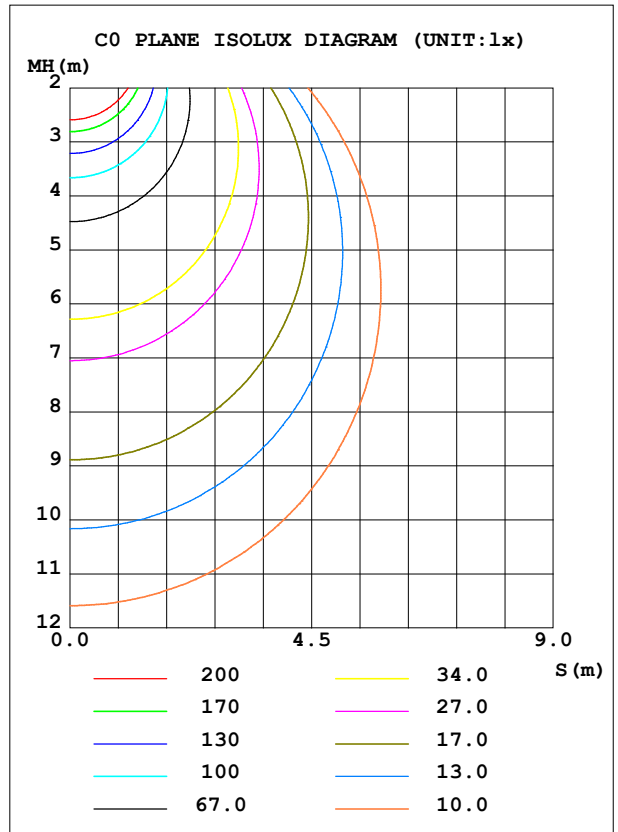
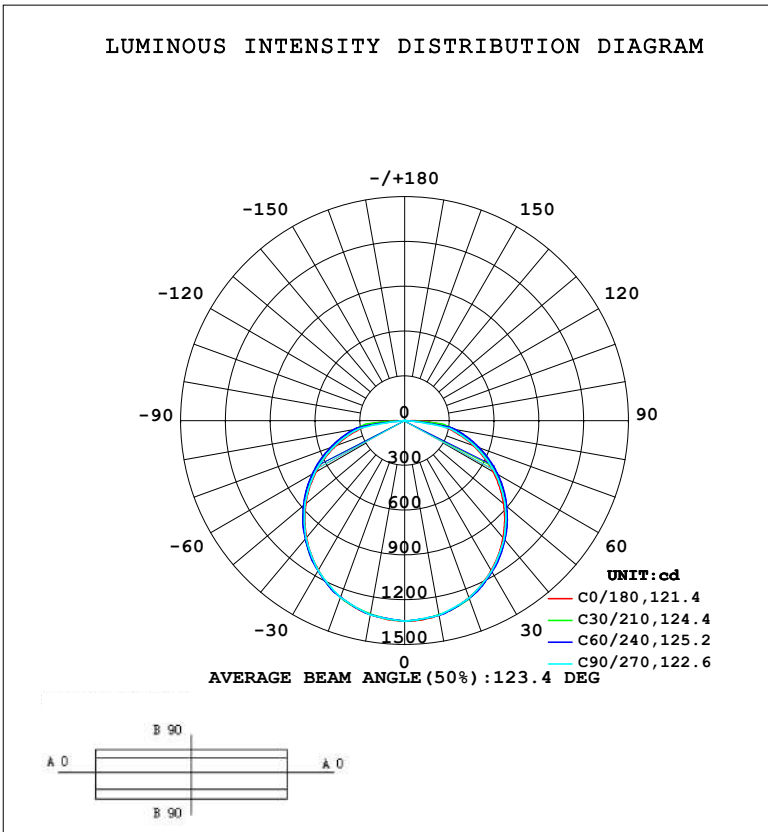


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.67 lm/W			
1000015976 FL-2*2-40W-TCP 6500K		Imax (cd)	1343	S/MH (C0/180)	1.28
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	4399.8	η UP, DN (C0-180)	0.0,50.0
NOMINAL FLUX (lm)	4399.78	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0,50.0
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
 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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

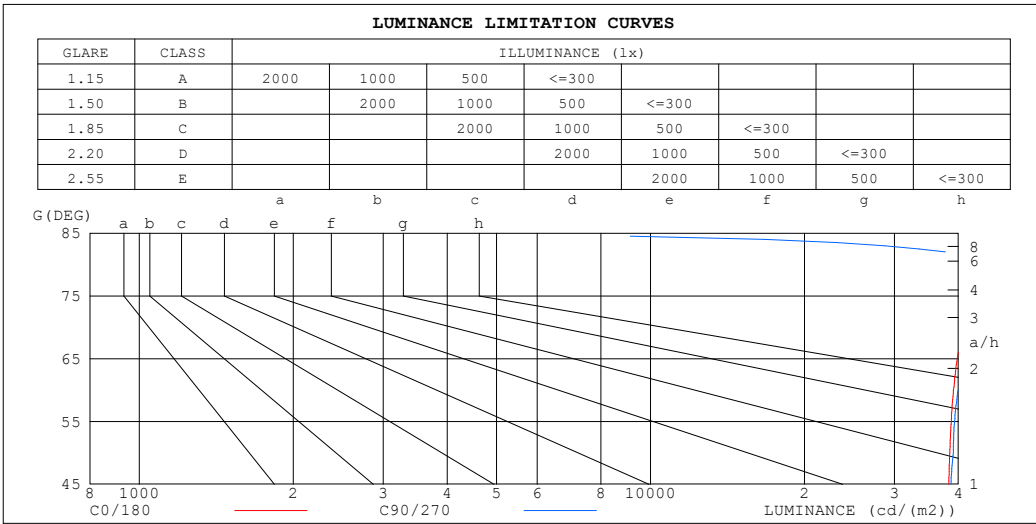
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1323	1321	1323	1318	1320	1316	1321	1319	0- 10	126.9	126.9	2.88,2.88
20	1261	1265	1265	1261	1258	1257	1259	1261	10- 20	365.7	492.5	11.2,11.2
30	1159	1173	1165	1169	1156	1164	1160	1168	20- 30	560.9	1053	23.9,23.9
40	1026	1048	1036	1043	1024	1039	1029	1043	30- 40	690.0	1743	39.6,39.6
50	866.1	897.3	879.5	893.4	864.2	890.7	872.7	893.4	40- 50	741.4	2485	56.5,56.5
60	684.9	725.2	699.5	720.2	684.7	719.2	694.2	722.7	50- 60	711.9	3197	72.7,72.7
70	488.9	534.5	501.0	531.1	489.7	533.4	501.5	535.5	60- 70	607.0	3804	86.5,86.5
80	291.4	345.1	306.1	343.6	292.6	348.9	309.9	350.8	70- 80	444.3	4248	96.6,96.6
90	41.73	0	0	0	43.51	0	0	0	80- 90	151.7	4400	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
 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:

LUMINANCE LIMITATION CURVES

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	68926	0
80	47945	50367
75	42842	44547
70	40845	41848
65	39825	40579
60	39137	39971
55	38764	39328
50	38497	39095
45	38328	38699

