683.9	672.9
75.0	636.8	641.1	644.3	645.5	643.9	640.2	633.4	625.6	615.3	600.6
77.5	570.3	574.7	578.0	579.5	578.3	574.8	568.2	560.0	548.6	528.1
80.0	503.9	508.4	511.9	513.8	513.0	510.0	503.6	495.9	484.9	460.9
82.5	261.4	275.9	295.2	319.6	348.7	383.1	422.3	432.8	422.2	397.9
85.0	7.674	17.53	31.65	50.28	73.50	101.6	134.4	173.3	217.6	260.6
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	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
2.5	1821	1821	1821	1821	1822	1822	1822	1821	1821	1820
5.0	1815	1815	1815	1815	1816	1816	1816	1815	1814	1813
7.5	1808	1807	1807	1807	1807	1807	1806	1806	1804	1803
10.0	1798	1797	1796	1795	1795	1795	1795	1793	1791	1789
12.5	1785	1783	1782	1781	1780	1780	1781	1778	1775	1774
15.0	1771	1767	1764	1762	1761	1761	1762	1758	1756	1754
17.5	1753	1748	1744	1741	1739	1738	1739	1735	1732	1731
20.0	1732	1727	1722	1717	1714	1713	1714	1710	1707	1706
22.5	1704	1702	1695	1689	1685	1684	1684	1680	1678	1677
25.0	1673	1671	1666	1666	1659	1654	1652	1648	1645	1646
27.5	1640	1636	1633	1625	1619	1616	1617	1612	1610	1611
30.0	1605	1599	1595	1588	1581	1577	1577	1572	1572	1575
32.5	1569	1560	1554	1549	1541	1537	1537	1532	1531	1535
35.0	1531	1519	1512	1507	1498	1493	1494	1488	1488	1493
37.5	1487	1477	1467	1460	1452	1446	1447	1442	1443	1445
40.0	1438	1433	1420	1412	1404	1397	1397	1392	1395	1396
42.5	1389	1383	1371	1361	1354	1345	1346	1341	1344	1345
45.0	1339	1329	1322	1308	1302	1292	1291	1287	1292	1292
47.5	1287	1275	1268	1254	1246	1236	1236	1231	1235	1237
50.0	1232	1219	1209	1198	1187	1178	1178	1173	1177	1182
52.5	1173	1164	1150	1141	1127	1119	1117	1113	1117	1124
55.0	1114	1104	1090	1081	1065	1056	1055	1052	1055	1065
57.5	1056	1042	1028	1016	1002	992.3	991.0	987.7	992.0	1000
60.0	994.2	978.7	965.9	950.0	936.7	927.2	925.6	923.3	928.2	935.5
62.5	928.3	916.3	899.1	883.8	870.8	860.7	857.6	857.2	863.5	870.0
65.0	862.1	849.2	831.6	817.3	802.2	791.3	789.0	787.9	797.1	804.7
67.5	797.0	776.9	761.1	740.2	725.8	719.1	718.3	717.5	725.9	736.7
70.0	724.0	699.4	672.4	650.3	642.5	644.2	647.2	646.6	655.8	667.8
72.5	648.5	615.9	584.2	559.7	548.4	561.3	574.6	575.7	586.5	601.2
75.0	570.8	536.1	501.4	472.2	454.3	470.5	502.7	505.4	516.5	530.4
77.5	495.3	460.6	424.8	392.1	368.8	371.4	430.6	435.7	450.2	462.6

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	424.5	390.6	356.2	322.2	294.1	284.0	360.9	367.0	383.5	398.2
82.5	363.2	329.4	294.7	261.7	231.3	212.5	260.1	303.4	318.2	332.3
85.0	301.3	276.1	246.0	211.3	183.5	160.7	168.2	234.7	248.3	258.0
87.5	0	46.56	99.27	163.6	154.2	141.5	117.5	185.7	188.5	176.2
90.0	0	0	0	0	0	0	57.56	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	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
2.5	1820	1819	1818	1818	1818	1817	1817	1816	1816	1816
5.0	1812	1811	1810	1810	1809	1809	1809	1808	1808	1808
7.5	1802	1801	1800	1799	1799	1799	1799	1799	1799	1799
10.0	1788	1787	1787	1787	1787	1788	1788	1788	1790	1790
12.5	1773	1772	1772	1773	1773	1774	1776	1777	1774	1773
15.0	1753	1753	1754	1756	1758	1757	1754	1752	1752	1751
17.5	1731	1733	1735	1736	1733	1732	1731	1729	1728	1729
20.0	1706	1709	1710	1708	1707	1705	1705	1705	1705	1705
22.5	1679	1683	1680	1678	1678	1679	1679	1680	1681	1679
25.0	1649	1649	1647	1647	1648	1650	1653	1650	1647	1645
27.5	1615	1613	1612	1615	1617	1620	1616	1614	1611	1609
