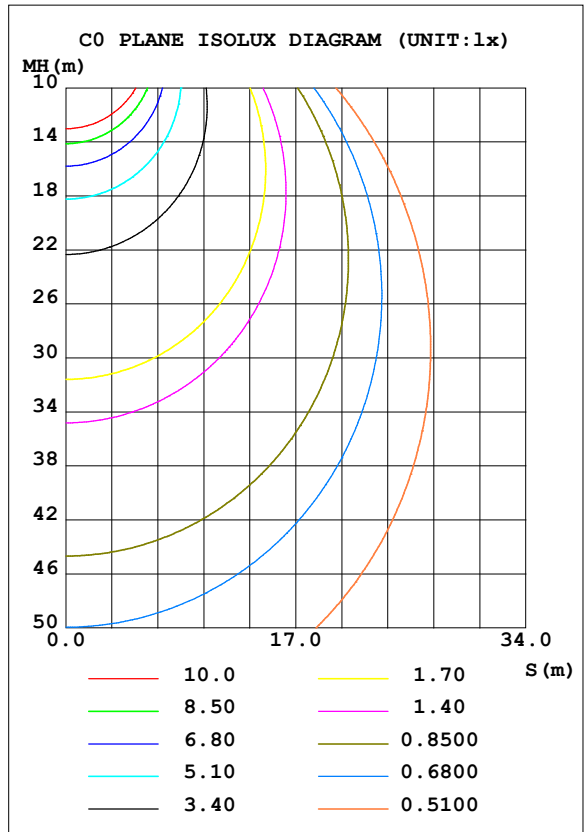
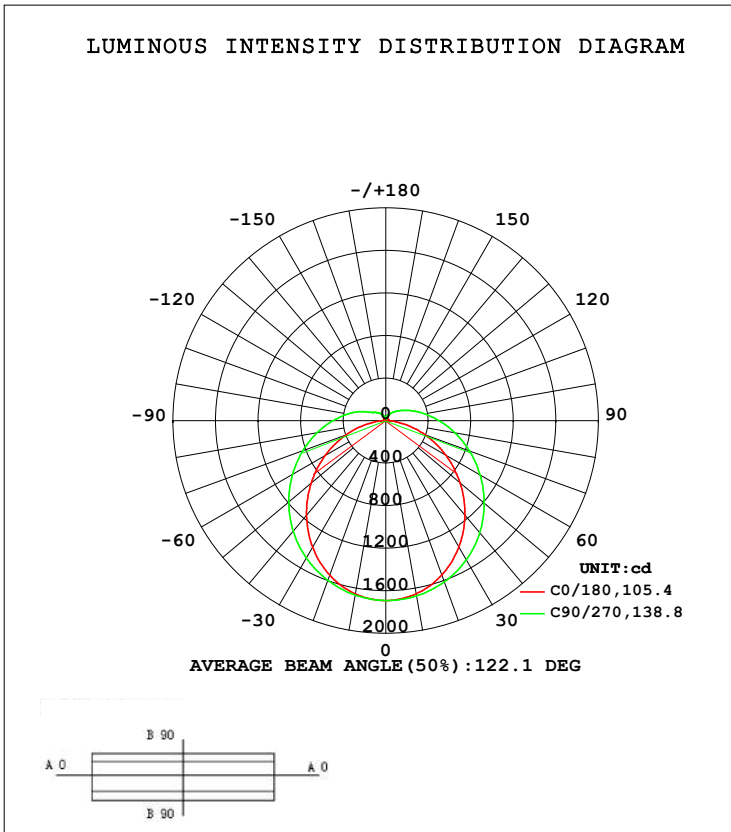


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.45 lm/W				
1000005787	MODEL: TS-ST4-4FT50W-TCP 5000K	Imax (cd)	1691	S/MH (C0/180)	1.22	
	NOMINAL POWER (W)	50	LOR (%)	100.0	S/MH (C90/270)	1.32
	RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	6975.2	η UP, DN (C0-180)	7.5, 43.1
	NOMINAL FLUX (lm)	6975.24	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	6.8, 42.6
	LAMPS INSIDE	1	η up (%)	14.3	CIBSE SHR NOM	1.50
	TEST VOLTAGE (V)	120	η down (%)	85.7	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 7.100m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

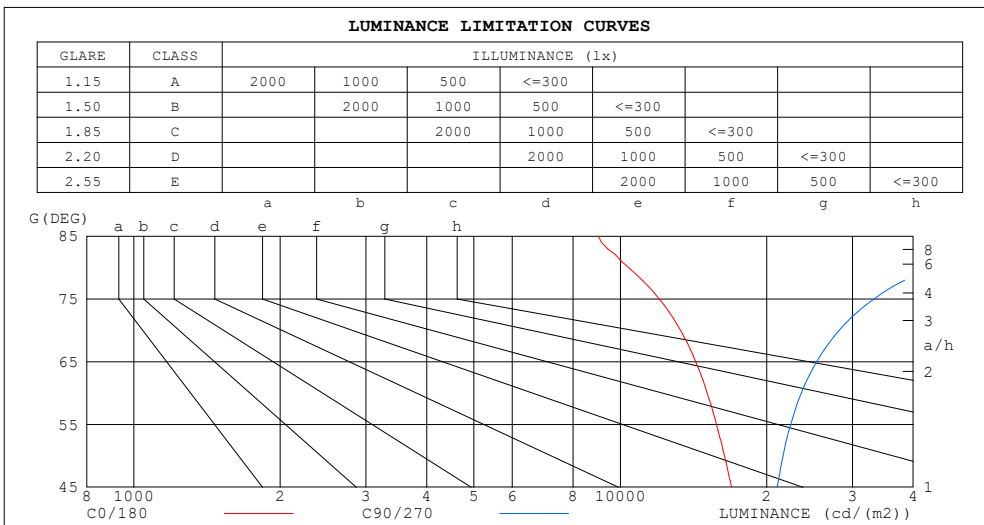
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1653	1662	1673	1673	1654	1661	1665	1664	0- 10	160.1	160.1	2.3,2.3
20	1545	1577	1613	1613	1545	1575	1597	1596	10- 20	460.6	620.7	8.9,8.9
30	1374	1444	1513	1515	1376	1441	1493	1492	20- 30	705.9	1327	19,19
40	1158	1272	1375	1377	1161	1269	1355	1353	30- 40	868.8	2195	31.5,31.5
50	912.9	1071	1208	1209	917.2	1073	1192	1190	40- 50	935.3	3131	44.9,44.9
60	654.6	862.3	1026	1027	660.4	866.2	1013	1011	50- 60	908.2	4039	57.9,57.9
70	394.5	662.5	838.9	840.5	402.4	666.9	830.3	828.4	60- 70	804.2	4843	69.4,69.4
80	156.8	486.2	660.7	662.0	160.5	489.5	654.4	652.6	70- 80	650.7	5494	78.8,78.8
90	29.30	344.5	502.7	503.7	16.05	344.2	497.0	495.7	80- 90	485.0	5979	85.7,85.7
100	11.26	240.9	373.2	374.0	12.56	216.8	365.4	364.7	90-100	348.6	6327	90.7,90.7
110	17.54	170.1	272.7	273.3	17.84	155.1	252.4	254.0	100-110	241.9	6569	94.2,94.2
120	19.11	124.3	197.1	197.6	19.39	94.82	157.8	157.9	110-120	160.1	6730	96.5,96.5
130	20.73	94.11	142.0	142.2	20.64	72.33	123.1	121.5	120-130	103.4	6833	98,98
140	22.09	72.01	102.7	102.9	21.79	52.24	92.63	92.04	130-140	67.22	6900	98.9,98.9
150	24.03	55.03	73.59	73.73	23.72	37.29	66.47	65.76	140-150	40.62	6941	99.5,99.5
160	25.91	42.46	51.88	52.01	25.56	30.88	40.15	40.03	150-160	22.01	6963	99.8,99.8
170	27.54	32.15	36.67	36.75	27.07	27.30	25.02	24.95	160-170	9.873	6973	100,100