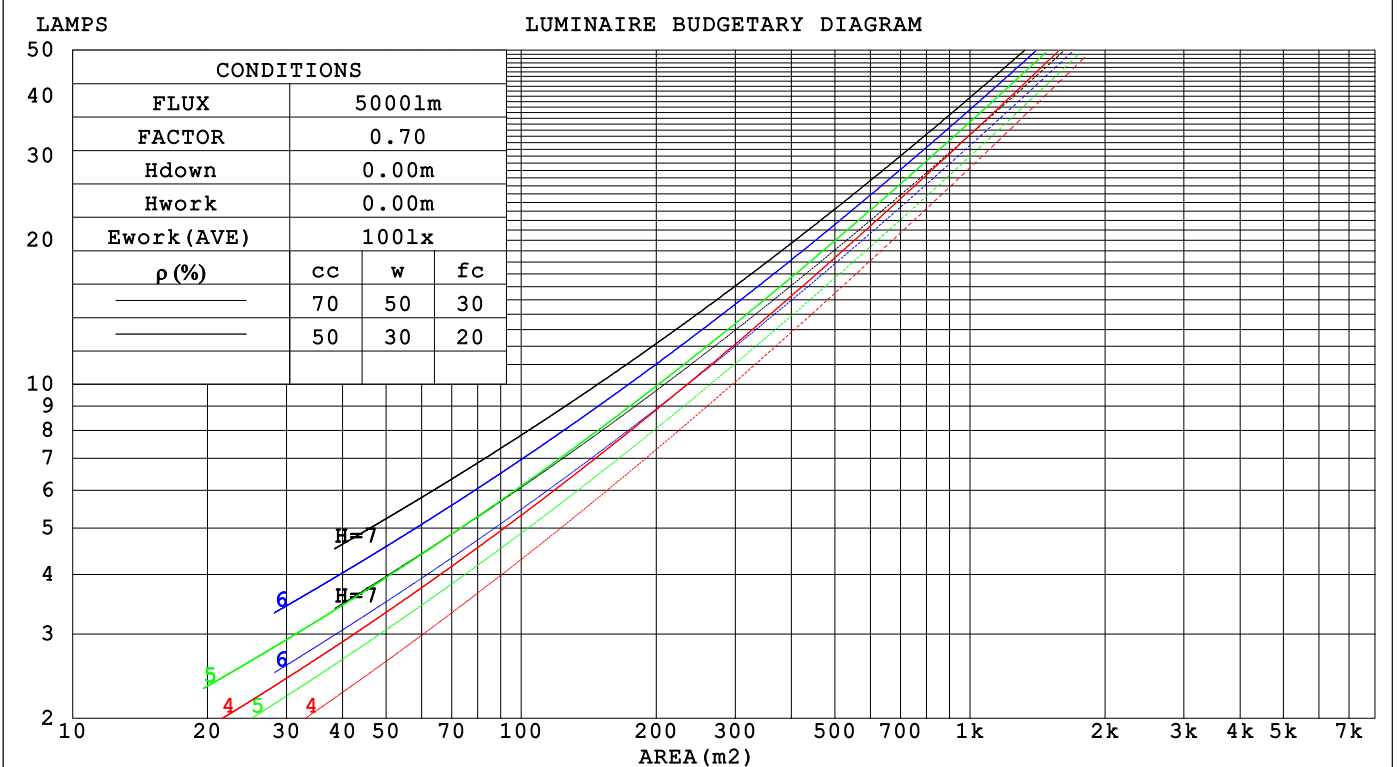
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*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	.60	.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	.29	.24	.35	.28	.23	.34	.28	.23	.21



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 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:

WEC AND CCEC

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*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	.347	.197	.062	.339	.194	.062	.326	.187	.060	.314	.181	.058	.302	.175	.056	
2.0	.318	.174	.053	.311	.172	.053	.300	.167	.052	.289	.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	.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	.165	.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																
1.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
2.0	.176	.132	.095	.151	.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	.131	.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
 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:

UGR(Unified Glare Rating) Table

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz										
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm										
NAME: 1000015976 FL-2*2-40W-TCP 6500K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.: 0.585*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	25.0	26.7	25.3	27.0	27.3	25.0	26.7	25.4	27.1	27.4
3H	27.2	28.7	27.6	29.1	29.4	27.3	28.8	27.7	29.2	29.5
4H	28.2	29.6	28.5	30.0	30.4	28.3	29.8	28.7	30.1	30.5
6H	29.0	30.4	29.5	30.8	31.2	29.2	30.6	29.7	31.0	31.4
8H	29.4	30.7	29.8	31.1	31.5	29.5	30.8	29.9	31.2	31.6
12H	29.7	31.0	30.1	31.3	31.8	29.5	30.8	29.9	31.1	31.6
4H 2H	25.8	27.3	26.2	27.6	28.0	25.8	27.3	26.2	27.7	28.0
3H	28.3	29.5	28.7	29.9	30.3	28.4	29.6	28.8	30.0	30.4
4H	29.4	30.6	29.9	31.0	31.4	29.6	30.7	30.0	31.1	31.5
6H	30.5	31.5	31.0	32.0	32.4	30.7	31.7	31.2	32.2	32.6
8H	30.9	31.8	31.4	32.3	32.7	31.0	31.9	31.4	32.4	32.8
12H	31.3	32.1	31.7	32.6	33.1	31.0	31.9	31.5	32.4	32.8
8H 4H	30.0	31.0	30.5	31.4	31.9	30.1	31.1	30.6	31.5	32.0
6H	31.3	32.1	31.8	32.6	33.1	31.5	32.3	32.0	32.8	33.3
8H	31.9	32.6	32.4	33.1	33.6	31.9	32.6	32.4	33.1	33.6
12H	32.5	33.1	33.0	33.6	34.1	31.9	32.6	32.4	33.1	33.6
12H 4H	30.1	31.0	30.6	31.5	31.9	30.2	31.1	30.7	31.6	32.0
6H	31.6	32.3	32.1	32.7	33.3	31.7	32.4	32.2	32.9	33.4
8H	32.3	32.9	32.8	33.4	33.9	32.1	32.8	32.6	33.3	33.8
CIE190: 2010										

CIE190: 2010
Area: 0.035 m2

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
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:

UTILIZATION FACTORS TABLE

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:

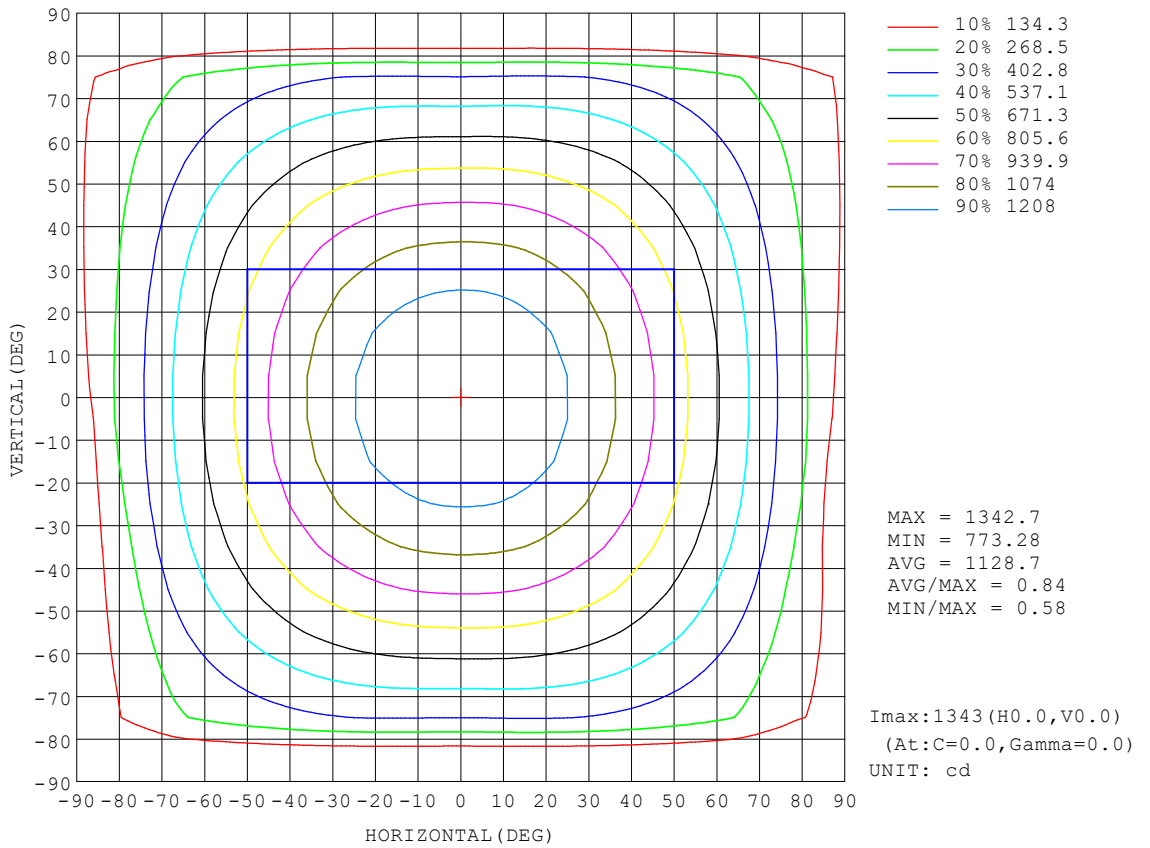
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	55	43	36	54	43	35	53	42	35	29
0.80	65	52	45	64	52	45	62	51	44	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	80	90	84	79	70
3.00	100	93	86	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
 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:

ISOCANDELA DIAGRAM

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:

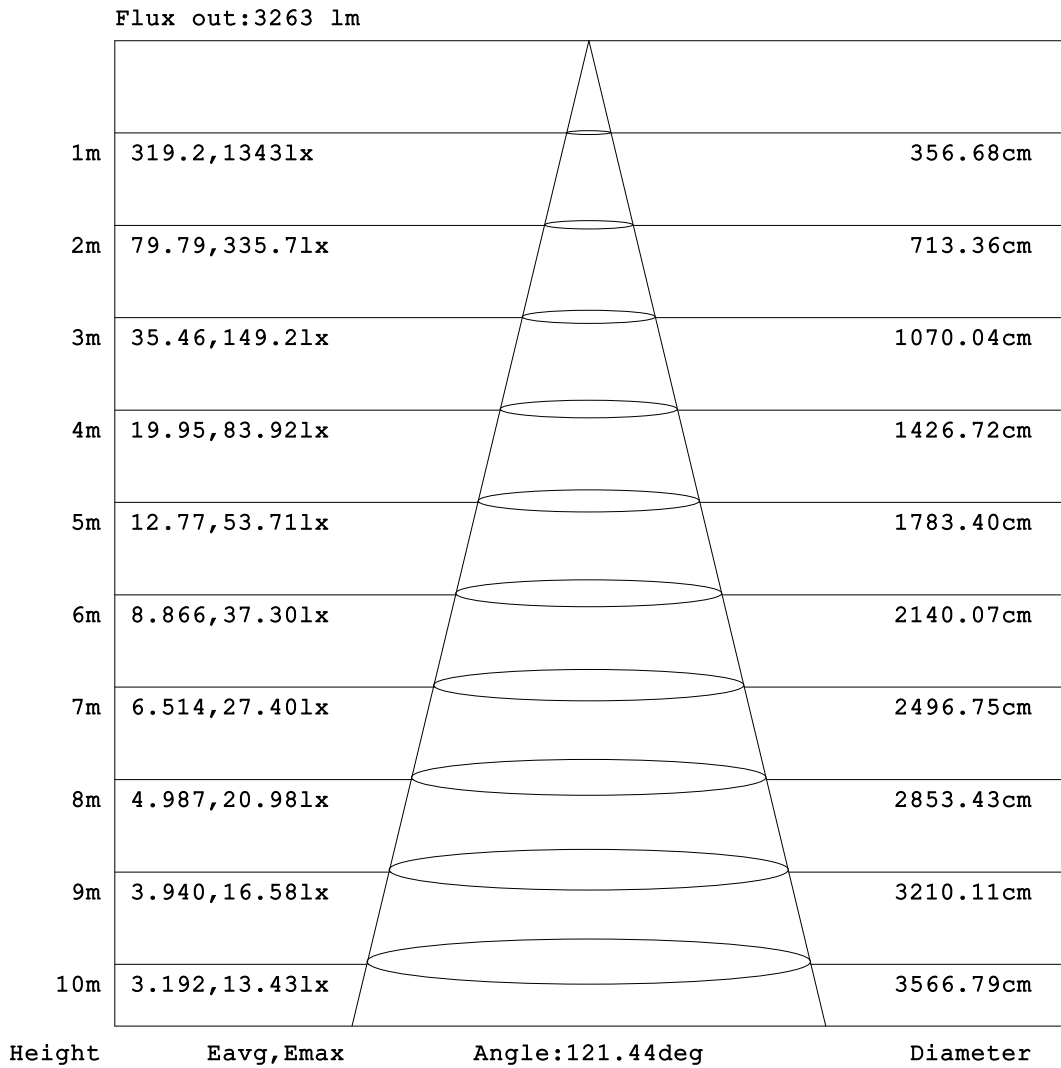


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

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:

AAI Figure

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:



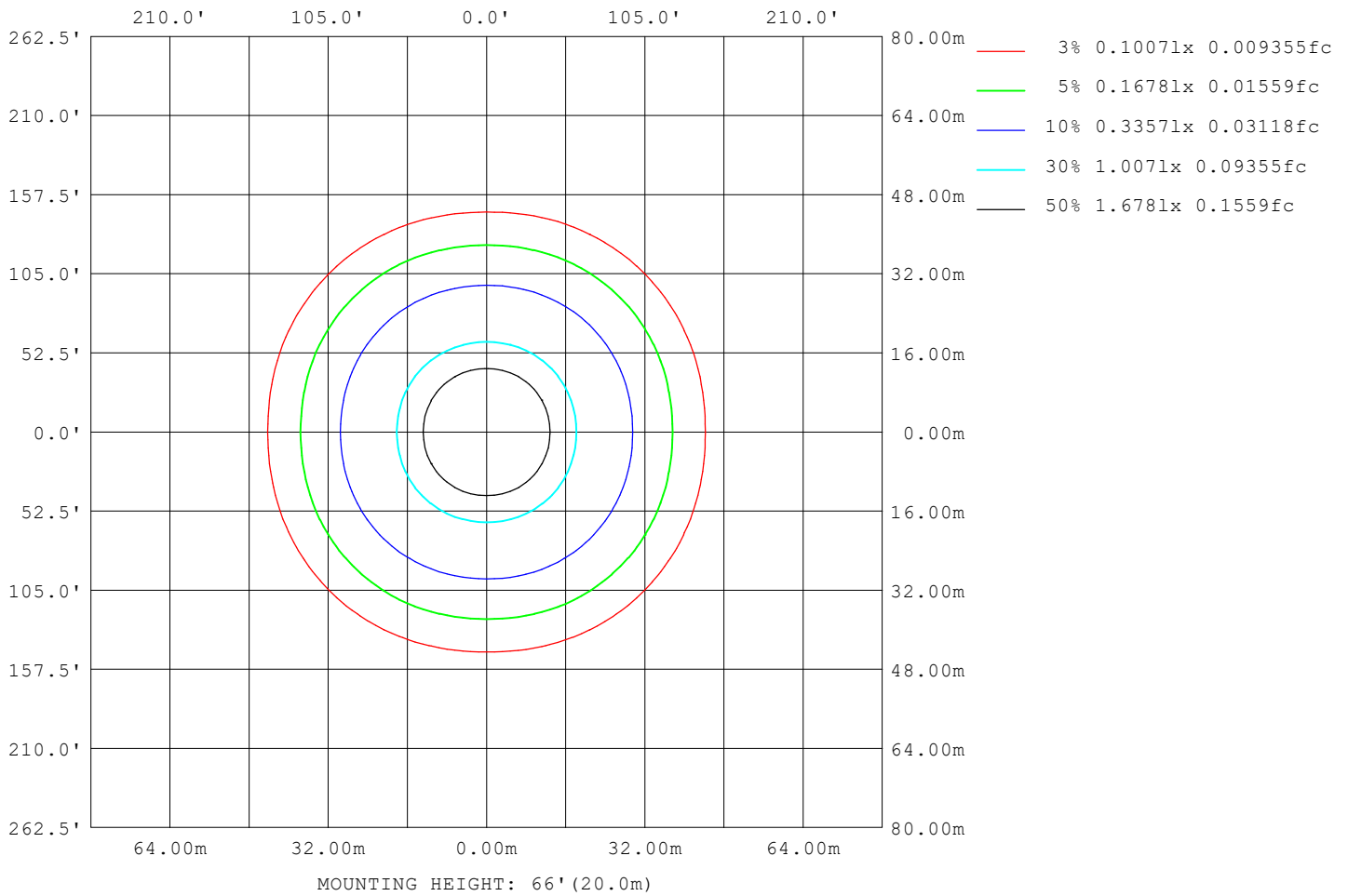
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 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:

ISOLUX DIAGRAM

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 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:

LED Avg.L Report

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:

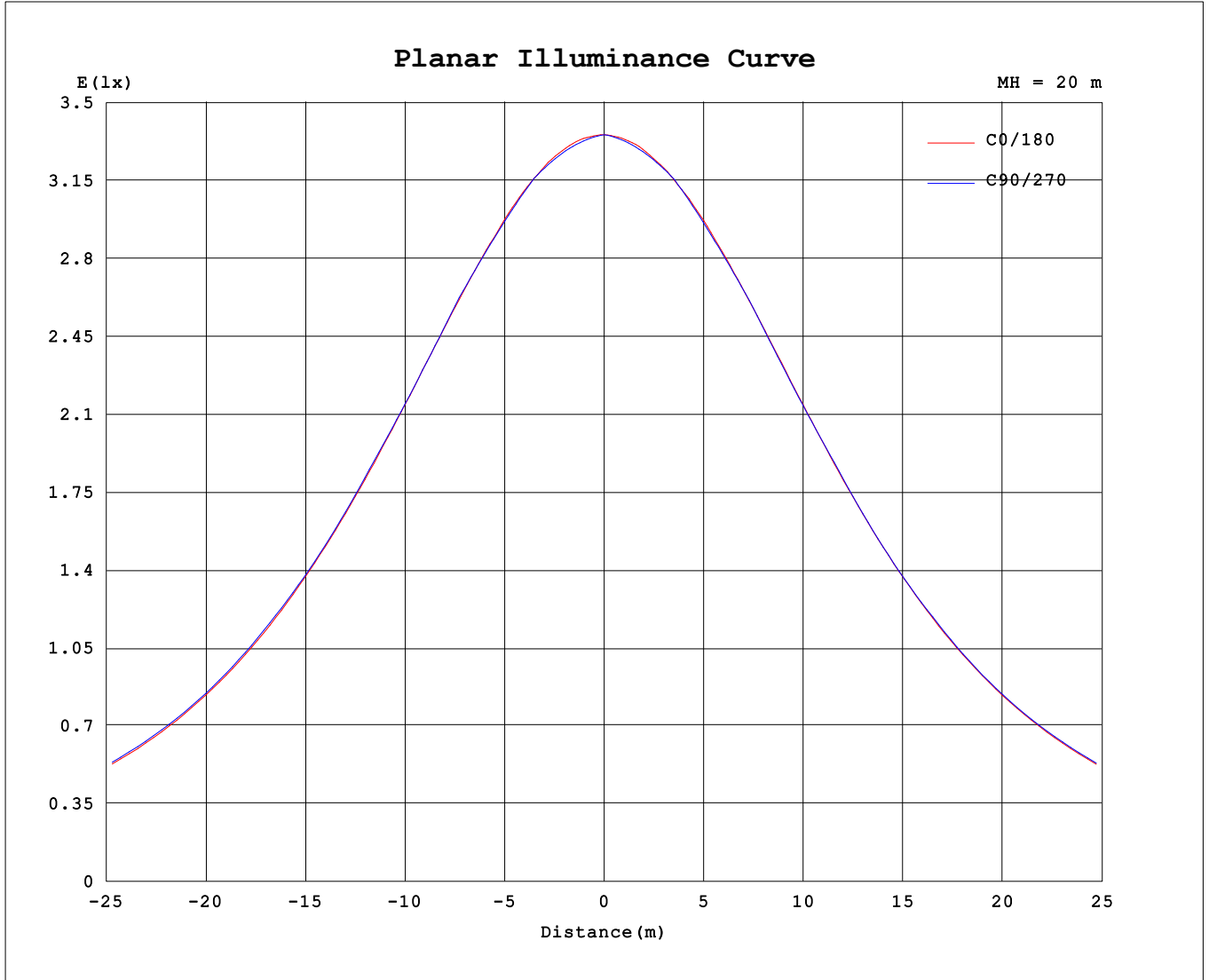
AvgL	cd/m2
L_0~180 (65) av	39809
L_0~180 (75) av	42881
L_0~180 (85) av	68289
L_90~270 (65) av	40498
L_90~270 (75) av	44667
L_90~270 (85) av	0
L_45 (65) av	42470
L_45 (75) av	48273
L_45 (85) av	39809

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 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:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
5	1338	1338	1337	1336	1336	1335	1335	1335	1334	1334	1334	1334	1334	1333	1333	1333	1333	1333	1333
10	1323	1322	1321	1320	1320	1320	1320	1321	1321	1321	1322	1323	1324	1323	1323	1324	1324	1324	1323
15	1296	1295	1295	1295	1296	1297	1299	1301	1303	1302	1300	1299	1298	1297	1297	1295	1295	1295	1294
20	1261	1259	1259	1260	1262	1265	1267	1266	1266	1265	1265	1265	1266	1266	1265	1266	1265	1265	1265
25	1215	1213	1213	1216	1219	1221	1220	1221	1223	1225	1227	1225	1223	1222	1220	1218	1217	1216	1215
30	1159	1157	1159	1163	1165	1165	1167	1171	1175	1173	1172	1171	1170	1170	1169	1168	1168	1167	1165
35	1096	1094	1096	1102	1101	1103	1108	1110	1111	1112	1113	1115	1113	1110	1108	1105	1103	1102	1101
40	1026	1024	1028	1030	1033	1038	1039	1041	1045	1048	1046	1044	1044	1043	1041	1039	1038	1036	1036
45	949	948	954	954	960	962	965	971	972	972	973	973	972	970	967	964	961	959	958
50	866	865	870	873	878	882	888	889	893	897	895	893	892	891	889	886	883	880	880
55	778	779	782	788	792	799	802	807	809	811	812	813	811	807	803	799	794	791	790
60	685	687	690	696	704	707	714	717	722	725	724	722	721	718	714	710	705	701	700
65	589	592	596	603	608	615	620	626	628	630	632	632	629	624	619	613	607	602	600
70	489	491	496	503	511	519	524	529	533	534	535	534	531	527	522	516	509	504	501
75	388	390	397	404	412	419	425	431	434	436	438	438	436	432	427	420	413	406	404
80	291	283	276	295	314	326	333	339	343	345	346	345	342	338	333	325	317	309	306
85	210	153	165	186	217	244	249	197	155	121	92.0	68.3	48.7	33.0	20.5	11.2	4.82	1.17	0.00
90	41.7	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
 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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*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	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
5	1333	1332	1332	1332	1332	1332	1332	1332	1332	1332	1333	1333	1333	1334	1335	1335	1336	1337	1336
10	1323	1323	1323	1322	1321	1321	1319	1318	1318	1318	1317	1317	1317	1317	1317	1318	1318	1320	1318
15	1294	1294	1294	1294	1294	1295	1296	1297	1298	1299	1297	1295	1293	1292	1292	1292	1293	1295	1293
20	1265	1264	1264	1263	1263	1263	1262	1262	1261	1261	1262	1264	1261	1258	1257	1256	1256	1258	1255
25	1215	1216	1216	1217	1219	1220	1222	1223	1221	1219	1217	1217	1217	1215	1211	1210	1210	1212	1209
30	1166	1166	1166	1166	1166	1166	1167	1167	1169	1171	1167	1163	1161	1161	1158	1155	1154	1156	1154
35	1101	1101	1103	1104	1106	1108	1110	1109	1108	1107	1107	1106	1100	1097	1096	1092	1091	1094	1091
40	1035	1036	1037	1038	1039	1040	1041	1042	1043	1041	1038	1036	1035	1029	1026	1024	1021	1024	1021
45	957	958	961	964	967	969	970	969	968	967	967	961	959	957	950	949	945	946	944
50	879	880	883	885	887	888	889	891	893	889	885	884	879	875	870	866	863	864	862
55	789	792	795	799	802	805	807	807	807	806	804	798	795	789	787	779	776	777	775
60	700	702	706	710	713	716	718	719	720	717	713	711	704	700	693	688	684	685	684
65	601	605	610	616	620	624	627	628	626	624	622	617	612	605	599	595	589	589	589
70	503	507	513	519	524	528	530	531	531	530	526	521	516	509	501	494	489	490	490
75	406	411	418	424	430	433	435	435	434	432	429	425	418	411	402	393	390	389	392
80	308	315	323	330	336	340	343	344	344	341	337	330	324	311	280	256	259	293	297
85	1.17	4.79	11.1	20.3	32.7	48.5	68.0	91.6	120	154	195	247	244	218	186	159	139	206	217
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	43.5	0.00

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:

Table--3

UNIT: cd

γ (DEG) \ C (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
5	1335	1334	1334	1333	1333	1332	1332	1332	1332	1332	1331	1331	1331	1331	1332	1332	1332	1332	1332
10	1317	1316	1316	1316	1316	1316	1316	1316	1317	1318	1319	1320	1320	1321	1321	1321	1321	1321	1321
15	1291	1291	1291	1291	1292	1293	1293	1294	1293	1293	1292	1291	1291	1291	1290	1290	1290	1290	1291
20	1254	1254	1255	1257	1259	1258	1257	1257	1257	1258	1258	1259	1258	1259	1259	1259	1259	1260	1260
25	1208	1209	1212	1213	1212	1213	1214	1217	1219	1218	1215	1214	1212	1211	1210	1209	1210	1210	1211
30	1153	1156	1159	1158	1159	1163	1166	1164	1163	1162	1162	1161	1160	1160	1159	1159	1160	1160	1161
35	1091	1095	1095	1097	1102	1103	1102	1103	1105	1106	1103	1101	1099	1096	1095	1094	1094	1095	1097
40	1023	1025	1027	1033	1033	1034	1037	1039	1038	1036	1035	1034	1032	1030	1029	1029	1029	1030	1032
45	949	949	955	957	959	964	964	965	966	966	964	961	958	955	952	951	951	952	954
50	866	869	874	877	883	884	887	891	889	886	884	882	880	877	874	873	873	874	877
55	779	786	788	795	798	803	804	805	806	805	803	799	795	791	787	784	783	786	789
60	689	694	701	706	712	714	717	719	718	716	714	711	707	703	699	695	694	697	700
65	596	601	608	615	619	623	625	627	627	627	623	619	614	609	604	599	598	601	605
70	497	504	512	520	524	529	532	533	533	532	529	525	520	514	508	503	501	505	510
75	399	408	416	423	429	434	437	438	439	439	436	432	427	420	413	408	406	409	415
80	306	315	324	331	337	343	347	349	349	348	345	340	334	327	319	312	310	313	321
85	224	230	239	251	253	200	157	122	93.4	69.3	49.3	33.2	20.6	11.2	4.86	1.18	0.00	1.19	4.88
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.40V I:0.3115A P:37.392W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4399.78x1 lm		
NAME: 1000015976 FL-2*2-40W-TCP 6500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.585*0.585	Shielding Angle:

Table--4

UNIT: cd

γ (DEG)\C (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355					
	0	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343				
5	1332	1332	1332	1332	1333	1333	1333	1334	1334	1334	1335	1335	1336	1337	1337					
10	1321	1321	1321	1320	1320	1319	1319	1319	1319	1319	1319	1319	1319	1320	1322					
15	1291	1292	1293	1293	1295	1296	1298	1299	1298	1296	1295	1294	1294	1294	1295					
20	1260	1260	1261	1260	1260	1261	1261	1261	1262	1263	1262	1259	1258	1258	1259					
25	1212	1214	1216	1218	1221	1222	1219	1218	1217	1217	1217	1216	1214	1212	1213					
30	1162	1162	1164	1165	1166	1166	1168	1169	1166	1163	1162	1163	1160	1157	1156					
35	1099	1102	1104	1107	1110	1109	1107	1106	1106	1105	1100	1099	1099	1095	1094					
40	1034	1036	1037	1038	1040	1041	1043	1041	1037	1036	1035	1030	1028	1027	1023					
45	958	961	964	968	969	968	968	968	968	962	959	957	952	952	947					
50	880	883	886	887	890	891	893	890	887	886	880	876	872	869	865					
55	794	798	803	806	809	809	808	807	805	800	798	791	787	781	778					
60	705	710	714	717	719	721	723	721	716	714	707	704	695	690	687					
65	611	617	622	626	630	630	630	628	627	621	616	609	604	596	592					
70	517	523	528	532	534	536	535	534	530	526	522	513	505	497	491					
75	423	429	435	439	441	441	441	438	435	430	424	417	408	399	391					
80	329	336	342	347	350	351	351	349	345	339	332	324	315	305	296					
85	11.3	20.8	33.4	49.6	69.6	93.8	123	158	201	255	253	239	232	223	216					
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
 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:

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	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
2.5	1341	1341	1341	1340	1340	1339	1339	1339	1339	1338
5.0	1338	1338	1337	1336	1336	1335	1335	1335	1334	1334
7.5	1332	1331	1331	1330	1329	1329	1329	1329	1329	1329
10.0	1323	1322	1321	1320	1320	1320	1320	1321	1321	1321
12.5	1312	1311	1310	1309	1309	1310	1311	1312	1312	1314
15.0	1296	1295	1295	1295	1296	1297	1299	1301	1303	1302
17.5	1281	1279	1278	1278	1279	1280	1282	1285	1287	1284
20.0	1261	1259	1259	1260	1262	1265	1267	1266	1266	1265
22.5	1239	1237	1237	1238	1241	1245	1245	1244	1245	1245
25.0	1215	1213	1213	1216	1219	1221	1220	1221	1223	1225
27.5	1188	1186	1187	1190	1195	1194	1194	1197	1200	1203
30.0	1159	1157	1159	1163	1165	1165	1167	1171	1175	1173
32.5	1128	1126	1128	1133	1133	1135	1138	1144	1143	1143
35.0	1096	1094	1096	1102	1101	1103	1108	1110	1111	1112
37.5	1062	1060	1063	1067	1067	1071	1075	1076	1078	1081
40.0	1026	1024	1028	1030	1033	1038	1039	1041	1045	1048
42.5	987.5	986.8	991.6	992.7	996.0	1001	1002	1006	1012	1010
45.0	948.6	947.6	953.6	954.2	959.6	961.6	965.3	971.2	971.7	972.0
47.5	907.9	907.3	912.7	914.0	920.4	922.5	927.4	930.5	931.9	934.9
50.0	866.1	865.4	870.1	873.1	878.5	882.3	888.3	889.2	893.2	897.3
52.5	822.3	822.4	826.3	831.7	835.0	842.1	844.8	847.8	854.0	854.1
55.0	778.2	778.7	781.9	787.9	792.4	798.9	801.6	807.1	809.4	811.0
57.5	731.9	732.8	736.5	742.2	748.6	753.2	758.3	762.5	765.4	768.7
60.0	684.9	687.0	690.2	695.6	704.1	707.4	713.6	717.2	722.0	725.2
62.5	637.5	640.3	643.7	649.3	655.6	662.3	666.6	671.8	677.0	677.6
65.0	589.1	591.8	596.0	602.8	607.8	614.7	620.2	625.9	628.1	630.3
67.5	539.4	541.5	545.7	553.7	560.6	566.4	574.1	577.0	580.6	583.7
70.0	488.9	490.9	496.0	503.3	510.7	519.3	523.6	528.7	533.0	534.5
72.5	438.6	440.1	447.2	454.3	461.4	468.9	473.9	480.4	482.9	485.1
75.0	388.1	389.9	396.8	404.3	412.2	419.2	425.2	431.1	434.2	436.2
77.5	338.6	340.6	346.3	356.3	363.6	371.5	377.9	383.0	386.8	389.9
80.0	291.4	283.4	275.8	295.0	313.8	325.8	332.8	338.9	342.6	345.1
82.5	248.5	202.5	208.6	233.0	258.1	283.4	291.7	296.7	299.5	300.9
85.0	210.3	153.0	164.8	186.4	217.3	244.1	248.8	196.7	154.7	120.5
87.5	129.7	129.3	137.2	146.6	88.71	41.59	0	0	0	0
90.0	41.73	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	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
2.5	1338	1338	1338	1338	1338	1338	1338	1338	1338	1338
5.0	1334	1334	1334	1333	1333	1333	1333	1333	1333	1333
7.5	1329	1328	1328	1329	1329	1329	1329	1329	1328	1328
10.0	1322	1323	1324	1323	1323	1324	1324	1324	1323	1323
12.5	1316	1315	1314	1313	1311	1310	1310	1310	1309	1308
15.0	1300	1299	1298	1297	1297	1295	1295	1295	1294	1294
17.5	1283	1283	1282	1281	1281	1280	1280	1280	1280	1280
20.0	1265	1265	1266	1266	1265	1266	1265	1265	1265	1265
22.5	1246	1248	1248	1247	1245	1243	1241	1241	1240	1240
25.0	1227	1225	1223	1222	1220	1218	1217	1216	1215	1215
27.5	1201	1198	1197	1195	1194	1193	1192	1192	1190	1191
30.0	1172	1171	1170	1170	1169	1168	1168	1167	1165	1166
32.5	1143	1143	1144	1143	1141	1138	1136	1134	1133	1133
35.0	1113	1115	1113	1110	1108	1105	1103	1102	1101	1101
37.5	1083	1080	1078	1076	1075	1072	1071	1069	1068	1068
40.0	1046	1044	1044	1043	1041	1039	1038	1036	1036	1035
42.5	1009	1009	1009	1009	1006	1003	999.8	997.6	996.9	996.3
45.0	972.8	973.4	972.3	969.6	967.1	964.0	961.0	958.5	957.8	957.0
47.5	936.7	934.1	932.2	930.3	927.7	925.3	922.2	919.5	918.6	917.8
50.0	894.9	893.4	892.3	890.7	888.5	886.5	883.2	880.4	879.5	878.7
52.5	853.6	852.8	852.6	851.4	847.9	844.1	839.2	835.7	834.5	834.2
55.0	812.2	810.8	810.8	807.1	803.1	799.2	794.3	790.8	789.5	789.3
57.5	770.5	767.8	765.7	762.6	758.4	754.5	749.6	745.8	744.5	744.5
60.0	723.7	722.3	720.7	717.9	713.8	710.1	704.9	700.9	699.5	699.7
62.5	677.5	677.1	676.1	673.0	667.7	662.5	656.4	651.6	649.9	650.6
65.0	631.7	631.6	628.9	624.5	619.0	613.4	607.3	602.2	600.2	601.3
67.5	584.0	582.7	580.0	575.9	570.4	564.5	558.1	552.9	550.6	552.0
70.0	534.9	533.8	531.5	527.3	521.8	515.8	509.0	503.5	501.0	502.7
72.5	486.2	485.3	483.1	479.2	474.0	467.9	460.9	455.0	452.2	454.1
75.0	438.3	438.0	435.9	432.3	426.8	420.3	412.9	406.5	403.5	405.5
77.5	392.0	391.3	388.9	385.3	379.6	372.8	365.0	358.0	354.8	357.0
80.0	346.2	344.9	342.0	338.4	332.5	325.2	317.0	309.5	306.1	308.4
82.5	289.0	257.7	231.2	209.7	191.2	176.1	164.3	156.2	153.1	155.6
85.0	92.04	68.35	48.74	32.99	20.51	11.19	4.824	1.174	0	1.170

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 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:

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	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
2.5	1337	1337	1337	1337	1337	1337	1337	1338	1338	1338
5.0	1332	1332	1332	1332	1332	1332	1332	1332	1332	1333
7.5	1327	1328	1328	1327	1327	1326	1326	1326	1325	1325
10.0	1323	1323	1322	1321	1321	1319	1318	1318	1318	1317
12.5	1309	1309	1309	1310	1310	1311	1312	1310	1309	1308
15.0	1294	1294	1294	1294	1295	1296	1297	1298	1299	1297
17.5	1279	1279	1278	1279	1279	1280	1280	1280	1281	1282
20.0	1264	1264	1263	1263	1263	1262	1262	1261	1261	1262
22.5	1241	1241	1243	1245	1245	1245	1243	1242	1241	1240
25.0	1216	1216	1217	1219	1220	1222	1223	1221	1219	1217
27.5	1191	1191	1192	1192	1194	1195	1196	1199	1196	1193
30.0	1166	1166	1166	1166	1166	1167	1167	1169	1171	1167
32.5	1134	1135	1138	1140	1139	1139	1139	1139	1139	1141
35.0	1101	1103	1104	1106	1108	1110	1109	1108	1107	1107
37.5	1069	1070	1071	1073	1075	1076	1078	1076	1074	1072
40.0	1036	1037	1038	1039	1040	1041	1042	1043	1041	1038
42.5	997.7	1000	1003	1005	1005	1005	1005	1005	1006	1002
45.0	958.4	961.1	964.1	966.6	968.8	969.9	968.7	967.5	967.4	966.9
47.5	919.2	922.2	924.5	926.7	928.4	930.0	932.7	930.7	928.2	926.2
50.0	880.0	882.8	884.8	886.8	888.2	889.3	890.8	893.4	889.4	885.5
52.5	836.2	839.9	843.5	847.0	847.9	848.2	848.8	849.8	850.5	844.5
55.0	791.7	795.1	798.8	802.4	805.4	807.4	807.1	806.7	805.9	804.3
57.5	747.1	750.6	754.3	757.6	760.4	762.9	765.6	763.9	761.1	759.0
60.0	702.4	706.2	709.8	713.1	716.1	717.6	719.0	720.2	717.2	712.9
62.5	654.0	658.9	663.9	668.6	671.6	672.5	673.2	673.0	671.7	668.0
65.0	605.1	610.3	615.7	620.4	624.3	627.1	627.8	626.3	623.9	622.2
67.5	556.1	561.7	567.2	572.3	575.8	578.4	580.3	580.2	576.8	573.4
70.0	507.2	513.3	518.9	524.2	527.6	529.9	531.2	531.1	530.5	526.1
72.5	459.0	465.5	471.2	476.5	479.4	481.8	482.7	482.2	480.9	478.2
75.0	411.0	418.0	424.1	429.5	432.7	434.8	435.1	433.9	432.2	428.9
77.5	363.0	370.4	377.0	382.7	386.4	388.8	389.5	388.2	385.1	380.9
80.0	315.1	322.8	329.9	335.9	340.2	343.1	344.2	343.6	341.2	336.8
82.5	163.3	174.8	189.7	208.0	230.2	256.5	287.7	299.4	298.1	294.8
85.0	4.793	11.10	20.35	32.73	48.54	68.02	91.63	119.9	154.0	195.4
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	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
2.5	1338	1338	1339	1339	1339	1340	1340	1340	1339	1339
5.0	1333	1333	1334	1335	1335	1336	1337	1336	1335	1334
7.5	1325	1325	1325	1325	1327	1327	1328	1327	1326	1326
10.0	1317	1317	1317	1317	1318	1318	1320	1318	1317	1316
12.5	1307	1306	1306	1306	1306	1307	1309	1307	1306	1305
15.0	1295	1293	1292	1292	1292	1293	1295	1293	1291	1291
17.5	1280	1278	1276	1276	1275	1276	1278	1275	1274	1274
20.0	1264	1261	1258	1257	1256	1256	1258	1255	1254	1254
22.5	1241	1242	1238	1235	1234	1234	1237	1234	1233	1233
25.0	1217	1217	1215	1211	1210	1210	1212	1209	1208	1209
27.5	1190	1189	1190	1185	1183	1183	1186	1183	1182	1184
30.0	1163	1161	1161	1158	1155	1154	1156	1154	1153	1156
32.5	1135	1131	1129	1129	1125	1124	1126	1123	1123	1127
35.0	1106	1100	1097	1096	1092	1091	1094	1091	1091	1095
37.5	1072	1068	1063	1063	1059	1057	1060	1057	1058	1061
40.0	1036	1035	1029	1026	1024	1021	1024	1021	1023	1025
42.5	998.7	998.3	993.7	989.0	987.5	983.8	986.2	983.1	986.0	987.3
45.0	961.5	958.8	956.8	950.1	949.4	944.5	946.2	943.9	948.5	948.8
47.5	923.3	918.8	918.1	911.0	908.7	904.4	906.2	903.7	907.4	909.7
50.0	883.9	878.6	875.5	870.5	866.2	862.6	864.2	862.1	865.7	869.2
52.5	840.7	837.6	832.1	829.6	823.0	819.5	821.3	819.3	822.3	828.0
55.0	797.6	794.8	788.8	786.8	779.1	775.7	777.0	775.5	778.9	786.1
57.5	755.0	749.4	744.5	740.0	733.9	730.2	731.1	730.2	733.9	740.4
60.0	711.1	704.1	699.7	692.9	688.1	684.0	684.7	684.0	688.5	693.9
62.5	663.5	659.9	652.2	646.2	642.0	637.2	636.9	637.1	642.6	647.6
65.0	616.6	612.2	605.4	599.0	594.8	588.7	588.6	589.1	596.1	601.5
67.5	570.2	563.4	559.1	550.2	544.2	539.2	539.5	539.6	546.0	553.1
70.0	520.8	515.6	508.8	501.1	494.2	488.9	489.7	490.0	496.6	504.5
72.5	472.7	466.4	459.6	453.5	444.9	439.1	439.5	440.6	448.1	457.5
75.0	424.7	418.4	410.9	402.5	393.1	390.1	388.8	392.1	399.1	408.1
77.5	376.4	370.6	362.2	343.4	327.8	336.2	340.2	343.9	352.3	361.0

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 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:

Photometric Data Table [cd]

80.0	330.2	324.0	310.7	280.0	256.2	259.5	292.6	296.5	305.8	314.8
82.5	289.7	281.8	257.7	227.1	198.8	188.8	248.5	253.5	262.6	272.2
85.0	247.3	243.5	218.4	186.0	159.2	138.9	206.4	216.5	223.6	230.0
87.5	0	41.55	89.40	145.1	131.9	119.6	104.8	166.5	162.9	157.1
90.0	0	0	0	0	0	0	43.51	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	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
2.5	1339	1338	1338	1338	1337	1337	1337	1337	1337	1337
5.0	1334	1333	1333	1332	1332	1332	1332	1332	1331	1331
7.5	1325	1325	1324	1324	1325	1325	1325	1325	1326	1326
10.0	1316	1316	1316	1316	1316	1316	1317	1318	1319	1320
12.5	1304	1304	1304	1305	1306	1308	1309	1309	1308	1308
15.0	1291	1291	1292	1293	1295	1294	1293	1293	1292	1291
17.5	1274	1275	1277	1279	1277	1276	1276	1275	1275	1275
20.0	1255	1257	1259	1258	1257	1257	1257	1258	1258	1259
22.5	1235	1238	1237	1236	1237	1237	1239	1240	1241	1240
25.0	1212	1213	1212	1213	1214	1217	1219	1218	1215	1214
27.5	1187	1186	1186	1189	1191	1194	1192	1191	1189	1187
30.0	1159	1158	1159	1163	1166	1164	1163	1162	1162	1161
32.5	1127	1128	1131	1136	1134	1134	1134	1134	1135	1135
35.0	1095	1097	1102	1103	1102	1103	1105	1106	1103	1101
37.5	1061	1065	1069	1069	1070	1072	1074	1072	1069	1068
40.0	1027	1033	1033	1034	1037	1039	1038	1036	1035	1034
42.5	991.3	995.6	996.2	999.1	1002	1002	1001	1001	1001	1000
45.0	954.8	956.8	959.0	964.0	963.7	964.9	966.0	966.1	964.2	961.3
47.5	916.7	917.0	921.4	924.1	925.4	927.7	930.4	927.3	924.0	921.8
50.0	874.3	877.4	882.5	883.6	886.5	890.7	888.7	886.3	884.2	882.4
52.5	831.4	837.2	839.6	843.4	847.9	847.7	846.7	846.0	844.4	842.7
55.0	788.4	794.5	797.8	802.9	804.1	804.8	805.8	805.5	802.7	798.8
57.5	745.1	750.1	755.4	758.9	760.5	762.5	763.7	761.1	758.4	754.6
60.0	701.2	705.5	712.1	714.0	717.1	719.2	717.9	716.1	713.9	710.6
62.5	654.1	661.8	665.2	669.0	672.5	672.6	672.6	671.5	669.6	666.5
65.0	607.7	614.6	619.1	623.4	625.2	626.6	627.4	626.8	623.3	619.2
67.5	562.3	566.7	573.1	575.7	578.9	581.2	580.9	579.1	576.1	572.2
70.0	512.3	519.8	524.5	528.6	532.3	533.4	533.1	531.7	529.1	525.1
72.5	464.1	471.0	476.9	481.6	484.1	485.6	485.5	484.6	482.1	478.2
75.0	416.3	423.3	429.5	433.5	436.6	438.4	438.9	438.5	436.1	432.1
77.5	369.1	376.5	382.1	386.8	390.5	393.2	394.0	393.2	390.4	386.1
80.0	323.6	330.6	336.8	342.8	346.9	348.9	349.5	348.1	344.8	340.1
82.5	280.2	288.7	295.9	300.8	303.9	305.2	293.3	261.2	233.8	211.0
85.0	239.0	250.6	252.9	199.8	157.3	122.3	93.44	69.27	49.31	33.20
87.5	96.12	42.92	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
2.5	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337
5.0	1331	1331	1332	1332	1332	1332	1332	1332	1332	1332
7.5	1326	1326	1326	1326	1326	1327	1326	1326	1326	1327
10.0	1320	1321	1321	1321	1321	1321	1321	1321	1321	1321
12.5	1307	1306	1306	1306	1306	1306	1306	1307	1308	1309
15.0	1291	1291	1290	1290	1290	1290	1291	1291	1292	1293
17.5	1275	1275	1275	1275	1275	1275	1276	1276	1276	1276
20.0	1258	1259	1259	1259	1259	1260	1260	1260	1260	1261
22.5	1237	1236	1235	1234	1235	1235	1236	1237	1239	1242
25.0	1212	1211	1210	1209	1210	1210	1211	1212	1214	1216
27.5	1186	1185	1184	1184	1185	1185	1186	1187	1188	1190
30.0	1160	1160	1159	1159	1160	1160	1161	1162	1162	1164
32.5	1132	1129	1128	1127	1127	1128	1130	1132	1134	1138
35.0	1099	1096	1095	1094	1094	1095	1097	1099	1102	1104
37.5	1065	1063	1062	1062	1062	1062	1064	1066	1069	1071
40.0	1032	1030	1029	1029	1029	1030	1032	1034	1036	1037
42.5	997.3	994.0	991.4	990.1	989.8	990.7	993.5	997.0	1000	1003
45.0	958.2	954.9	952.3	951.0	950.8	951.8	954.4	957.9	960.6	964.5
47.5	919.0	915.7	913.3	911.9	911.7	912.9	915.5	918.9	922.1	924.8
50.0	879.8	876.7	874.4	872.7	872.7	874.2	876.7	879.7	883.2	885.6
52.5	839.1	834.8	831.2	828.5	828.1	830.1	833.5	837.6	842.3	846.5
55.0	794.8	790.7	786.9	784.0	783.4	785.7	789.1	793.6	798.0	802.5
57.5	750.6	746.7	742.8	739.6	738.8	741.2	744.7	749.4	754.0	757.9
60.0	706.7	702.8	698.7	695.2	694.2	696.8	700.3	705.1	709.9	713.7
62.5	661.6	656.3	651.4	647.3	646.0	648.8	652.9	658.8	664.3	669.8
65.0	614.3	608.7	603.5	599.3	597.8	600.7	605.2	611.4	616.9	622.4
67.5	567.1	561.3	555.6	551.3	549.7	552.6	557.5	564.0	569.9	575.2
70.0	520.0	514.1	507.7	503.3	501.5	504.5	509.8	516.6	522.9	528.0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
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:

Photometric Data Table [cd]

72.5	473.2	467.1	460.5	455.5	453.6	456.7	462.5	469.5	476.0	481.1
75.0	426.7	420.3	413.3	407.8	405.7	408.9	415.2	422.6	429.3	434.7
77.5	380.2	373.4	366.2	360.1	357.8	361.1	368.0	375.6	382.7	388.4
80.0	333.7	326.6	319.1	312.4	309.9	313.3	320.7	328.7	336.1	342.2
82.5	192.1	176.9	165.4	157.6	155.0	158.1	166.3	178.1	193.5	212.4
85.0	20.60	11.24	4.856	1.185	0	1.188	4.881	11.32	20.76	33.42
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	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343
2.5	1337	1338	1338	1338	1338	1338	1339	1339	1340	1340
5.0	1332	1333	1333	1333	1334	1334	1334	1335	1335	1336
7.5	1327	1327	1327	1327	1327	1327	1327	1327	1328	1329
10.0	1320	1320	1319	1319	1319	1319	1319	1319	1319	1319
12.5	1310	1311	1311	1311	1309	1309	1308	1308	1308	1308
15.0	1293	1295	1296	1298	1299	1298	1296	1295	1294	1294
17.5	1278	1278	1279	1280	1281	1283	1281	1279	1278	1277
20.0	1260	1260	1261	1261	1261	1262	1263	1262	1259	1258
22.5	1243	1242	1242	1241	1240	1240	1241	1242	1239	1237
25.0	1218	1221	1222	1219	1218	1217	1217	1217	1216	1214
27.5	1192	1193	1195	1197	1195	1192	1190	1190	1192	1188
30.0	1165	1166	1166	1168	1169	1166	1163	1162	1163	1160
32.5	1138	1137	1138	1138	1138	1139	1135	1132	1130	1131
35.0	1107	1110	1109	1107	1106	1106	1105	1100	1099	1099
37.5	1073	1075	1078	1076	1074	1072	1071	1069	1065	1065
40.0	1038	1040	1041	1043	1041	1037	1036	1035	1030	1028
42.5	1004	1005	1005	1006	1007	1003	999.2	998.1	993.7	990.4
45.0	967.5	968.8	968.1	968.0	967.9	967.9	962.3	959.1	956.7	951.9
47.5	927.4	929.9	932.8	930.9	928.6	927.5	925.1	919.7	918.0	912.2
50.0	887.5	889.5	891.4	893.4	889.9	886.8	886.1	880.3	876.3	871.7
52.5	847.6	849.1	850.1	850.7	851.1	846.0	843.1	840.6	833.7	830.2
55.0	806.1	809.1	808.8	808.5	807.4	805.5	800.0	797.5	791.0	787.3
57.5	761.6	764.9	767.3	766.4	763.5	761.3	757.5	752.5	748.0	741.6
60.0	716.9	719.4	721.4	722.7	720.7	716.2	713.8	707.5	704.0	695.5
62.5	672.3	674.6	675.7	676.1	675.8	671.9	666.9	662.7	656.1	649.4
65.0	626.2	629.5	630.1	629.6	627.7	626.6	621.1	616.0	608.8	603.5
67.5	578.9	581.7	583.4	583.4	580.8	577.7	575.8	568.4	562.8	554.8
70.0	531.8	534.3	535.8	535.5	533.9	530.2	526.0	521.5	513.2	505.2
72.5	484.8	487.2	488.3	487.6	485.6	482.6	477.8	472.4	465.2	456.9
75.0	438.6	440.9	441.5	440.6	438.5	435.1	430.3	423.9	417.4	408.1
77.5	392.6	395.2	396.2	395.3	392.5	388.6	383.6	377.0	369.3	361.7
80.0	346.8	349.9	351.3	350.8	348.7	344.8	338.6	332.1	323.8	315.0
82.5	235.1	262.4	294.6	306.9	305.6	302.7	297.7	290.7	281.5	272.3
85.0	49.56	69.59	93.83	123.0	158.2	201.1	254.7	252.5	238.5	231.6
87.5	0	0	0	0	0	0	0	43.25	95.45	161.7
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	1343	1343								
2.5	1340	1341								
5.0	1337	1337								
7.5	1330	1331								
10.0	1320	1322								
12.5	1309	1310								
15.0	1294	1295								
17.5	1277	1278								
20.0	1258	1259								
22.5	1236	1237								
25.0	1212	1213								
27.5	1186	1186								
30.0	1157	1156								
32.5	1127	1126								
35.0	1095	1094								
37.5	1061	1059								
40.0	1027	1023								
42.5	989.8	985.9								
45.0	952.0	947.0								
47.5	910.9	906.5								
50.0	868.9	864.8								
52.5	825.3	821.9								
55.0	780.9	778.1								
57.5	735.5	732.7								
60.0	689.6	686.7								
62.5	643.0	640.1								

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 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:

Photometric Data Table [cd]

65.0	595.9	591.6
67.5	546.3	541.6
70.0	497.2	491.2
72.5	448.7	440.9
75.0	399.4	391.2
77.5	351.1	342.5
80.0	305.2	296.1
82.5	263.1	253.6
85.0	223.2	216.4
87.5	170.4	170.3
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
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: