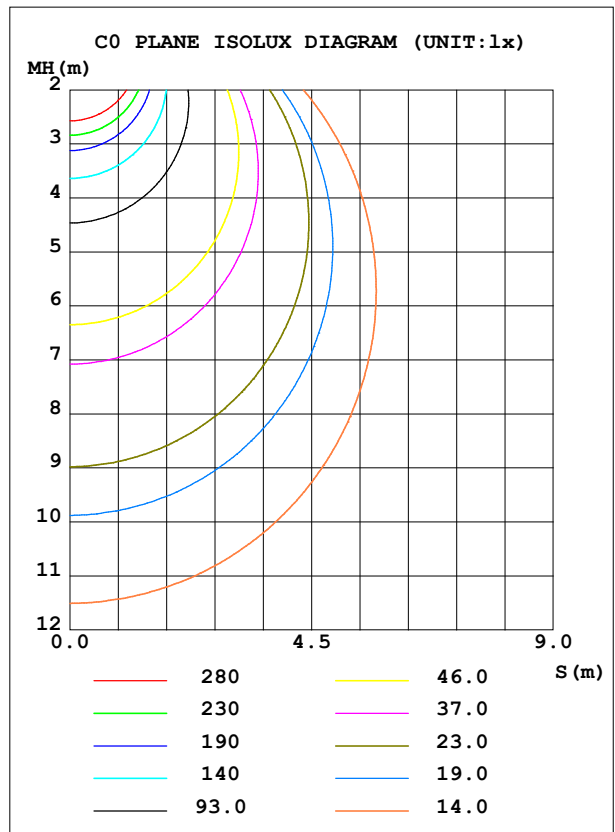
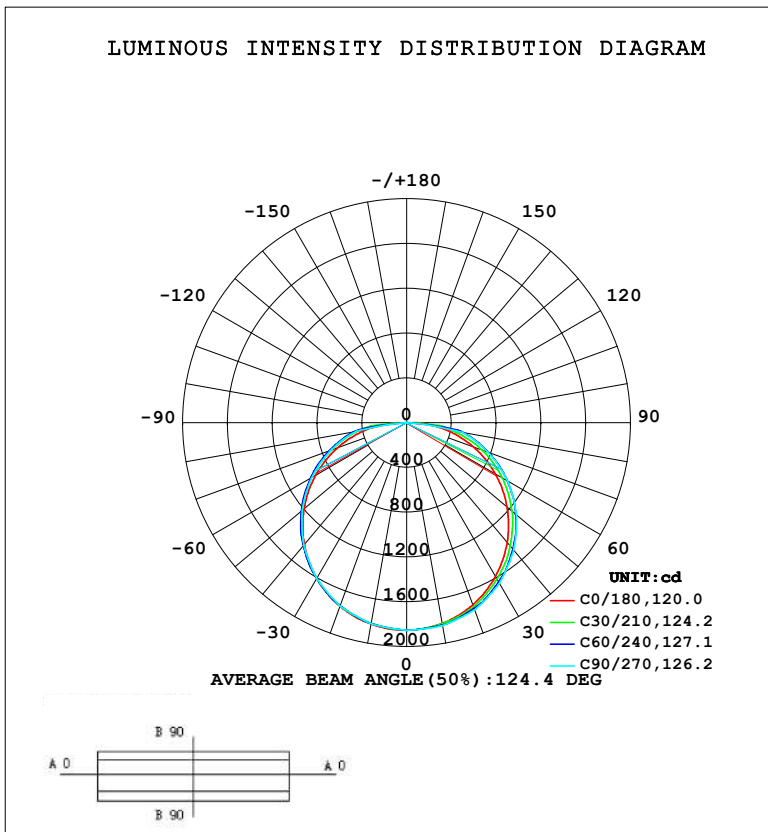


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	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 3500K		Imax (cd)	1854	S/MH(C0/180)	1.29
NOMINAL POWER (W)	55	LOR (%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	6115.6	η UP, DN (C0-180)	0.0, 50.5
NOMINAL FLUX (lm)	6115.58	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.5
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:

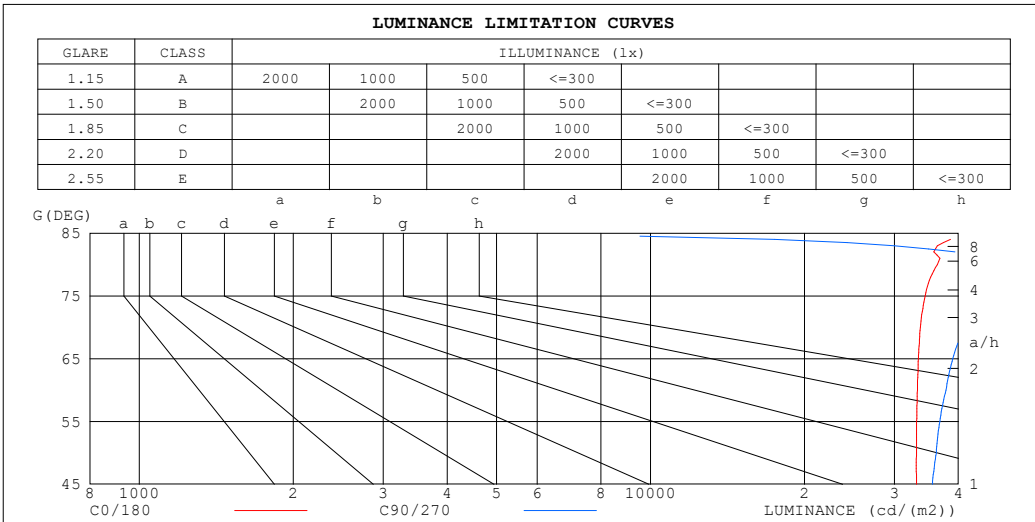
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1820	1829	1841	1833	1827	1820	1825	1817	0- 10	175.4	175.4	2.87,2.87
20	1732	1755	1779	1763	1744	1739	1743	1732	10- 20	506.4	681.8	11.1,11.1
30	1587	1633	1657	1645	1606	1611	1607	1600	20- 30	778.6	1460	23.9,23.9
40	1399	1465	1488	1478	1421	1439	1430	1427	30- 40	960.5	2421	39.6,39.6
50	1171	1259	1281	1274	1197	1234	1217	1222	40- 50	1034	3455	56.5,56.5
60	914.6	1021	1041	1033	939.3	992.2	978.0	985.3	50- 60	995.2	4450	72.8,72.8
70	634.3	756.5	773.3	768.0	655.6	733.4	719.4	728.6	60- 70	849.7	5300	86.7,86.7
80	347.6	492.5	502.7	498.5	366.0	475.7	460.1	476.4	70- 80	616.1	5916	96.7,96.7
90	45.41	0	0	0	57.93	0	0	0	80- 90	199.3	6116	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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	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	42355	0
80	36394	52636
75	34455	44819
70	33719	41108
65	33408	39020
60	33260	37842
55	33149	36791
50	33133	36224
45	33131	35591

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

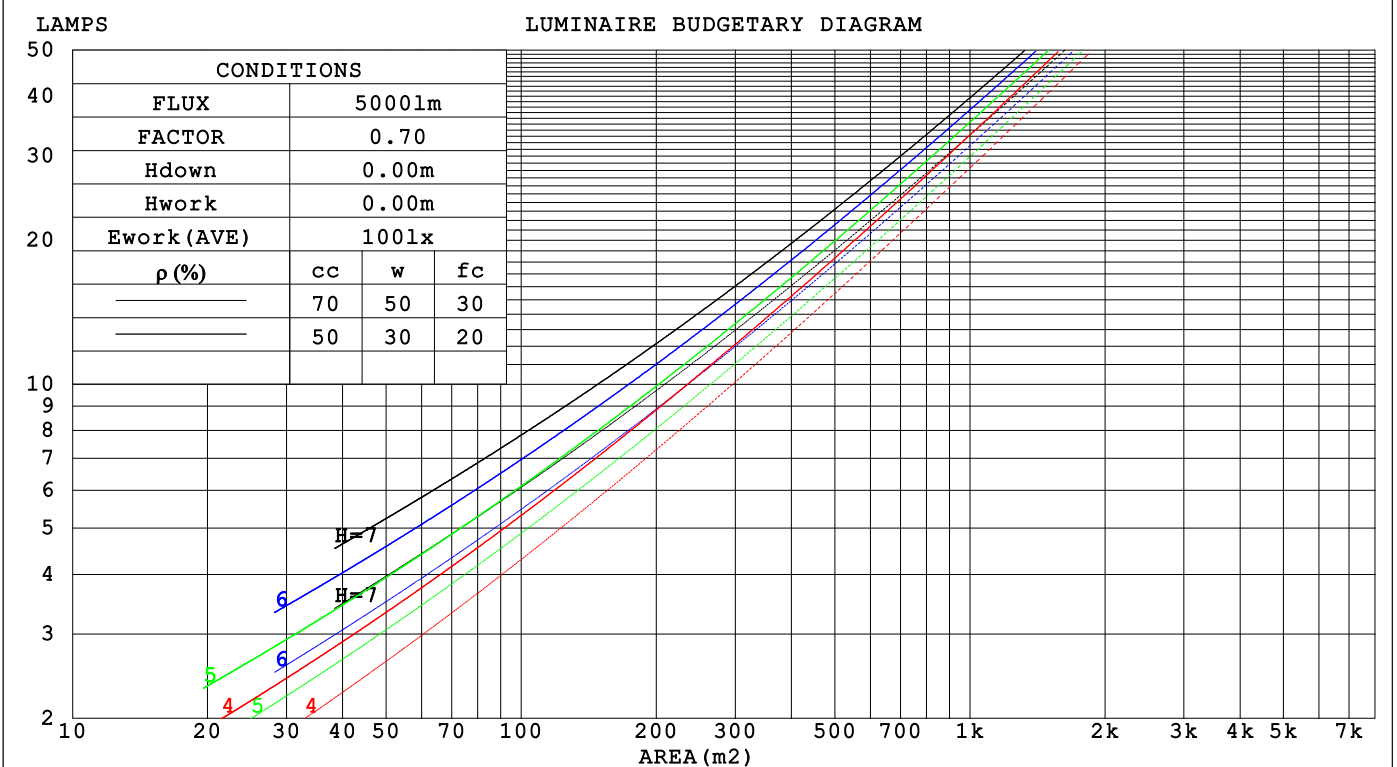
V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	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	.37	.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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	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	.161	.051	.278	.157	.050	
3.0	.289	.154	.046	.283	.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	.038	
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	.211	.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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz										
UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm										
NAME: 1000015977 FL-2*4-55W-TCP 3500K					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	28.4	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	28.0
3H	27.7	28.9	28.1	29.3	29.7	28.4	29.7	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	29.4	30.5	29.9	30.9	31.3	30.9	32.0	31.4	32.4	32.8
8H	29.8	30.7	30.2	31.1	31.6	31.3	32.2	31.7	32.6	33.1
12H	30.1	30.9	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	31.6	32.1	31.7	32.5	32.2	33.0	33.4
8H	30.8	31.5	31.3	32.0	32.5	32.1	32.8	32.6	33.3	33.8
12H	31.3	31.9	31.8	32.4	33.0	32.2	32.8	32.7	33.3	33.8
12H 4H	29.5	30.3	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	33.0	33.6
8H	31.2	31.9	31.7	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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	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	80	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			

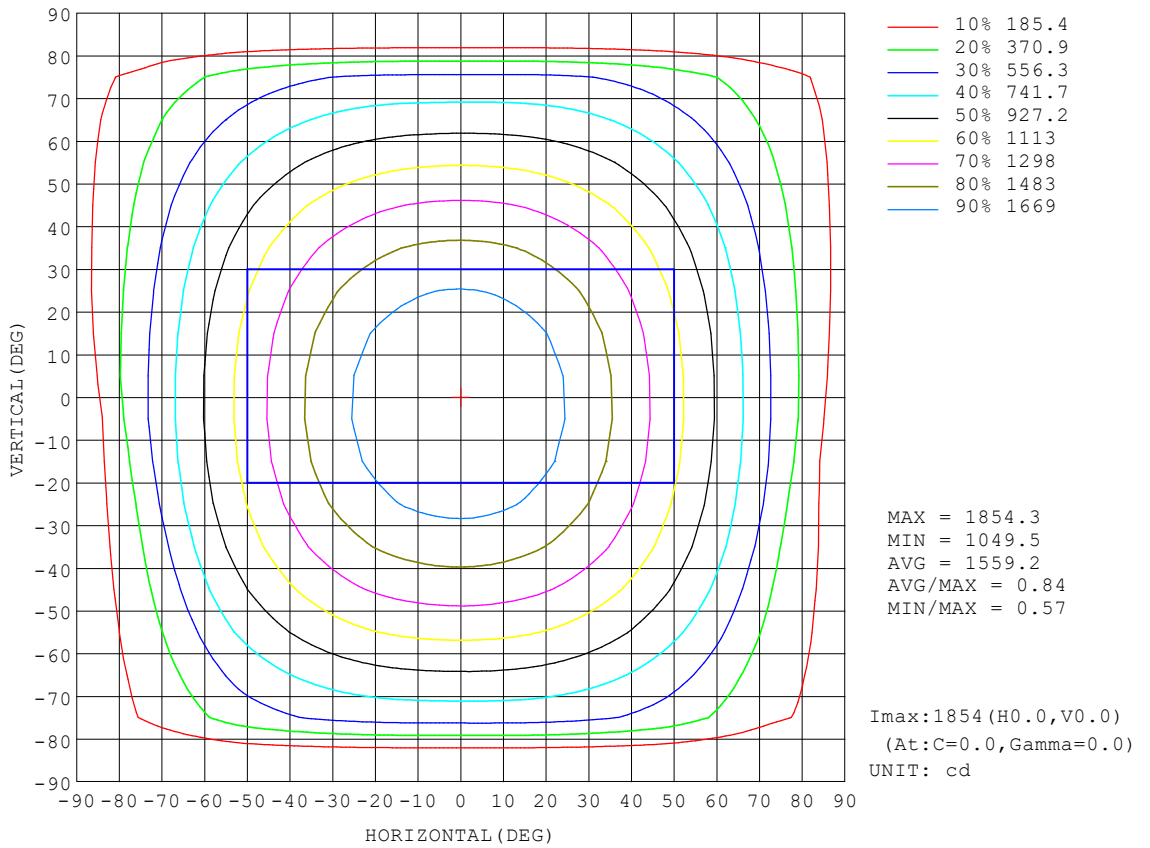
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:



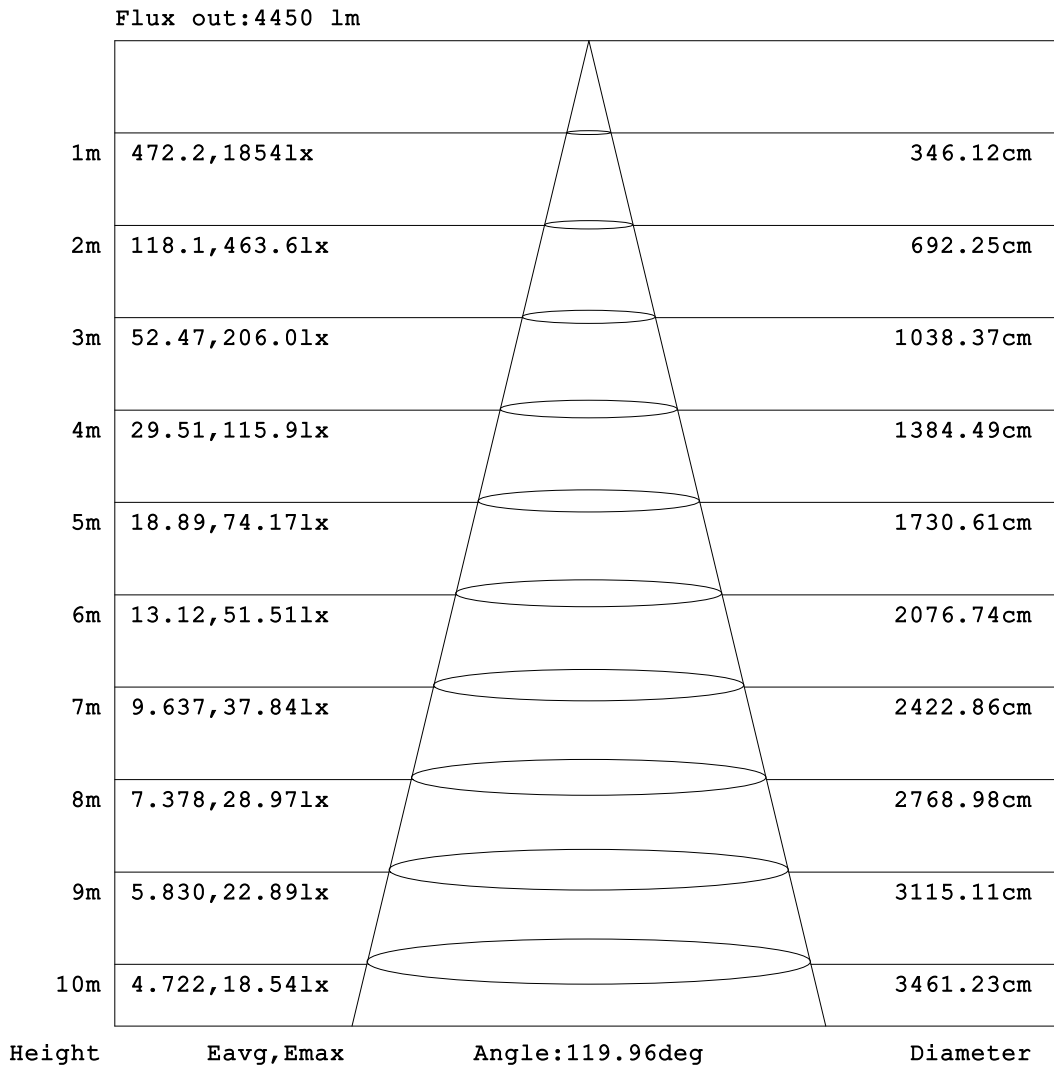
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C LED TMP.:957.6DEG
 Operators:DAMIN
 Test Date:2024-04-12

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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:



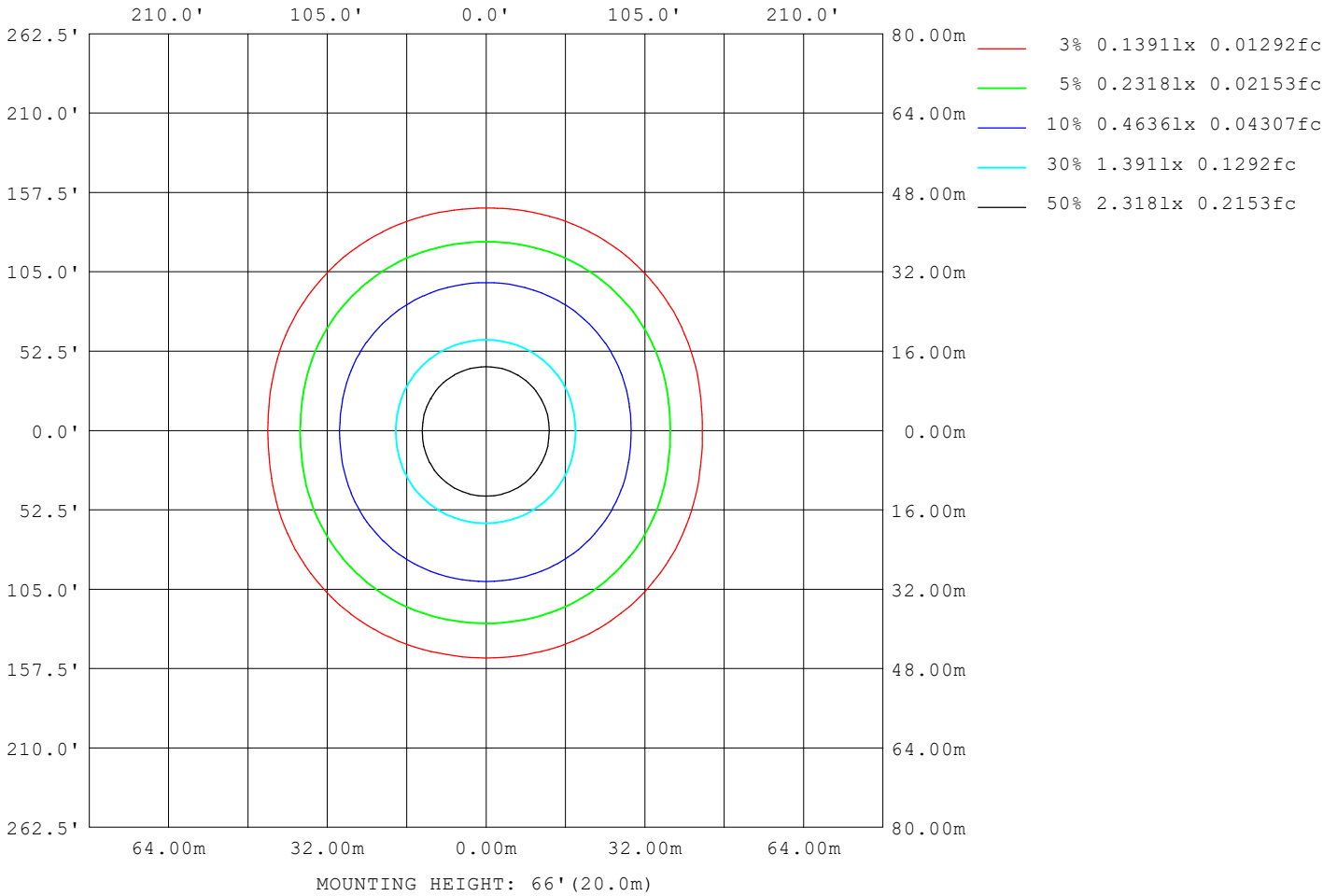
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.194*0.585	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	33913
L_0~180 (75) av	35095
L_0~180 (85) av	38838
L_90~270 (65) av	37766
L_90~270 (75) av	43124
L_90~270 (85) av	0
L_45 (65) av	37791
L_45 (75) av	43024
L_45 (85) av	35399

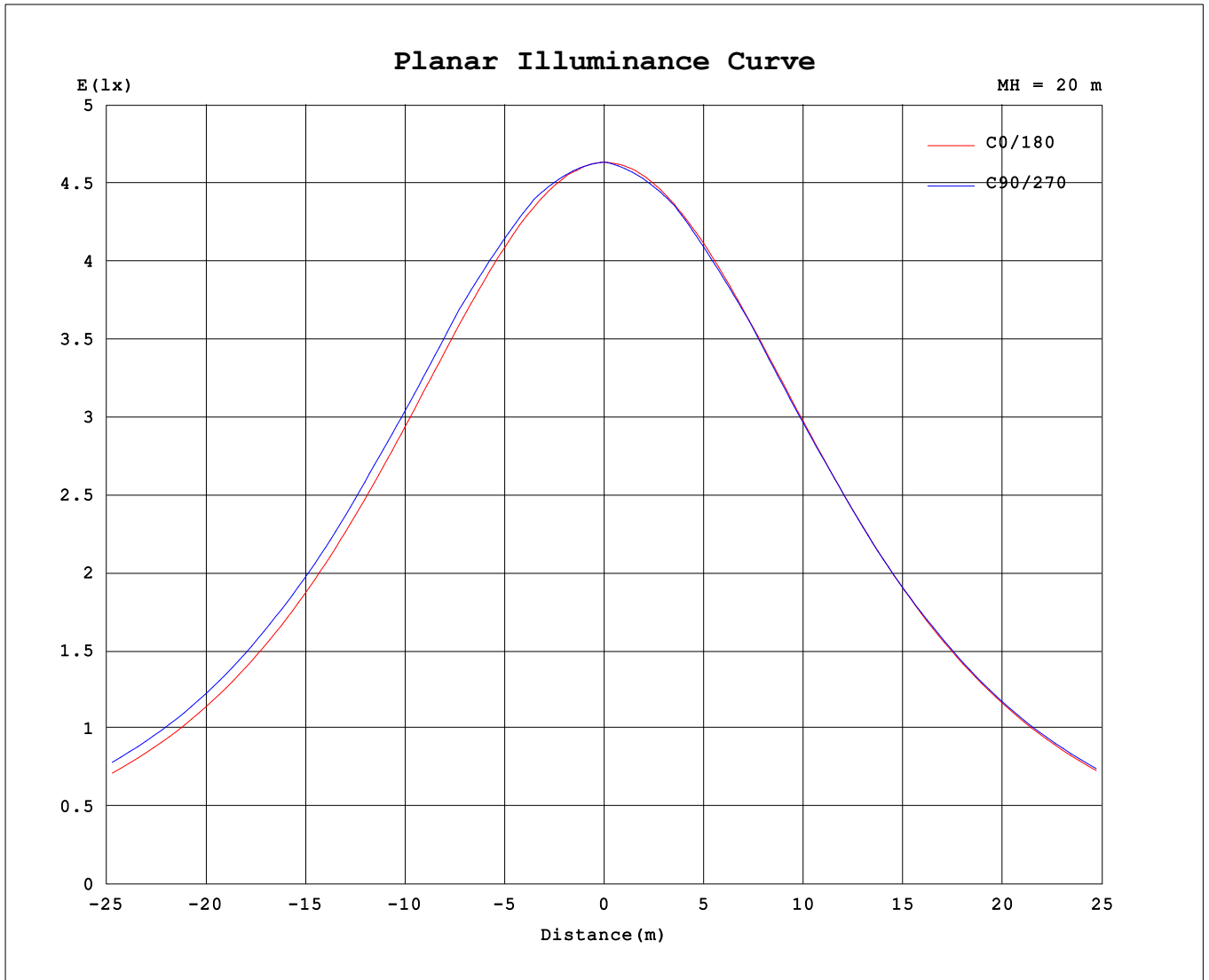
Standard: GB/T 29293-2012

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

Table with 3 columns: NAME, TYPE, WEIGHT, SPEC., DIM., SERIAL No., MFR., SUR., Shielding Angle. Includes test parameters like U:120.42V, I:0.4323A, P:51.834W, PF:0.9956, Freq:59.98Hz.

Table--1

UNIT: cd

Large grid table with 20 columns (0-90 degrees) and 20 rows (0-90 degrees). Values represent luminous intensity in cd.

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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
5	1848	1848	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1848	1847
10	1842	1841	1840	1840	1839	1837	1835	1834	1833	1831	1829	1828	1827	1826	1826	1826	1827	1827	1825
15	1810	1810	1810	1809	1809	1808	1808	1808	1808	1807	1803	1800	1797	1795	1793	1792	1793	1794	1790
20	1778	1778	1777	1774	1772	1770	1767	1765	1763	1761	1759	1759	1755	1750	1746	1743	1743	1744	1740
25	1718	1718	1718	1718	1718	1718	1719	1717	1711	1706	1702	1698	1696	1693	1687	1682	1681	1682	1678
30	1658	1656	1656	1654	1652	1650	1648	1645	1645	1644	1637	1629	1623	1621	1615	1608	1605	1606	1601
35	1573	1573	1573	1573	1574	1575	1575	1569	1564	1560	1557	1552	1542	1535	1531	1522	1518	1519	1514
40	1488	1488	1487	1487	1485	1484	1482	1480	1478	1471	1464	1459	1454	1441	1433	1426	1420	1421	1417
45	1384	1385	1385	1387	1389	1390	1388	1382	1377	1371	1367	1355	1348	1341	1327	1321	1312	1313	1309
50	1280	1280	1281	1281	1281	1280	1278	1276	1274	1264	1254	1247	1235	1226	1214	1204	1196	1197	1192
55	1161	1162	1163	1166	1167	1168	1167	1160	1154	1147	1141	1127	1117	1103	1095	1080	1072	1071	1069
60	1041	1042	1043	1046	1046	1045	1042	1038	1033	1024	1013	1005	989	977	962	950	940	939	938
65	908	909	913	916	917	918	917	910	902	893	883	870	857	841	827	813	801	800	800
70	774	776	780	782	783	782	779	774	768	760	747	730	704	677	656	649	653	656	656
75	638	641	646	648	650	648	644	637	629	619	605	574	539	504	475	457	475	509	513
80	503	507	511	515	516	515	513	506	499	487	462	425	392	357	322	294	285	366	373
85	1.91	7.72	17.6	31.8	50.5	73.8	102	135	174	218	261	301	275	245	210	182	159	169	237
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	57.9	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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
5	1846	1845	1844	1843	1842	1842	1841	1841	1840	1840	1840	1839	1839	1839	1839	1839	1839	1839	1839
10	1823	1822	1820	1820	1819	1819	1819	1820	1820	1821	1822	1823	1823	1824	1824	1824	1825	1824	1824
15	1788	1787	1786	1787	1788	1789	1791	1790	1788	1786	1785	1784	1785	1784	1784	1783	1784	1783	1782
20	1738	1738	1739	1741	1743	1741	1739	1739	1738	1738	1739	1740	1741	1742	1742	1742	1743	1741	1740
25	1676	1677	1680	1680	1679	1679	1680	1682	1685	1684	1680	1679	1677	1676	1675	1675	1675	1673	1673
30	1601	1604	1606	1605	1606	1610	1614	1611	1609	1608	1608	1607	1607	1607	1607	1606	1607	1606	1605
35	1515	1520	1519	1522	1528	1528	1526	1527	1528	1531	1528	1526	1523	1521	1520	1519	1519	1518	1519
40	1419	1422	1425	1432	1432	1433	1436	1439	1436	1436	1435	1433	1433	1432	1431	1431	1430	1430	1430
45	1315	1315	1324	1326	1329	1336	1335	1336	1339	1341	1338	1334	1331	1327	1325	1323	1323	1324	1325
50	1197	1203	1210	1214	1221	1224	1228	1234	1231	1229	1227	1225	1222	1220	1218	1216	1217	1217	1219
55	1073	1084	1088	1097	1103	1111	1113	1113	1115	1116	1114	1110	1106	1103	1099	1097	1097	1098	1101
60	944	952	963	971	982	984	989	992	992	993	992	990	987	983	980	978	978	979	981
65	810	819	830	841	848	855	859	863	867	869	867	865	861	856	851	849	849	850	854
70	667	680	693	703	713	721	729	733	736	737	737	735	732	727	722	719	719	721	725
75	525	540	553	567	578	587	594	600	605	607	608	607	604	599	594	590	590	592	597
80	388	405	421	435	446	458	469	476	480	482	482	480	476	471	465	461	460	463	469
85	251	262	280	291	302	258	211	166	128	95.9	68.9	46.9	29.4	16.2	7.08	1.75	0.00	1.76	7.15
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:120.42V I:0.4323A P:51.834W PF:0.9956 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:6115.58x1 lm		
NAME: 1000015977 FL-2*4-55W-TCP 3500K	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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854				
5	1839	1839	1839	1839	1839	1838	1838	1838	1838	1839	1840	1841	1842	1843	1844				
10	1823	1822	1821	1821	1819	1818	1817	1816	1815	1815	1815	1815	1816	1817	1818				
15	1782	1782	1782	1782	1783	1784	1785	1786	1783	1780	1778	1777	1777	1779	1781				
20	1739	1738	1737	1735	1733	1732	1732	1731	1732	1734	1732	1729	1727	1727	1728				
25	1674	1674	1674	1675	1677	1677	1673	1670	1668	1667	1669	1668	1663	1661	1662				
30	1604	1604	1603	1602	1601	1600	1600	1601	1597	1592	1590	1591	1588	1584	1583				
35	1519	1520	1520	1523	1524	1519	1516	1514	1512	1512	1505	1501	1502	1496	1494				
40	1430	1430	1430	1429	1428	1427	1427	1424	1418	1415	1413	1405	1402	1400	1395				
45	1326	1329	1330	1332	1332	1328	1325	1323	1322	1313	1307	1303	1294	1294	1286				
50	1219	1221	1222	1222	1222	1222	1222	1215	1209	1206	1196	1189	1182	1177	1171				
55	1102	1105	1108	1110	1111	1107	1104	1100	1097	1087	1081	1069	1062	1053	1047				
60	983	986	988	989	988	987	985	979	972	966	954	947	933	923	918				
65	858	862	865	866	866	862	857	851	846	836	826	813	803	789	782				
70	730	735	737	738	736	733	729	723	713	703	693	679	664	650	639				
75	603	608	610	611	609	605	599	592	582	570	557	543	527	511	496				
80	476	481	484	486	485	482	476	466	453	443	429	410	394	376	361				
85	16.4	29.7	47.4	69.6	96.6	129	167	207	250	303	293	279	265	248	232				
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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
2.5	1851	1851	1851	1851	1850	1850	1850	1850	1850	1850
5.0	1846	1845	1845	1844	1844	1844	1843	1843	1844	1844
7.5	1834	1834	1834	1834	1834	1835	1835	1836	1837	1838
10.0	1820	1820	1820	1820	1821	1822	1824	1825	1827	1829
12.5	1804	1803	1804	1804	1806	1807	1810	1812	1815	1819
15.0	1784	1783	1783	1784	1785	1788	1793	1797	1802	1803
17.5	1758	1758	1758	1760	1763	1768	1774	1777	1778	1780
20.0	1732	1731	1732	1734	1738	1744	1750	1750	1753	1755
22.5	1700	1699	1700	1704	1710	1718	1719	1721	1724	1729
25.0	1666	1665	1667	1672	1679	1683	1686	1690	1695	1701
27.5	1627	1626	1629	1635	1644	1646	1650	1657	1664	1672
30.0	1587	1586	1590	1597	1604	1606	1613	1622	1630	1633
32.5	1544	1543	1548	1557	1561	1565	1574	1585	1588	1593
35.0	1497	1497	1503	1513	1516	1523	1534	1540	1544	1551
37.5	1449	1449	1456	1464	1469	1478	1488	1493	1501	1509
40.0	1399	1398	1406	1413	1420	1433	1439	1446	1456	1465
42.5	1344	1345	1355	1360	1369	1381	1388	1399	1410	1414
45.0	1288	1289	1300	1305	1318	1326	1337	1351	1356	1362
47.5	1230	1232	1242	1249	1263	1271	1284	1295	1302	1311
50.0	1171	1173	1182	1191	1203	1215	1230	1237	1248	1259
52.5	1109	1112	1120	1132	1143	1160	1169	1180	1193	1200
55.0	1046	1049	1057	1070	1082	1098	1109	1123	1132	1140
57.5	981.4	984.8	992.6	1005	1021	1034	1049	1061	1071	1082
60.0	914.6	919.1	926.7	939.7	958.0	969.9	986.3	997.5	1010	1021
62.5	846.6	852.2	859.8	873.4	888.9	906.2	919.4	934.5	947.5	956.0
65.0	776.5	782.7	791.5	806.8	820.4	837.8	853.2	870.2	879.8	891.1
67.5	706.3	710.4	719.5	735.8	752.9	768.7	787.9	800.2	812.5	826.0
70.0	634.3	637.7	647.7	660.7	678.8	702.2	716.5	731.9	746.0	756.5
72.5	562.4	564.4	570.8	575.6	594.5	623.1	644.2	663.2	676.7	688.1
75.0	490.5	489.3	471.0	481.0	507.2	537.9	567.6	589.2	608.7	621.1
77.5	418.2	388.6	377.2	399.4	428.6	458.7	489.1	514.8	541.4	556.1
80.0	347.6	294.4	308.8	334.3	357.9	387.1	416.0	447.1	476.6	492.5
82.5	259.0	229.0	257.2	273.4	292.1	325.5	356.2	384.0	412.7	429.8
85.0	203.0	190.9	206.3	216.3	243.7	273.3	295.9	250.3	211.9	172.0
87.5	138.5	148.4	171.4	169.5	98.53	46.16	0	0	0	0
90.0	45.41	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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
2.5	1850	1850	1851	1851	1851	1851	1851	1851	1851	1851
5.0	1845	1846	1846	1847	1847	1848	1848	1848	1848	1848
7.5	1839	1840	1841	1842	1843	1844	1845	1845	1845	1845
10.0	1832	1834	1835	1837	1839	1840	1841	1842	1841	1842
12.5	1822	1824	1824	1824	1825	1825	1826	1827	1826	1826
15.0	1803	1804	1805	1807	1808	1808	1809	1810	1810	1810
17.5	1781	1783	1785	1787	1790	1792	1793	1794	1795	1794
20.0	1758	1762	1765	1768	1771	1775	1776	1778	1779	1778
22.5	1734	1739	1744	1746	1746	1747	1747	1748	1749	1749
25.0	1708	1711	1711	1713	1714	1716	1717	1718	1718	1718
27.5	1673	1675	1677	1680	1682	1684	1686	1688	1688	1688
30.0	1636	1639	1643	1646	1650	1653	1655	1657	1657	1658
32.5	1598	1603	1608	1613	1613	1614	1614	1615	1615	1615
35.0	1559	1567	1568	1569	1569	1571	1572	1573	1572	1573
37.5	1518	1520	1522	1524	1525	1528	1529	1530	1530	1530
40.0	1468	1472	1476	1479	1482	1484	1486	1487	1488	1488
42.5	1419	1424	1429	1434	1436	1435	1436	1436	1436	1436
45.0	1370	1377	1380	1382	1383	1383	1384	1384	1384	1384
47.5	1321	1323	1326	1329	1330	1331	1332	1332	1332	1332
50.0	1263	1268	1272	1275	1278	1279	1280	1280	1281	1280
52.5	1206	1212	1218	1222	1223	1222	1221	1221	1221	1221
55.0	1150	1157	1161	1162	1162	1162	1161	1161	1161	1161
57.5	1093	1096	1099	1101	1102	1102	1101	1101	1101	1101
60.0	1028	1034	1038	1041	1042	1042	1042	1041	1041	1041
62.5	964.1	971.3	976.8	980.8	979.6	978.2	976.4	974.4	973.8	974.5
65.0	900.8	908.3	911.9	913.8	913.3	911.9	909.8	907.7	907.0	907.6
67.5	834.3	840.5	845.0	847.4	847.3	845.7	843.3	841.1	840.1	840.7
70.0	765.7	772.4	778.5	781.2	781.4	779.7	776.9	774.5	773.3	773.9
72.5	697.9	704.9	712.4	714.9	715.3	713.3	710.1	707.1	705.6	706.2
75.0	631.1	638.7	646.0	648.5	649.0	646.9	643.2	639.7	638.0	638.4
77.5	566.2	573.7	579.8	582.3	582.8	580.4	576.3	572.3	570.4	570.7
80.0	502.0	509.2	514.1	516.2	516.8	514.0	509.4	504.9	502.7	502.9
82.5	421.1	382.6	349.3	321.0	298.1	279.0	264.2	254.8	251.4	253.8
85.0	134.0	101.4	73.60	50.49	31.97	17.72	7.756	1.915	0	1.908

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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
2.5	1851	1851	1851	1850	1850	1851	1851	1851	1851	1851
5.0	1848	1847	1847	1847	1847	1847	1847	1847	1847	1847
7.5	1845	1844	1843	1843	1843	1842	1841	1840	1840	1839
10.0	1841	1840	1840	1839	1839	1835	1834	1833	1831	1829
12.5	1826	1826	1826	1826	1826	1827	1825	1823	1820	1818
15.0	1810	1810	1809	1809	1808	1808	1808	1808	1807	1803
17.5	1794	1793	1792	1791	1789	1789	1787	1786	1786	1786
20.0	1778	1777	1774	1772	1770	1767	1765	1763	1761	1759
22.5	1749	1749	1749	1750	1750	1746	1742	1738	1734	1732
25.0	1718	1718	1718	1718	1718	1719	1717	1711	1706	1702
27.5	1687	1687	1685	1684	1685	1683	1683	1683	1678	1670
30.0	1656	1656	1654	1652	1650	1648	1645	1645	1644	1637
32.5	1616	1617	1617	1620	1616	1611	1608	1604	1603	1602
35.0	1573	1573	1573	1574	1575	1575	1569	1564	1560	1557
37.5	1531	1530	1530	1531	1529	1529	1528	1523	1516	1510
40.0	1488	1487	1487	1485	1484	1482	1480	1478	1471	1464
42.5	1437	1438	1440	1441	1439	1435	1431	1427	1425	1416
45.0	1385	1385	1387	1389	1390	1388	1382	1377	1371	1367
47.5	1332	1333	1334	1335	1335	1335	1334	1325	1318	1311
50.0	1280	1281	1281	1281	1280	1278	1276	1274	1264	1254
52.5	1222	1224	1226	1227	1226	1223	1218	1214	1210	1198
55.0	1162	1163	1166	1167	1168	1167	1160	1154	1147	1141
57.5	1102	1103	1106	1107	1107	1105	1103	1094	1086	1078
60.0	1042	1043	1046	1046	1045	1042	1038	1033	1024	1013
62.5	976.3	979.0	982.7	985.0	983.4	980.0	974.0	967.2	960.2	948.9
65.0	909.4	912.5	915.8	917.5	918.0	917.0	910.3	902.7	892.7	883.4
67.5	842.5	846.1	848.9	850.1	849.9	847.7	843.4	837.7	826.6	814.7
70.0	775.8	779.6	782.3	783.1	782.1	779.3	774.4	768.0	760.0	746.8
72.5	708.5	712.7	715.5	716.3	714.7	711.2	705.4	698.0	688.8	678.0
75.0	641.3	645.6	648.4	649.6	648.0	644.1	637.5	629.0	619.3	604.6
77.5	574.0	578.5	581.6	583.0	581.6	578.1	571.4	563.3	551.6	530.5
80.0	506.7	511.5	514.9	516.5	515.4	512.6	505.9	498.5	487.3	462.1
82.5	262.9	277.5	297.0	321.2	350.0	384.9	424.0	434.4	423.8	398.6
85.0	7.716	17.63	31.84	50.52	73.77	102.0	134.9	173.8	218.3	260.9
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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
2.5	1851	1851	1851	1852	1852	1852	1852	1852	1851	1851
5.0	1847	1847	1847	1847	1847	1847	1848	1847	1846	1845
7.5	1839	1838	1838	1838	1838	1839	1839	1837	1836	1835
10.0	1828	1827	1826	1826	1826	1827	1827	1825	1823	1822
12.5	1815	1813	1811	1810	1810	1811	1812	1809	1807	1805
15.0	1800	1797	1795	1793	1792	1793	1794	1790	1788	1787
17.5	1782	1777	1773	1771	1770	1769	1771	1767	1764	1763
20.0	1759	1755	1750	1746	1743	1743	1744	1740	1738	1738
22.5	1729	1728	1723	1718	1715	1714	1715	1711	1709	1709
25.0	1698	1696	1693	1687	1682	1681	1682	1678	1678	1677
27.5	1665	1662	1660	1652	1647	1645	1646	1642	1640	1642
30.0	1629	1623	1621	1615	1608	1605	1606	1601	1601	1604
32.5	1592	1583	1578	1575	1567	1563	1565	1560	1560	1565
35.0	1552	1542	1535	1531	1522	1518	1519	1514	1515	1520
37.5	1508	1499	1488	1484	1476	1470	1472	1467	1469	1472
40.0	1459	1454	1441	1433	1426	1420	1421	1417	1419	1422
42.5	1407	1402	1391	1381	1375	1368	1369	1364	1368	1369
45.0	1355	1348	1341	1327	1321	1312	1313	1309	1315	1315
47.5	1303	1292	1286	1272	1264	1255	1256	1252	1257	1260
50.0	1247	1235	1226	1214	1204	1196	1197	1192	1197	1203
52.5	1187	1178	1165	1156	1143	1134	1134	1131	1136	1145
55.0	1127	1117	1103	1095	1080	1072	1071	1069	1073	1084
57.5	1067	1053	1041	1029	1015	1006	1006	1004	1009	1018
60.0	1005	989.1	976.9	961.9	949.7	939.7	939.3	937.9	943.9	952.1
62.5	937.2	926.2	908.8	894.1	882.6	871.9	870.0	870.0	878.2	885.4
65.0	870.0	857.3	840.6	826.5	812.6	801.4	800.0	800.0	810.2	819.0
67.5	803.8	783.7	768.9	747.6	734.8	728.8	728.3	728.5	738.3	749.3
70.0	729.7	704.5	677.3	655.8	649.2	652.5	655.6	656.4	666.6	680.1
72.5	653.1	619.9	587.9	563.8	552.7	567.1	582.6	584.3	596.1	612.7
75.0	574.0	538.9	503.8	474.7	457.4	474.7	508.7	513.2	525.0	540.1
77.5	497.2	462.7	426.5	393.0	370.0	374.1	435.9	441.9	456.5	471.2

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	425.4	391.6	356.7	322.2	294.1	284.6	366.0	372.8	388.1	405.0
82.5	363.7	329.3	294.3	261.0	230.6	212.1	262.8	307.6	321.8	338.3
85.0	301.3	275.5	245.1	210.2	182.5	159.4	169.3	236.6	250.9	262.0
87.5	0	46.42	98.72	162.4	152.8	141.1	117.5	187.6	189.9	178.5
90.0	0	0	0	0	0	0	57.93	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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
2.5	1850	1849	1849	1849	1848	1848	1847	1847	1847	1846
5.0	1844	1843	1842	1842	1841	1841	1840	1840	1840	1839
7.5	1834	1833	1832	1832	1831	1831	1831	1831	1831	1831
10.0	1820	1820	1819	1819	1819	1820	1820	1821	1822	1823
12.5	1804	1804	1804	1805	1806	1807	1808	1809	1807	1806
15.0	1786	1787	1788	1789	1791	1790	1788	1786	1785	1784
17.5	1764	1765	1767	1769	1767	1764	1763	1763	1762	1763
20.0	1739	1741	1743	1741	1739	1739	1738	1738	1739	1740
22.5	1711	1715	1712	1711	1710	1711	1712	1713	1715	1714
25.0	1680	1680	1679	1679	1680	1682	1685	1684	1680	1679
27.5	1646	1644	1644	1645	1649	1651	1648	1646	1644	1643
30.0	1606	1605	1606	1610	1614	1611	1609	1608	1608	1607
32.5	1564	1564	1568	1573	1570	1569	1569	1570	1570	1571
35.0	1519	1522	1528	1528	1526	1527	1528	1531	1528	1526
37.5	1472	1478	1482	1481	1481	1484	1486	1483	1482	1479
40.0	1425	1432	1432	1433	1436	1439	1436	1436	1435	1433
42.5	1375	1381	1381	1384	1388	1387	1388	1388	1389	1388
45.0	1324	1326	1329	1336	1335	1336	1339	1341	1338	1334
47.5	1269	1271	1277	1280	1282	1285	1289	1286	1283	1280
50.0	1210	1214	1221	1224	1228	1234	1231	1229	1227	1225
52.5	1149	1158	1162	1167	1175	1173	1173	1173	1172	1170
55.0	1088	1097	1103	1111	1113	1113	1115	1116	1114	1110
57.5	1026	1034	1044	1049	1050	1053	1056	1055	1053	1050
60.0	962.8	971.2	982.0	983.8	988.5	992.2	992.4	992.8	991.9	989.9
62.5	895.9	908.6	914.6	920.4	925.4	927.8	929.8	930.9	931.1	929.7
65.0	829.7	841.4	848.0	855.4	859.3	863.5	867.5	869.0	867.5	864.7
67.5	764.8	771.4	781.7	787.5	794.3	800.0	802.4	803.1	802.1	799.9
70.0	692.9	703.4	712.6	721.4	729.1	733.4	735.6	737.2	736.9	735.1
72.5	622.5	634.0	645.4	655.0	661.4	666.5	669.7	671.6	671.8	670.6
75.0	553.2	566.5	578.3	587.4	594.3	600.2	604.8	607.3	608.3	606.9
77.5	485.7	499.9	511.5	520.9	529.6	537.2	542.2	544.3	545.1	543.4
80.0	421.1	434.9	445.8	457.8	468.9	475.7	480.2	482.0	482.0	480.0
82.5	357.9	365.8	375.9	395.4	409.1	415.2	402.3	361.6	327.0	298.1
85.0	279.7	290.9	302.5	258.2	211.2	166.3	128.1	95.89	68.92	46.90
87.5	104.7	48.04	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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
2.5	1846	1846	1846	1847	1847	1847	1847	1846	1846	1846
5.0	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839
7.5	1831	1832	1831	1831	1832	1831	1831	1831	1831	1830
10.0	1823	1824	1824	1824	1825	1824	1824	1823	1822	1821
12.5	1806	1805	1804	1804	1804	1803	1804	1803	1804	1805
15.0	1785	1784	1784	1783	1784	1783	1782	1782	1782	1782
17.5	1762	1763	1763	1763	1763	1762	1761	1761	1760	1760
20.0	1741	1742	1742	1742	1743	1741	1740	1739	1738	1737
22.5	1712	1711	1709	1709	1709	1708	1708	1708	1709	1710
25.0	1677	1676	1675	1675	1675	1673	1673	1674	1674	1674
27.5	1642	1641	1641	1641	1641	1639	1639	1639	1639	1638
30.0	1607	1607	1607	1606	1607	1606	1605	1604	1604	1603
32.5	1568	1566	1564	1563	1563	1562	1563	1564	1565	1567
35.0	1523	1521	1520	1519	1519	1518	1519	1519	1520	1520
37.5	1478	1476	1475	1475	1475	1474	1474	1474	1475	1476
40.0	1433	1432	1431	1431	1430	1430	1430	1430	1430	1430
42.5	1385	1381	1379	1377	1377	1377	1378	1380	1382	1383
45.0	1331	1327	1325	1323	1323	1324	1325	1326	1329	1330
47.5	1276	1273	1271	1270	1270	1270	1271	1273	1275	1276
50.0	1222	1220	1218	1216	1217	1217	1219	1219	1221	1222
52.5	1166	1163	1159	1157	1157	1158	1160	1162	1165	1167
55.0	1106	1103	1099	1097	1097	1098	1101	1102	1105	1108
57.5	1046	1043	1039	1038	1038	1038	1041	1043	1046	1048
60.0	986.6	983.3	979.7	978.2	978.0	978.5	981.2	983.1	986.4	988.1
62.5	925.1	920.5	915.7	913.6	913.4	914.3	917.7	921.0	925.2	928.6
65.0	860.7	856.0	851.2	848.8	848.7	849.9	853.5	857.5	861.6	864.6
67.5	796.3	791.7	786.6	784.1	784.1	785.6	789.4	794.0	798.0	800.9
70.0	732.0	727.4	722.1	719.3	719.4	721.3	725.4	730.4	734.6	737.2

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	667.8	663.1	657.8	654.7	654.6	656.8	661.4	666.7	671.0	673.8
75.0	603.6	598.9	593.6	590.1	589.7	592.3	597.4	603.0	607.6	610.5
77.5	539.7	534.7	529.4	525.5	524.9	527.9	533.4	539.4	544.3	547.4
80.0	475.9	470.6	465.2	460.9	460.1	463.4	469.4	475.7	481.0	484.5
82.5	274.2	255.2	241.2	232.6	230.0	233.9	243.5	258.0	277.3	301.2
85.0	29.41	16.21	7.081	1.748	0	1.758	7.147	16.39	29.74	47.38
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	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
2.5	1847	1847	1847	1847	1848	1848	1848	1849	1849	1849
5.0	1839	1839	1838	1838	1838	1838	1839	1840	1841	1842
7.5	1829	1829	1829	1829	1829	1828	1829	1829	1830	1830
10.0	1821	1819	1818	1817	1816	1815	1815	1815	1815	1816
12.5	1805	1806	1805	1804	1802	1800	1799	1799	1798	1799
15.0	1782	1783	1784	1785	1786	1783	1780	1778	1777	1777
17.5	1759	1758	1758	1759	1760	1761	1759	1756	1754	1753
20.0	1735	1733	1732	1732	1731	1732	1734	1732	1729	1727
22.5	1710	1708	1705	1703	1702	1701	1702	1704	1699	1696
25.0	1675	1677	1677	1673	1670	1668	1667	1669	1668	1663
27.5	1639	1639	1640	1642	1637	1633	1631	1630	1632	1626
30.0	1602	1601	1600	1600	1601	1597	1592	1590	1591	1588
32.5	1565	1562	1560	1558	1558	1559	1552	1549	1547	1547
35.0	1523	1524	1519	1516	1514	1512	1512	1505	1501	1502
37.5	1476	1476	1477	1473	1469	1466	1465	1459	1453	1454
40.0	1429	1428	1427	1427	1424	1418	1415	1413	1405	1402
42.5	1382	1380	1378	1377	1377	1371	1364	1361	1354	1349
45.0	1332	1332	1328	1325	1323	1322	1313	1307	1303	1294
47.5	1277	1278	1279	1274	1269	1266	1261	1252	1248	1239
50.0	1222	1222	1222	1222	1215	1209	1206	1196	1189	1182
52.5	1168	1166	1165	1163	1162	1153	1146	1140	1130	1122
55.0	1110	1111	1107	1104	1100	1097	1087	1081	1069	1062
57.5	1050	1050	1050	1045	1040	1035	1027	1017	1009	997.7
60.0	989.0	988.4	986.7	985.3	979.3	971.7	965.8	954.4	947.4	932.8
62.5	928.5	927.3	924.4	920.6	917.9	909.7	900.5	892.2	879.8	867.9
65.0	865.9	865.9	862.3	857.0	851.5	846.0	836.0	825.5	813.3	802.6
67.5	801.7	800.8	798.5	793.9	786.7	779.3	772.0	758.3	747.6	733.9
70.0	737.8	736.4	733.5	728.6	722.7	713.0	703.1	693.0	678.7	664.2
72.5	674.1	672.6	669.0	663.6	656.1	647.4	636.0	624.6	610.9	596.0
75.0	611.1	609.5	605.4	599.4	591.7	582.0	570.4	556.6	543.3	526.9
77.5	548.4	547.1	543.6	537.3	528.5	518.4	506.2	491.5	475.9	460.6
80.0	486.0	485.1	482.3	476.4	465.7	452.7	443.1	429.4	409.8	394.2
82.5	330.1	364.3	404.7	416.1	403.1	386.4	374.3	363.1	343.2	327.0
85.0	69.59	96.59	128.8	166.6	206.9	250.1	303.0	292.8	279.4	265.2
87.5	0	0	0	0	0	0	0	48.69	109.6	195.3
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	1854	1854								
2.5	1850	1851								
5.0	1843	1844								
7.5	1831	1833								
10.0	1817	1818								
12.5	1800	1802								
15.0	1779	1781								
17.5	1754	1755								
20.0	1727	1728								
22.5	1695	1696								
25.0	1661	1662								
27.5	1623	1624								
30.0	1584	1583								
32.5	1541	1540								
35.0	1496	1494								
37.5	1449	1446								
40.0	1400	1395								
42.5	1348	1342								
45.0	1294	1286								
47.5	1237	1230								
50.0	1177	1171								
52.5	1115	1110								
55.0	1053	1047								
57.5	988.0	983.3								
60.0	923.3	917.7								
62.5	856.8	851.2								

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	789.3	781.7
67.5	719.2	710.7
70.0	649.9	639.0
72.5	581.6	567.0
75.0	511.4	496.0
77.5	442.6	426.8
80.0	376.5	360.6
82.5	309.0	291.2
85.0	248.4	232.5
87.5	201.0	189.9
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