30.0	1575	1574	1576	1579	1583	1579	1577	1576	1574	1574
32.5	1534	1535	1538	1543	1540	1539	1537	1538	1538	1537
35.0	1491	1493	1499	1498	1497	1497	1498	1498	1497	1493
37.5	1445	1450	1454	1453	1453	1455	1457	1453	1451	1448
40.0	1398	1405	1404	1405	1409	1410	1408	1406	1405	1404
42.5	1349	1354	1354	1357	1361	1360	1360	1359	1359	1358
45.0	1299	1301	1303	1310	1309	1310	1311	1312	1310	1305
47.5	1245	1246	1252	1255	1257	1260	1263	1259	1255	1251
50.0	1187	1191	1198	1200	1204	1209	1206	1203	1200	1197
52.5	1128	1135	1139	1144	1151	1150	1148	1147	1146	1143
55.0	1068	1076	1080	1089	1090	1091	1091	1091	1089	1085
57.5	1008	1014	1022	1027	1029	1032	1034	1031	1029	1026
60.0	945.0	952.2	961.7	963.7	968.3	972.1	971.3	970.4	969.4	967.1
62.5	879.3	891.2	895.6	901.1	905.8	908.1	909.5	909.6	909.7	908.0
65.0	814.4	824.3	830.4	837.5	841.0	845.2	847.9	848.6	847.5	844.3
67.5	750.4	756.3	765.7	771.1	777.1	782.5	784.3	784.2	783.3	780.7
70.0	680.0	690.1	698.0	706.0	713.4	716.9	719.1	720.0	719.3	717.2
72.5	611.0	621.7	631.9	641.1	646.8	651.7	654.5	656.1	655.9	654.2
75.0	542.8	555.0	565.9	574.7	581.4	587.0	591.1	593.4	593.8	591.8
77.5	476.5	489.9	500.9	510.1	518.2	525.2	529.7	531.7	531.7	529.6
80.0	413.3	426.4	436.9	448.2	458.6	464.9	468.8	470.4	469.8	467.4
82.5	351.4	358.6	368.0	386.8	399.8	405.3	392.4	352.5	318.6	290.2
85.0	275.0	285.3	295.6	252.4	206.4	162.3	124.9	93.46	67.15	45.66
87.5	103.0	47.12	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	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
2.5	1815	1815	1815	1815	1815	1815	1815	1815	1816	1816
5.0	1808	1808	1807	1807	1807	1807	1807	1807	1807	1807
7.5	1799	1800	1799	1799	1799	1799	1799	1799	1798	1798
10.0	1790	1790	1791	1791	1791	1791	1791	1790	1788	1788
12.5	1772	1771	1771	1771	1770	1770	1770	1770	1770	1771
15.0	1750	1750	1749	1749	1750	1749	1749	1749	1749	1749
17.5	1728	1728	1728	1728	1729	1728	1728	1727	1727	1726
20.0	1706	1706	1707	1707	1708	1707	1706	1706	1704	1703
22.5	1677	1676	1675	1673	1674	1674	1674	1675	1675	1677
25.0	1642	1641	1641	1640	1640	1640	1640	1640	1641	1641
27.5	1608	1607	1607	1606	1606	1606	1606	1606	1606	1606
30.0	1573	1573	1573	1573	1573	1572	1572	1571	1571	1570
32.5	1535	1532	1531	1530	1529	1529	1530	1531	1533	1535
35.0	1490	1489	1487	1486	1486	1486	1487	1487	1488	1490
37.5	1446	1445	1444	1443	1442	1443	1444	1443	1444	1444
40.0	1402	1401	1400	1399	1399	1399	1400	1399	1400	1400
42.5	1355	1351	1349	1347	1346	1347	1349	1350	1353	1354
45.0	1302	1298	1296	1294	1294	1294	1296	1297	1300	1302
47.5	1248	1245	1243	1241	1241	1242	1243	1245	1247	1249
50.0	1195	1192	1190	1189	1189	1189	1190	1192	1194	1195
52.5	1140	1135	1133	1130	1130	1131	1133	1135	1139	1142
55.0	1081	1077	1074	1072	1072	1072	1074	1077	1081	1083
57.5	1022	1018	1015	1013	1013	1014	1016	1019	1022	1025
60.0	963.7	959.5	956.1	954.7	954.5	955.4	957.7	960.5	963.3	965.8
62.5	903.4	898.0	893.6	891.5	891.0	892.4	895.4	899.3	903.3	906.7
65.0	840.3	835.1	830.4	828.1	827.6	829.3	832.5	836.7	840.9	843.9
67.5	777.1	772.3	767.2	764.7	764.2	766.1	769.6	774.3	778.6	781.2
70.0	714.1	709.6	704.0	701.4	700.8	703.0	706.7	712.0	716.5	718.9

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]

72.5	651.2	646.6	640.9	637.9	637.3	639.8	643.9	649.6	654.3	656.9
75.0	588.4	583.6	577.9	574.4	573.9	576.5	581.2	587.2	592.0	595.0
77.5	525.7	520.7	514.9	510.9	510.4	513.3	518.6	524.9	529.8	533.2
80.0	463.2	457.9	451.9	447.4	447.0	450.1	456.1	462.7	467.9	471.6
82.5	266.8	248.3	234.3	225.8	223.5	227.1	236.6	250.9	269.7	293.1
85.0	28.61	15.77	6.878	1.697	0	1.707	6.944	15.94	28.92	46.12
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	1823	1823	1823	1823	1823	1823	1823	1823	1823	1823
2.5	1816	1816	1816	1816	1816	1817	1817	1817	1818	1818
5.0	1807	1807	1807	1807	1808	1808	1809	1809	1810	1811
7.5	1797	1797	1797	1797	1797	1797	1797	1798	1798	1799
10.0	1787	1786	1785	1784	1784	1784	1783	1783	1784	1785
12.5	1772	1773	1773	1771	1769	1768	1767	1767	1767	1768
15.0	1749	1750	1751	1752	1753	1751	1749	1747	1746	1747
17.5	1726	1725	1726	1727	1728	1730	1728	1726	1724	1724
20.0	1702	1701	1700	1699	1700	1702	1704	1701	1698	1697
22.5	1677	1676	1673	1672	1671	1670	1672	1674	1670	1667
25.0	1643	1644	1646	1643	1640	1638	1638	1639	1638	1635
27.5	1607	1608	1609	1611	1608	1604	1602	1602	1604	1599
30.0	1570	1570	1570	1571	1573	1569	1565	1562	1564	1562
32.5	1533	1531	1530	1530	1530	1532	1525	1522	1521	1521
35.0	1491	1494	1491	1489	1487	1486	1484	1479	1476	1478
37.5	1446	1447	1450	1446	1443	1439	1440	1435	1430	1430
40.0	1400	1400	1400	1402	1398	1394	1391	1389	1383	1381
42.5	1353	1352	1351	1351	1353	1346	1340	1339	1333	1328
45.0	1304	1305	1303	1300	1299	1299	1290	1286	1282	1275
47.5	1250	1252	1255	1250	1246	1243	1239	1232	1229	1220
50.0	1196	1197	1198	1200	1194	1188	1185	1177	1171	1164
52.5	1142	1142	1142	1141	1141	1132	1126	1121	1112	1106
55.0	1086	1087	1085	1083	1080	1077	1068	1063	1053	1047
57.5	1027	1028	1028	1025	1020	1016	1010	1001	992.9	983.8
60.0	967.1	967.0	967.0	966.1	960.3	953.9	949.1	938.6	931.7	919.3
62.5	907.7	906.8	905.0	902.5	899.5	892.0	884.2	877.6	866.3	855.1
65.0	845.8	846.1	843.6	839.6	834.6	830.0	820.6	812.2	800.6	791.1
67.5	782.9	782.4	780.9	777.5	771.3	763.7	757.5	745.7	736.5	723.8
70.0	720.4	719.4	717.3	712.9	707.4	699.2	689.9	680.9	668.0	655.0
72.5	657.9	656.7	654.1	649.0	642.7	634.9	624.2	613.5	601.0	588.1
75.0	596.1	595.0	591.8	585.9	579.2	570.3	559.8	547.2	534.8	519.6
77.5	534.7	534.2	530.9	525.2	516.8	507.6	496.3	483.1	468.4	454.2
80.0	473.6	473.6	470.7	465.6	455.6	443.2	434.1	421.6	403.3	388.5
82.5	321.6	355.6	394.9	406.6	394.6	378.5	366.8	356.5	337.0	322.1
85.0	67.79	94.28	125.7	162.8	202.6	244.9	297.0	287.6	274.4	260.8
87.5	0	0	0	0	0	0	0	47.83	107.8	193.1
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	1823	1823								
2.5	1819	1820								
5.0	1812	1813								
7.5	1801	1802								
10.0	1786	1788								
12.5	1769	1771								
15.0	1748	1750								
17.5	1724	1726								
20.0	1697	1698								
22.5	1667	1668								
25.0	1633	1634								
27.5	1597	1598								
30.0	1558	1558								
32.5	1517	1516								
35.0	1473	1471								
37.5	1427	1424								
40.0	1378	1374								
42.5	1327	1323								
45.0	1275	1269								
47.5	1219	1213								
50.0	1160	1155								
52.5	1100	1095								
55.0	1038	1034								
57.5	974.9	971.3								
60.0	910.7	906.9								
62.5	845.9	841.5								

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	779.9	772.9
67.5	710.3	703.3
70.0	641.9	632.4
72.5	574.5	561.6
75.0	505.3	491.8
77.5	437.8	423.3
80.0	372.3	357.8
82.5	305.0	289.1
85.0	245.1	230.5
87.5	198.4	188.0
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