180	28.05	28.27	24.77	24.79	28.04	28.04	24.86	24.82	170-180	2.645	6975	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:



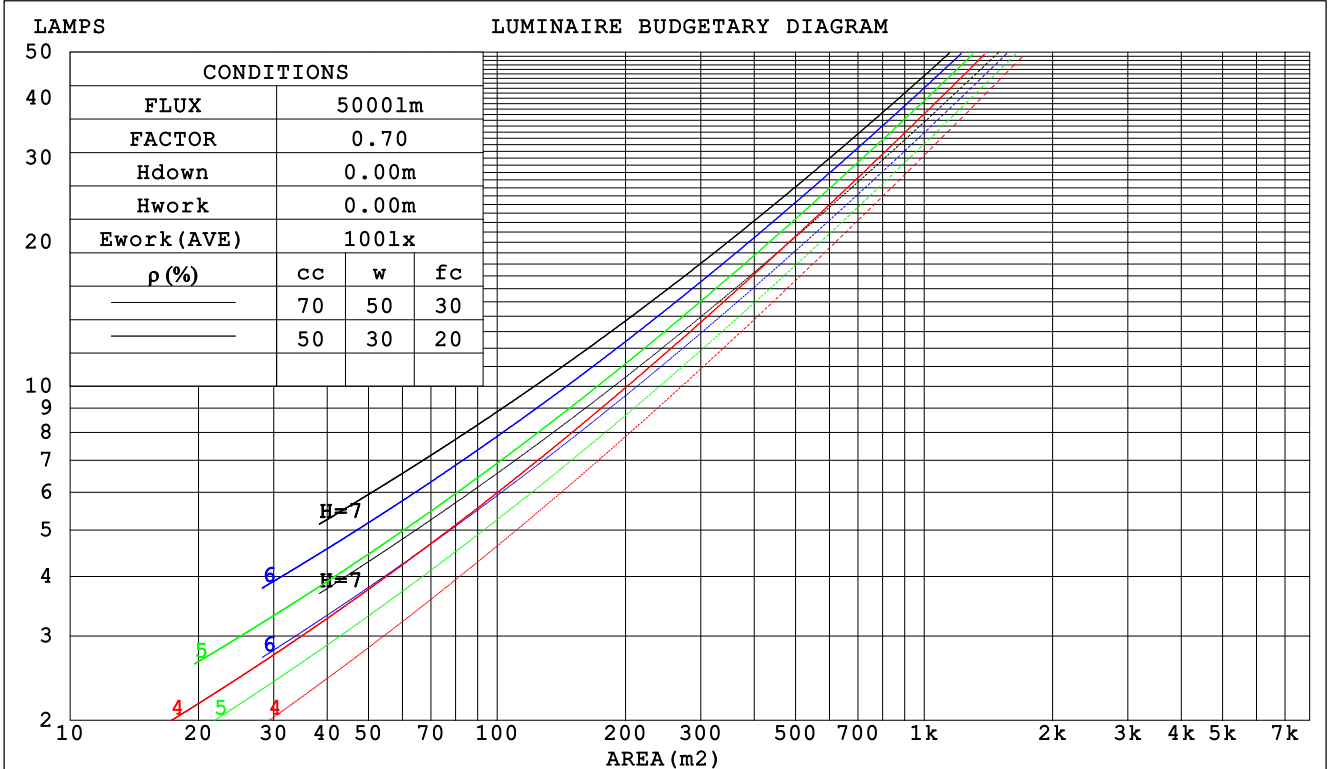
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.16	1.16	1.16	1.11	1.11	1.11	1.03	1.03	1.03	.96	.96	.96	.89	.89	.89	.86
1.0	.97	.92	.87	.93	.88	.84	.86	.82	.79	.80	.77	.74	.74	.71	.69	.66
2.0	.83	.75	.69	.80	.73	.67	.74	.68	.63	.68	.64	.60	.63	.60	.56	.53
3.0	.72	.63	.56	.69	.61	.55	.64	.58	.52	.60	.54	.49	.55	.51	.47	.44
4.0	.63	.54	.47	.61	.52	.46	.57	.49	.44	.53	.47	.41	.49	.44	.39	.37
5.0	.56	.47	.40	.54	.46	.39	.51	.43	.37	.47	.41	.36	.44	.38	.34	.31
6.0	.51	.41	.35	.49	.40	.34	.46	.38	.32	.42	.36	.31	.40	.34	.30	.27
7.0	.46	.37	.30	.44	.36	.30	.41	.34	.28	.39	.32	.27	.36	.30	.26	.24
8.0	.42	.33	.27	.40	.32	.26	.38	.30	.25	.35	.29	.24	.33	.27	.23	.21
9.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.33	.26	.22	.31	.25	.21	.19
10.0	.35	.27	.22	.34	.26	.21	.32	.25	.20	.30	.24	.20	.28	.23	.19	.17



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.378	.215	.068	.366	.209	.066	.344	.198	.063	.325	.187	.060	.306	.177	.057	
2.0	.329	.181	.055	.319	.176	.054	.299	.166	.052	.281	.158	.049	.265	.150	.047	
3.0	.294	.156	.047	.284	.152	.046	.267	.145	.044	.250	.137	.042	.235	.130	.040	
4.0	.265	.138	.040	.257	.134	.040	.241	.128	.038	.226	.121	.037	.212	.115	.035	
5.0	.241	.123	.036	.234	.120	.035	.219	.114	.034	.206	.109	.032	.193	.103	.031	
6.0	.221	.111	.032	.214	.108	.031	.201	.103	.030	.189	.098	.029	.178	.094	.028	
7.0	.204	.101	.029	.198	.099	.028	.186	.094	.027	.175	.090	.026	.164	.085	.025	
8.0	.190	.093	.026	.184	.091	.026	.173	.086	.025	.163	.082	.024	.153	.079	.023	
9.0	.177	.086	.024	.172	.084	.023	.162	.080	.023	.152	.076	.022	.143	.073	.021	
10.0	.166	.079	.022	.161	.078	.022	.152	.074	.021	.143	.071	.020	.135	.068	.019	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.299	.299	.299	.256	.256	.256	.175	.175	.175	.100	.100	.100	.032	.032	.032	
1.0	.295	.265	.239	.252	.228	.205	.172	.157	.142	.099	.091	.083	.032	.029	.027	
2.0	.288	.242	.204	.246	.208	.176	.169	.144	.123	.097	.084	.072	.031	.027	.023	
3.0	.280	.226	.182	.240	.195	.158	.165	.135	.111	.095	.079	.065	.031	.026	.021	
4.0	.272	.213	.168	.234	.184	.146	.161	.128	.102	.093	.075	.061	.030	.024	.020	
5.0	.265	.203	.157	.227	.176	.137	.157	.123	.097	.091	.072	.057	.029	.024	.019	
6.0	.257	.195	.150	.221	.169	.131	.152	.118	.093	.088	.070	.055	.029	.023	.018	
7.0	.250	.188	.145	.215	.163	.126	.149	.114	.090	.086	.067	.053	.028	.022	.018	
8.0	.243	.183	.141	.210	.158	.123	.145	.111	.087	.084	.066	.052	.027	.022	.017	
9.0	.237	.178	.138	.204	.154	.120	.142	.108	.085	.082	.064	.051	.027	.021	.017	
10.0	.231	.174	.135	.199	.151	.118	.138	.106	.084	.081	.063	.050	.026	.021	.017	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm										
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.: 1.2*0.0726			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	19.9	21.4	20.5	22.0	22.6	22.3	23.7	22.8	24.3	24.9
3H	21.7	23.0	22.3	23.6	24.3	24.9	26.2	25.5	26.8	27.5
4H	22.3	23.6	22.9	24.2	24.9	26.3	27.5	26.9	28.1	28.8
6H	22.8	24.0	23.4	24.6	25.3	27.7	28.9	28.3	29.5	30.2
8H	23.0	24.1	23.6	24.7	25.5	28.5	29.6	29.1	30.3	31.0
12H	23.1	24.2	23.7	24.8	25.5	29.4	30.5	30.0	31.1	31.8
4H 2H	21.0	22.3	21.6	22.9	23.6	23.1	24.3	23.7	24.9	25.6
3H	23.1	24.2	23.7	24.8	25.5	26.0	27.1	26.6	27.7	28.5
4H	23.9	24.9	24.6	25.6	26.3	27.6	28.5	28.2	29.2	29.9
6H	24.6	25.5	25.3	26.2	26.9	29.2	30.1	29.9	30.8	31.5
8H	24.9	25.7	25.5	26.4	27.1	30.1	30.9	30.8	31.6	32.4
12H	25.1	25.8	25.7	26.5	27.3	31.1	31.9	31.8	32.6	33.3
8H 4H	25.0	25.8	25.6	26.5	27.2	28.2	29.0	28.9	29.7	30.5
6H	26.0	26.7	26.7	27.4	28.2	30.1	30.8	30.8	31.5	32.3
8H	26.4	27.1	27.1	27.8	28.6	31.2	31.8	31.9	32.5	33.3
12H	26.8	27.4	27.5	28.1	28.9	32.4	33.0	33.1	33.7	34.5
12H 4H	25.3	26.1	26.0	26.7	27.5	28.4	29.1	29.1	29.8	30.6
6H	26.5	27.2	27.2	27.8	28.7	30.4	31.0	31.1	31.7	32.5
8H	27.1	27.7	27.8	28.4	29.2	31.6	32.1	32.3	32.8	33.7
CIE190: 2010										

CIE190: 2010
Area: 0.087 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-03-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:

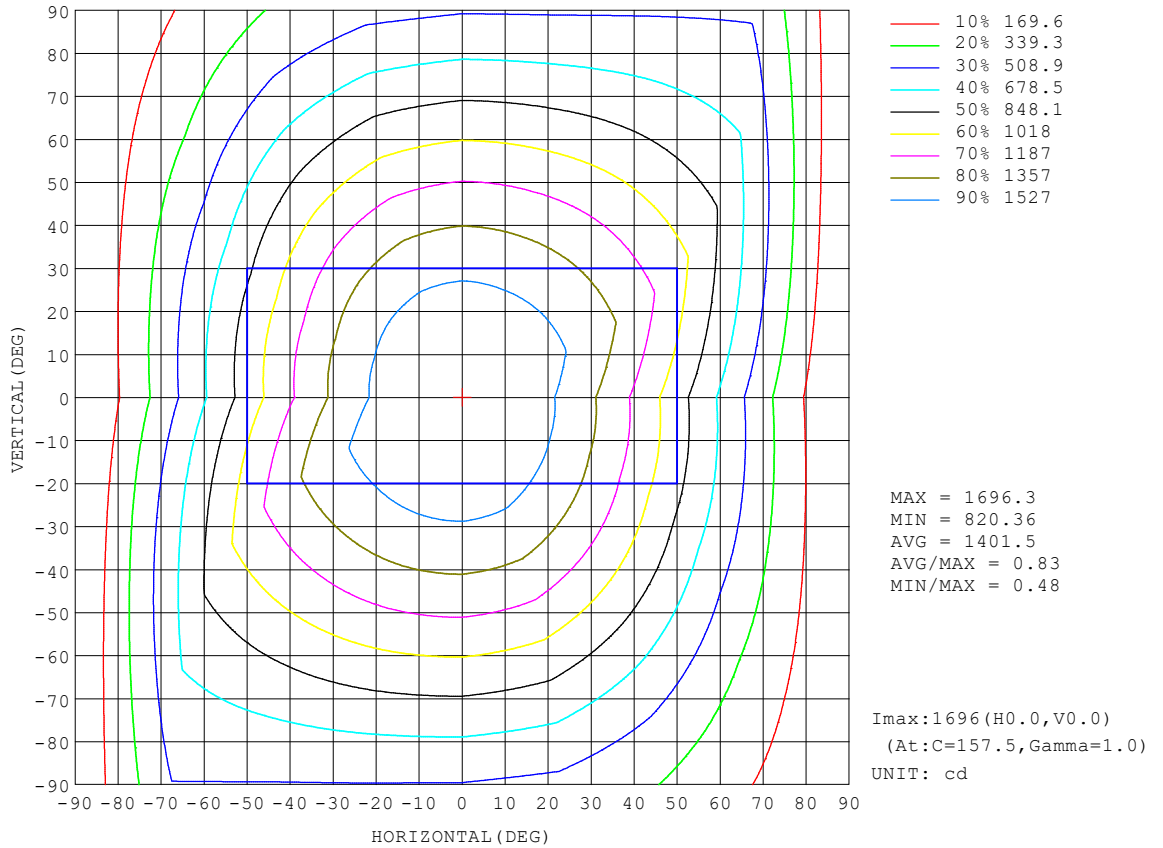
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	37	30	48	37	30	47	36	29	23
0.80	59	46	38	57	45	38	55	44	37	29
1.00	67	54	46	65	53	45	62	54	44	36
1.25	73	61	53	71	60	52	67	58	51	41
1.50	79	67	58	76	65	57	72	62	56	46
2.00	86	75	67	83	73	66	78	70	63	52
2.50	90	80	73	87	78	71	81	74	68	56
3.00	94	85	78	91	82	76	84	78	72	60
4.00	98	91	84	95	88	82	88	83	78	65
5.00	101	95	89	98	92	86	91	86	82	68
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:

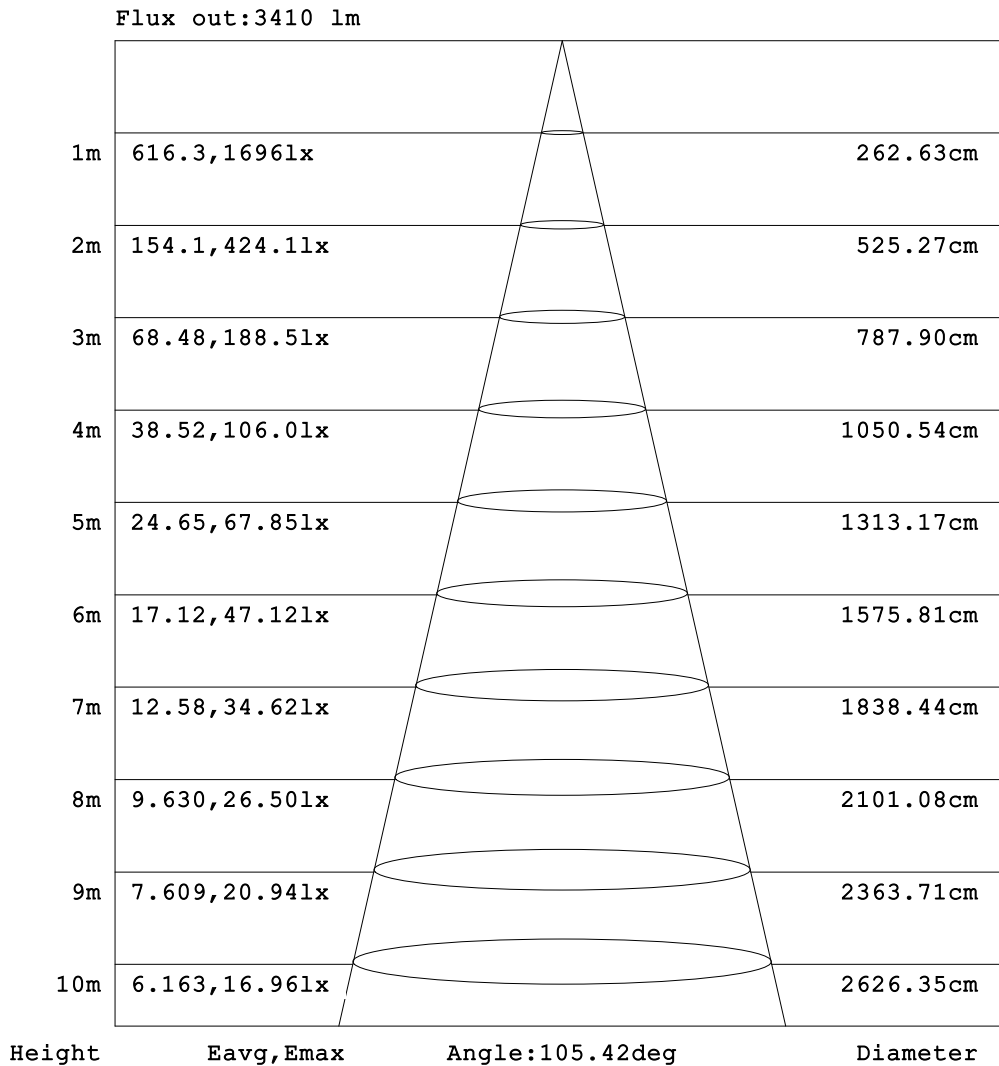


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:



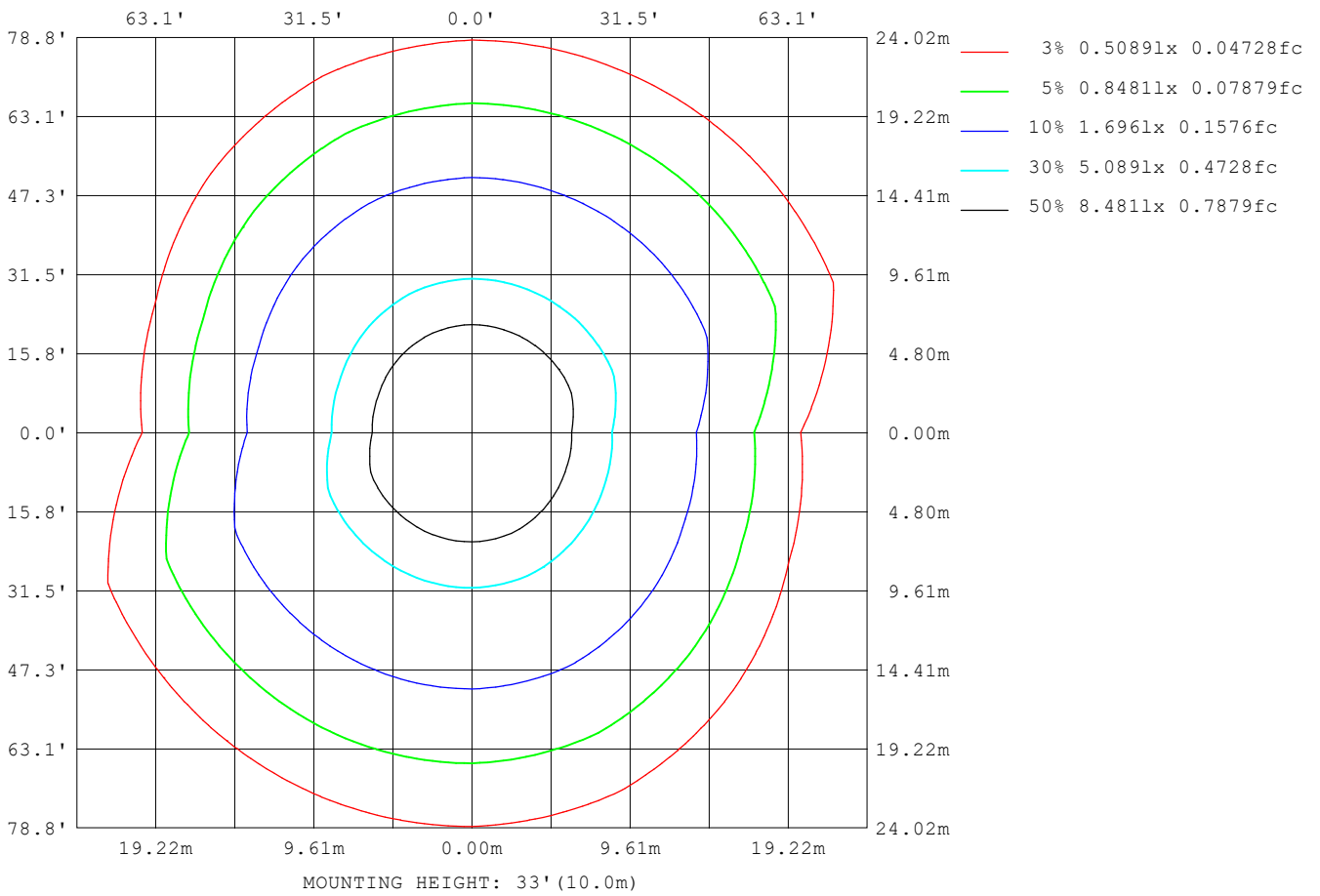
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:

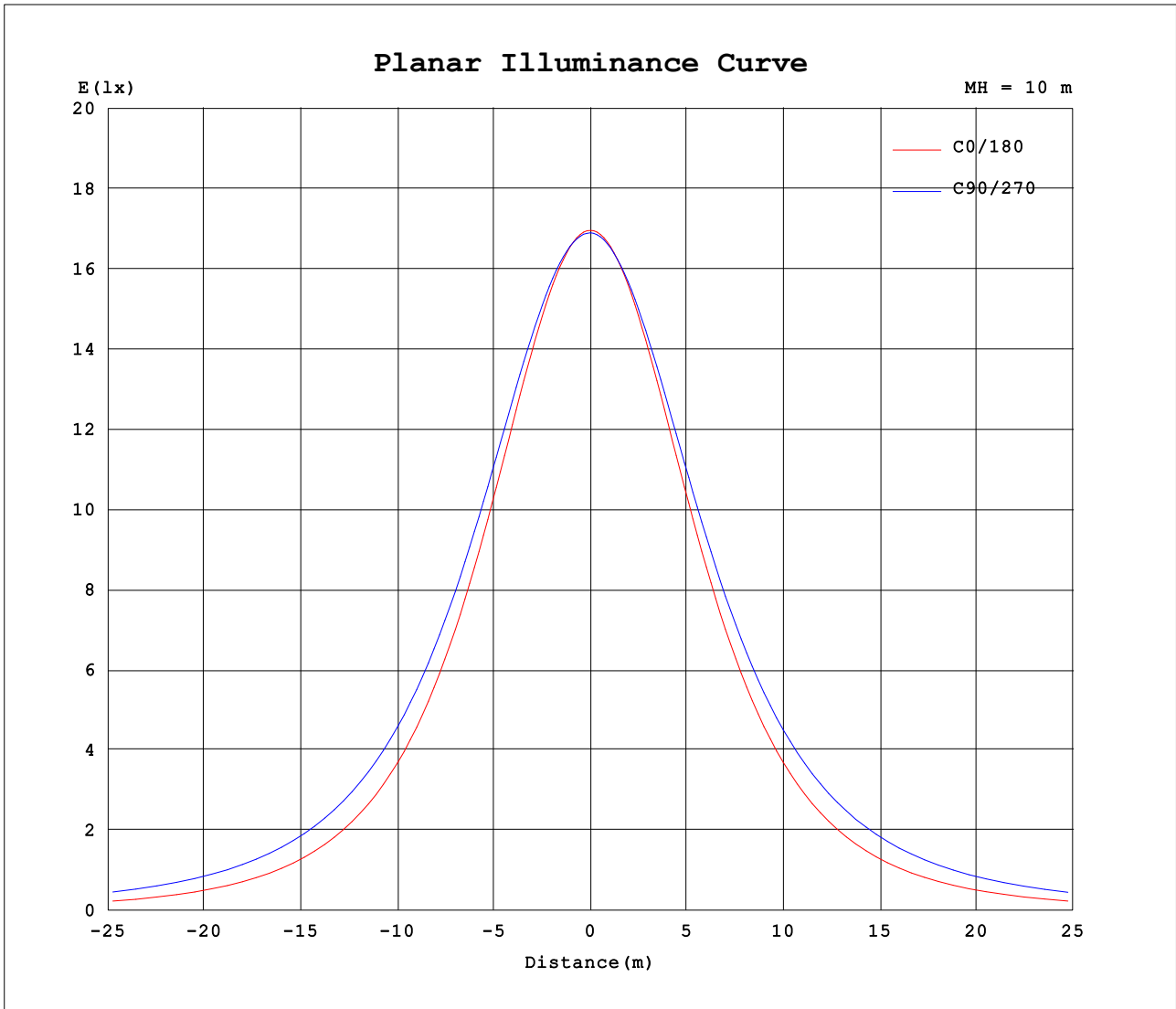
AvgL	cd/m2
L_0~180 (65) av	14340
L_0~180 (75) av	12182
L_0~180 (85) av	8553
L_90~270 (65) av	25204
L_90~270 (75) av	33066
L_90~270 (85) av	75915
L_45 (65) av	22969
L_45 (75) av	29245
L_45 (85) av	65075

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 7.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.43V I:0.4315A P:51.495W PF:0.9909 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:6975.24x1 lm		
NAME: 1000005787 TS-ST4-4FT50W-TCP 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 1.2*0.0726	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691			
5	1681	1682	1683	1686	1687	1688	1687	1688	1682	1682	1683	1683	1683	1683	1683	1683			
10	1653	1656	1662	1670	1673	1673	1673	1674	1654	1655	1661	1664	1665	1664	1664	1664			
15	1607	1613	1626	1642	1647	1649	1648	1649	1608	1612	1625	1633	1636	1635	1635	1634			
20	1545	1555	1577	1604	1613	1614	1613	1615	1545	1553	1575	1591	1597	1596	1596	1595			
25	1466	1482	1516	1555	1568	1570	1569	1571	1467	1480	1514	1540	1550	1548	1548	1547			
30	1374	1396	1444	1497	1513	1516	1515	1517	1376	1394	1441	1479	1493	1491	1492	1490			
35	1271	1300	1362	1427	1449	1451	1450	1453	1273	1297	1359	1409	1428	1425	1426	1424			
40	1158	1194	1272	1350	1375	1378	1377	1380	1161	1192	1269	1332	1355	1352	1353	1351			
45	1038	1082	1174	1265	1295	1298	1296	1299	1041	1080	1173	1248	1276	1273	1274	1271			
50	913	965	1071	1175	1208	1211	1209	1213	917	963	1073	1161	1192	1188	1190	1187			
55	785	847	967	1082	1118	1122	1120	1123	790	845	969	1069	1104	1100	1102	1099			
60	655	727	862	987	1026	1029	1027	1030	660	725	866	976	1013	1010	1011	1008			
65	524	609	760	892	932	935	933	937	531	608	765	883	922	918	920	917			
70	395	496	663	799	839	843	840	844	402	496	667	791	830	827	828	826			
75	270	393	571	708	748	751	750	753	279	391	575	701	741	738	739	736			
80	157	302	486	622	661	664	662	665	161	299	490	615	654	651	653	650			
85	68.2	227	411	542	579	582	580	583	61.5	222	412	535	573	570	571	569			
90	29.3	170	345	468	503	505	504	506	16.0	164	344	462	497	494	496	493			
95	23.7	130	288	402	434	437	435	437	15.7	118	280	393	428	425	427	425			
100	11.3	103	241	344	373	375	374	376	12.6	93.1	217	329	365	364	365	363			
105	13.3	85.6	202	294	320	321	320	322	12.3	71.9	190	252	310	309	310	308			
110	17.5	74.5	170	250	273	274	273	275	17.8	63.5	155	214	252	255	254	255			
115	18.4	66.6	145	212	232	234	233	234	18.7	57.4	125	194	198	198	200	199			
120	19.1	60.0	124	180	197	198	198	199	19.4	51.2	94.8	162	158	157	158	157			
125	19.9	54.6	108	154	167	168	168	169	20.0	44.9	82.5	132	137	134	135	133			
130	20.7	49.9	94.1	131	142	143	142	143	20.6	39.5	72.3	113	123	121	121	120			
135	21.5	46.0	82.4	112	121	121	121	122	21.2	35.3	62.0	91.9	107	105	105	104			
140	22.1	42.5	72.0	95.5	103	103	103	103	21.8	32.1	52.2	72.2	92.6	91.7	92.0	91.3			
145	23.0	39.6	62.9	81.4	87.1	87.6	87.3	87.7	22.9	29.9	44.2	60.2	78.2	77.6	77.8	77.3			
150	24.0	37.2	55.0	69.1	73.6	74.0	73.7	74.1	23.7	29.0	37.3	48.8	66.5	65.6	65.8	65.3			
155	25.0	34.9	48.2	58.5	61.8	62.1	62.0	62.2	24.7	28.0	32.9	39.2	53.2	52.7	52.8	52.5			
160	25.9	32.2	42.5	49.6	51.9	52.2	52.0	52.2	25.6	27.2	30.9	32.7	40.2	39.9	40.0	39.9			
165	26.9	29.4	37.7	42.4	43.8	43.9	43.8	44.0	26.4	26.9	28.9	28.2	31.1	30.9	30.9	30.8			
170	27.5	31.1	32.2	35.8	36.7	36.8	36.7	36.9	27.1	27.0	27.3	25.0	25.0	24.9	25.0	24.8			
175	27.8	30.8	31.2	29.2	27.5	27.4	27.5	27.2	27.8	26.8	26.7	24.4	22.6	22.6	22.6	22.6			
180	28.1	28.1	28.3	27.2	24.8	24.8	24.8	24.8	28.0	28.1	28.0	27.2	24.9	24.7	24.8	24.8			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691
3.0	1687	1688	1688	1689	1690	1690	1690	1690	1688	1688
6.0	1677	1678	1680	1684	1685	1685	1685	1686	1677	1678
9.0	1660	1662	1667	1674	1676	1677	1676	1677	1661	1662
12.0	1637	1640	1649	1660	1664	1665	1664	1665	1637	1640
15.0	1607	1613	1626	1642	1647	1649	1648	1649	1608	1612
18.0	1572	1580	1598	1620	1628	1629	1628	1630	1572	1579
21.0	1530	1541	1566	1595	1605	1606	1605	1607	1531	1540
24.0	1483	1498	1529	1566	1578	1580	1579	1581	1484	1496
27.0	1431	1449	1489	1533	1548	1550	1548	1551	1432	1447
30.0	1374	1396	1444	1497	1513	1516	1515	1517	1376	1394
33.0	1313	1339	1396	1456	1476	1479	1477	1480	1315	1337
36.0	1249	1279	1345	1413	1435	1438	1436	1439	1251	1277
39.0	1181	1216	1290	1366	1391	1394	1392	1395	1183	1213
42.0	1111	1150	1233	1317	1344	1347	1345	1348	1113	1147
45.0	1038	1082	1174	1265	1295	1298	1296	1299	1041	1080
48.0	963.6	1013	1113	1212	1243	1247	1245	1248	967.1	1010
51.0	887.6	941.9	1050	1157	1190	1194	1192	1195	891.8	939.8
54.0	810.2	870.7	987.7	1101	1136	1140	1138	1141	815.3	868.4
57.0	732.4	798.7	924.5	1044	1081	1085	1083	1086	738.0	796.9
60.0	654.6	727.1	862.3	987.0	1026	1029	1027	1030	660.4	725.5
63.0	576.1	656.0	800.9	929.7	969.3	972.8	970.9	974.2	582.6	654.7
66.0	497.6	586.0	740.4	872.9	913.0	916.8	914.6	918.1	504.9	585.4
69.0	420.1	518.2	681.6	817.0	857.6	860.7	858.8	862.2	427.8	517.7
72.0	343.7	453.4	624.9	762.1	802.5	805.9	803.8	807.1	352.3	453.0
75.0	269.9	392.5	570.6	708.0	748.3	751.5	749.7	753.0	278.7	391.5
78.0	200.1	336.3	519.1	655.7	695.4	698.6	696.6	699.7	207.4	334.3
81.0	136.5	285.5	470.3	605.4	644.0	647.1	645.5	648.4	138.4	282.2
84.0	83.01	241.2	424.9	557.2	594.8	597.6	595.9	598.7	78.52	236.0
87.0	45.07	201.7	383.0	511.2	547.3	550.1	548.4	551.1	34.22	196.5
90.0	29.30	169.7	344.5	468.1	502.7	505.5	503.7	506.4	16.05	163.6
93.0	27.54	143.7	309.6	427.6	460.7	463.2	461.7	464.1	15.18	136.2
96.0	20.71	123.3	277.9	390.0	421.4	423.7	422.3	424.6	15.86	111.0
99.0	12.51	107.3	249.5	355.3	384.7	387.0	385.7	387.8	13.64	96.90
102.0	11.06	94.96	224.2	323.1	350.9	352.9	351.6	353.6	11.49	84.35
105.0	13.27	85.58	201.9	293.6	319.5	321.4	320.2	322.1	12.33	71.93
108.0	17.05	78.42	182.1	266.8	290.6	292.5	291.3	293.1	15.69	65.90
111.0	17.70	72.75	164.7	241.9	264.1	266.0	264.8	266.7	18.15	63.12
114.0	18.21	68.02	149.2	219.5	239.8	241.4	240.3	241.9	18.59	58.59
117.0	18.68	63.85	135.9	198.9	217.5	218.9	218.1	219.4	19.01	54.61
120.0	19.11	60.04	124.3	180.5	197.1	198.4	197.6	198.9	19.39	51.17
123.0	19.59	56.59	114.0	163.8	178.7	179.8	179.1	180.2	19.80	47.32
126.0	20.08	53.55	104.9	148.6	162.0	163.0	162.3	163.3	20.17	43.76
129.0	20.57	50.78	96.67	135.0	146.7	147.7	147.0	148.0	20.55	40.54
132.0	21.05	48.29	89.22	122.8	133.2	133.9	133.2	134.2	20.86	37.72
135.0	21.49	45.98	82.37	111.8	120.8	121.5	121.0	121.7	21.25	35.26
138.0	21.84	43.84	75.98	101.7	109.5	110.1	109.8	110.3	21.59	33.30
141.0	22.18	41.89	70.10	92.54	99.44	99.97	99.64	100.1	21.90	31.64
144.0	22.71	40.15	64.62	84.05	90.08	90.55	90.26	90.69	22.52	30.25
147.0	23.38	38.65	59.63	76.24	81.50	81.89	81.65	82.02	23.16	29.51
150.0	24.03	37.23	55.03	69.10	73.59	73.99	73.73	74.13	23.72	29.01
153.0	24.62	35.83	50.80	62.54	66.33	66.64	66.48	66.76	24.34	28.38
156.0	25.21	34.41	46.99	56.57	59.71	60.00	59.87	60.11	24.90	27.84
159.0	25.73	32.82	43.52	51.25	53.71	53.97	53.85	54.07	25.40	27.33
162.0	26.33	30.50	40.52	46.55	48.50	48.67	48.60	48.76	25.90	27.01
165.0	26.88	29.42	37.66	42.37	43.76	43.93	43.85	43.98	26.37	26.93
168.0	27.30	29.86	34.64	38.45	39.41	39.59	39.49	39.65	26.79	26.94
171.0	27.63	31.50	30.95	34.50	35.28	35.43	35.38	35.49	27.24	26.93
174.0	27.74	31.14	30.31	29.95	26.18	26.27	26.24	26.36	27.68	26.83
177.0	28.01	30.08	31.17	30.18	28.16	28.18	28.15	28.17	28.01	26.82
180.0	28.05	28.11	28.27	27.22	24.77	24.79	24.79	24.81	28.04	28.11
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	1691	1691	1691	1691	1691	1691				
3.0	1688	1688	1688	1688	1688	1687				
6.0	1680	1680	1680	1680	1680	1680				
9.0	1667	1669	1669	1669	1669	1668				
12.0	1648	1653	1655	1654	1654	1653				
15.0	1625	1633	1636	1635	1635	1634				
18.0	1597	1609	1614	1613	1613	1612				
21.0	1564	1582	1589	1587	1588	1586				
24.0	1527	1551	1560	1558	1559	1557				
27.0	1486	1516	1528	1526	1527	1525				
30.0	1441	1479	1493	1491	1492	1490				

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 7.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	1393	1438	1455	1452	1453	1451
36.0	1342	1394	1414	1411	1412	1410
39.0	1288	1348	1370	1367	1368	1366
42.0	1232	1299	1324	1321	1323	1320
45.0	1173	1248	1276	1273	1274	1271
48.0	1113	1196	1226	1223	1224	1221
51.0	1052	1143	1174	1171	1172	1170
54.0	990.2	1088	1122	1118	1120	1117
57.0	928.2	1032	1068	1065	1066	1063
60.0	866.2	976.3	1013	1010	1011	1008
63.0	804.9	920.1	958.4	954.8	956.4	953.7
66.0	745.1	864.2	903.4	900.3	901.6	898.8
69.0	686.3	808.9	848.5	845.0	846.9	843.9
72.0	629.9	754.4	794.4	791.0	792.8	789.5
75.0	574.7	701.1	740.9	737.7	739.0	736.4
78.0	522.7	649.1	688.7	685.5	687.3	684.2
81.0	473.5	599.1	637.8	634.7	636.3	633.4
84.0	427.0	550.8	588.5	585.8	587.0	584.5
87.0	383.9	505.1	541.7	538.7	540.3	537.8
90.0	344.2	461.7	497.0	494.1	495.7	493.3
93.0	306.2	420.3	454.6	452.3	453.4	451.4
96.0	264.7	380.7	414.5	412.7	414.0	412.0
99.0	224.3	342.5	377.2	375.2	376.0	374.6
102.0	209.9	295.2	342.3	340.6	341.8	340.1
105.0	189.5	251.7	310.2	308.7	309.9	308.2
108.0	166.0	223.1	275.7	276.6	275.9	276.6
111.0	149.9	212.3	240.7	242.5	243.0	243.0
114.0	129.0	199.1	207.5	209.6	209.1	210.3
117.0	111.7	181.5	179.5	180.5	180.1	180.6
120.0	94.82	161.7	157.8	157.4	157.9	157.3
123.0	86.21	143.7	142.6	141.4	141.3	140.7
126.0	81.23	125.4	136.2	132.0	133.5	130.3
129.0	74.13	116.2	126.0	123.7	123.9	122.6
132.0	68.36	106.3	115.1	114.2	114.4	113.6
135.0	62.04	91.86	107.1	105.0	105.3	104.1
138.0	55.92	79.71	98.32	97.55	97.58	97.14
141.0	50.49	69.58	89.65	88.82	89.07	88.40
144.0	45.69	62.44	80.89	80.48	80.60	80.15
147.0	41.19	55.61	73.31	72.58	72.69	72.30
150.0	37.29	48.84	66.47	65.63	65.76	65.32
153.0	34.13	42.56	59.10	58.42	58.61	58.11
156.0	32.45	37.83	49.99	49.55	49.74	49.42
159.0	31.29	34.01	42.40	42.12	42.25	42.10
162.0	30.07	30.65	35.65	35.44	35.54	35.35
165.0	28.86	28.18	31.07	30.86	30.95	30.79
168.0	27.77	25.95	27.28	27.16	27.20	27.05
171.0	27.19	24.65	24.12	24.00	24.07	23.93
174.0	26.96	24.38	22.78	22.80	22.77	22.81
177.0	26.26	24.17	21.97	21.95	21.93	21.91
180.0	28.04	27.20	24.86	24.75	24.82	24.79

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-03-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks: