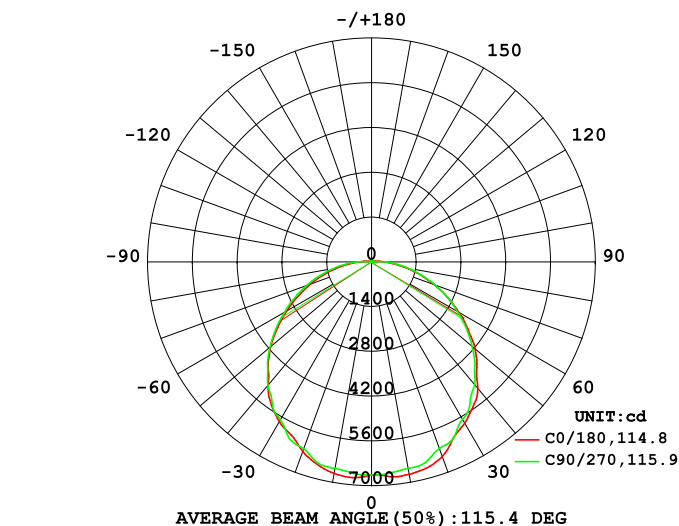


LUMINAIRE PHOTOMETRIC TEST REPORT

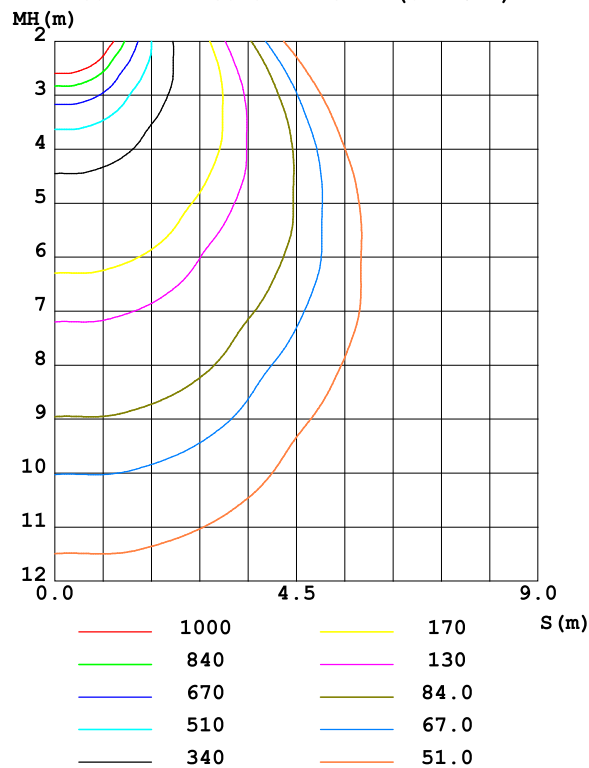
Test:U:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.224*0.224	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.99 lm/W			
1000017247	MODEL: GCP1515-150W-C-H-TP-XXK	Imax (cd)	6774	S/MH(C0/180)	1.29
NOMINAL POWER(W)	150	LOR (%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	21105	η UP,DN(C0-180)	1.1,48.9
NOMINAL FLUX(lm)	21104.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,48.9
LAMPS INSIDE	1	η up (%)	2.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down (%)	97.8	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2024-05-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
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:

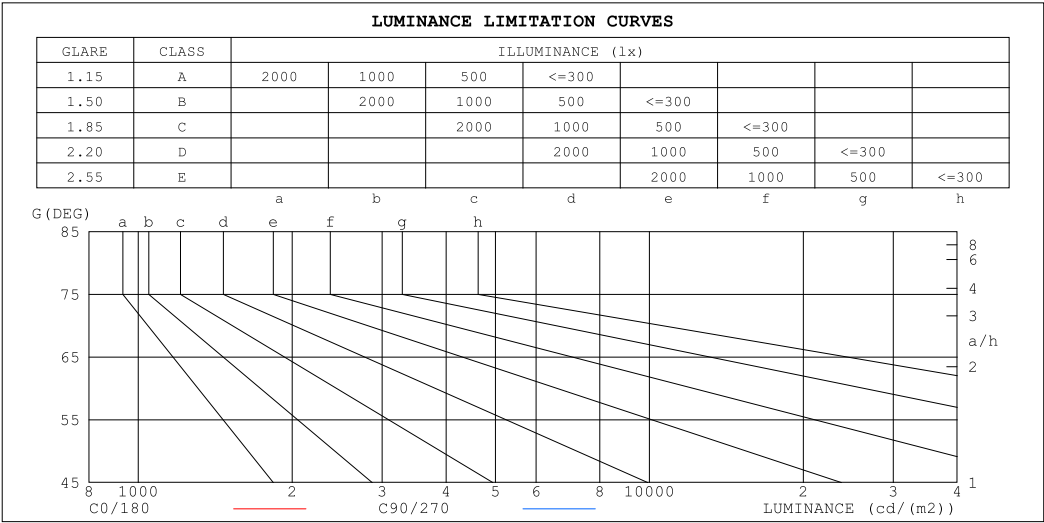
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	6743	6722	6560	6647	6718	6634	6559	6720	0- 10	639.2	639.2	3.03,3.03
20	6479	6438	6210	6360	6305	6382	6219	6431	10- 20	1847	2486	11.8,11.8
30	5826	5856	5686	5723	5772	5682	5702	5890	20- 30	2804	5291	25.1,25.1
40	5171	5024	5016	4972	5039	4955	5049	5038	30- 40	3400	8690	41.2,41.2
50	4228	4160	4110	4079	4124	4082	4147	4186	40- 50	3550	12240	58,58
60	3161	3133	3106	3072	3062	3101	3148	3164	50- 60	3245	15485	73.4,73.4
70	2086	2105	2118	2079	2034	2110	2166	2144	60- 70	2583	18068	85.6,85.6
80	1091	1176	1166	1182	1077	1207	1214	1220	70- 80	1722	19791	93.8,93.8
90	393.1	455.0	398.0	454.8	382.9	472.6	420.1	473.6	80- 90	848.9	20639	97.8,97.8
100	151.4	53.53	24.26	50.44	153.6	63.82	28.59	53.85	90-100	240.0	20879	98.9,98.9
110	26.97	27.28	27.20	27.78	33.01	33.27	32.81	32.77	100-110	42.42	20922	99.1,99.1
120	36.06	32.05	31.81	32.57	43.25	40.37	41.49	40.06	110-120	32.85	20955	99.3,99.3
130	46.03	37.68	37.64	38.01	53.79	44.13	52.41	43.54	120-130	36.80	20991	99.5,99.5
140	44.26	44.10	44.12	44.39	50.49	49.31	48.28	48.89	130-140	34.40	21026	99.6,99.6
150	50.00	49.82	49.85	50.09	53.47	54.13	53.39	53.92	140-150	30.91	21057	99.8,99.8
160	55.31	55.31	55.13	55.57	58.58	59.24	58.45	59.00	150-160	25.17	21082	99.9,99.9
170	60.05	60.10	59.88	60.32	61.66	62.21	61.51	62.11	160-170	16.74	21099	100,100
180	62.10	62.56	61.83	62.49	62.35	62.73	61.97	62.49	170-180	5.869	21105	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-05-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.224*0.224	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	153301	170536
80	127021	133992
75	123478	125372
70	123388	123619
65	125382	123357
60	127859	123985
55	129654	125816
50	133028	127637
45	133236	129056

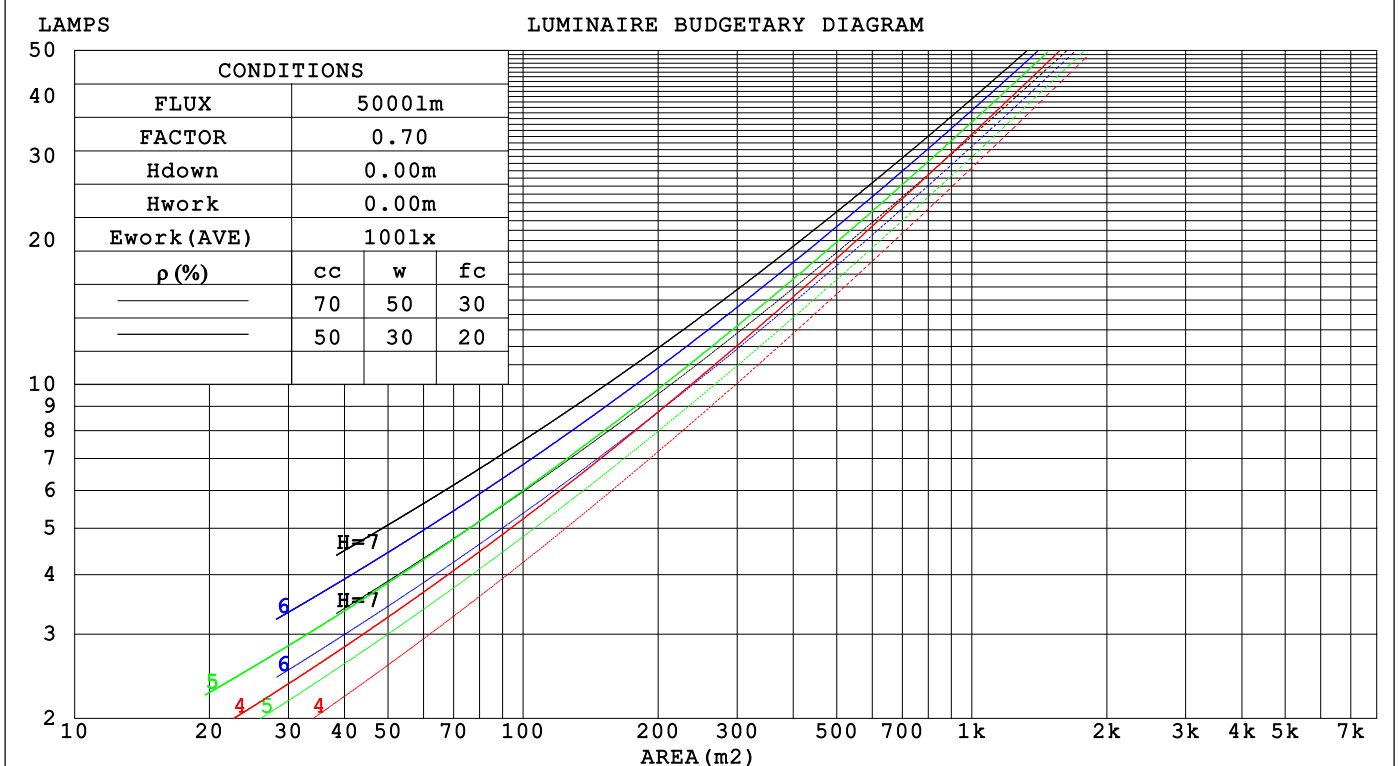
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-05-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: EVERFINE			SUR.: 0.224*0.224			Shielding Angle:		

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.02	.97	.93	.99	.95	.91	.95	.91	.88	.90	.87	.85	.86	.84	.82	.80
2.0	.88	.81	.75	.86	.79	.74	.82	.77	.72	.78	.74	.70	.75	.71	.68	.65
3.0	.77	.69	.62	.75	.67	.61	.72	.65	.60	.69	.63	.58	.66	.61	.57	.55
4.0	.68	.59	.52	.67	.58	.52	.64	.56	.51	.61	.55	.50	.59	.53	.49	.46
5.0	.61	.52	.45	.60	.51	.44	.57	.49	.44	.55	.48	.43	.53	.47	.42	.40
6.0	.55	.45	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.37	.35
7.0	.49	.41	.34	.49	.40	.34	.47	.39	.34	.45	.38	.33	.44	.37	.33	.31
8.0	.45	.36	.30	.44	.36	.30	.43	.35	.30	.41	.35	.30	.40	.34	.29	.27
9.0	.41	.33	.27	.41	.33	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.25
10.0	.38	.30	.25	.38	.30	.25	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-05-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: EVERFINE			SUR.: 0.224*0.224			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	.339	.193	.061	.331	.189	.060	.316	.181	.058	.303	.175	.056	.290	.168	.054		
2.0	.308	.169	.052	.301	.166	.051	.288	.160	.050	.276	.155	.049	.265	.150	.047		
3.0	.281	.149	.045	.275	.147	.044	.263	.143	.043	.252	.138	.042	.242	.134	.042		
4.0	.257	.133	.039	.251	.131	.039	.241	.128	.038	.231	.124	.037	.223	.121	.037		
5.0	.236	.120	.035	.231	.119	.035	.222	.115	.034	.213	.113	.033	.205	.110	.033		
6.0	.218	.109	.031	.213	.108	.031	.205	.105	.031	.198	.103	.030	.190	.100	.030		
7.0	.202	.100	.028	.198	.099	.028	.191	.096	.028	.184	.094	.027	.177	.092	.027		
8.0	.188	.092	.026	.185	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.176	.085	.024	.173	.084	.024	.167	.083	.023	.161	.081	.023	.156	.079	.023		
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021		

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	.207	.207	.207	.177	.177	.177	.121	.121	.121	.069	.069	.069	.022	.022	.022	
1.0	.199	.173	.149	.170	.148	.128	.117	.102	.089	.067	.059	.052	.021	.019	.017	
2.0	.191	.149	.113	.164	.128	.098	.112	.089	.068	.065	.052	.040	.021	.017	.013	
3.0	.184	.132	.090	.157	.113	.078	.108	.079	.055	.062	.046	.032	.020	.015	.011	
4.0	.176	.118	.074	.151	.102	.065	.104	.071	.046	.060	.042	.027	.019	.014	.009	
5.0	.168	.108	.064	.145	.094	.055	.100	.065	.039	.058	.038	.023	.019	.013	.008	
6.0	.161	.100	.056	.138	.086	.049	.095	.060	.034	.055	.036	.020	.018	.012	.007	
7.0	.154	.093	.050	.132	.081	.044	.092	.056	.031	.053	.033	.018	.017	.011	.006	
8.0	.147	.087	.046	.127	.076	.040	.088	.053	.028	.051	.031	.017	.017	.010	.006	
9.0	.141	.082	.042	.122	.071	.037	.084	.050	.026	.049	.030	.016	.016	.010	.005	
10.0	.135	.078	.040	.117	.068	.035	.081	.048	.025	.047	.028	.015	.015	.009	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-05-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21104.5x1 lm										
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.: 0.224*0.224			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					28.9	30.5	29.3	30.9	31.2	28.7
3H					30.8	32.3	31.3	32.7	33.1	30.7
4H					31.7	33.1	32.1	33.5	33.9	32.2
6H					32.4	33.7	32.8	34.1	34.6	31.1
8H					32.7	33.9	33.2	34.4	34.8	32.0
12H					33.0	34.2	33.5	34.6	35.1	32.8
4H 2H					29.5	30.9	30.0	31.3	31.7	34.0
3H					31.7	32.9	32.2	33.4	33.8	34.3
4H					32.7	33.8	33.2	34.3	34.8	34.6
6H					33.6	34.6	34.1	35.1	35.6	34.7
8H					34.0	34.9	34.5	35.4	35.9	34.8
12H					34.4	35.2	34.9	35.7	36.2	35.0
8H 4H					33.2	34.1	33.7	34.5	35.1	35.1
6H					34.2	35.0	34.8	35.5	36.0	35.4
8H					34.8	35.4	35.3	36.0	36.5	35.6
12H					35.3	35.9	35.8	36.4	37.0	35.7
12H 4H					33.2	34.0	33.8	34.6	35.1	36.0
6H					34.4	35.1	34.9	35.6	36.2	36.1
8H					35.0	35.6	35.5	36.1	36.7	36.6
CIE190: 2010										

CIE190: 2010
Area: 0.05 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-05-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.224*0.224	Shielding Angle:

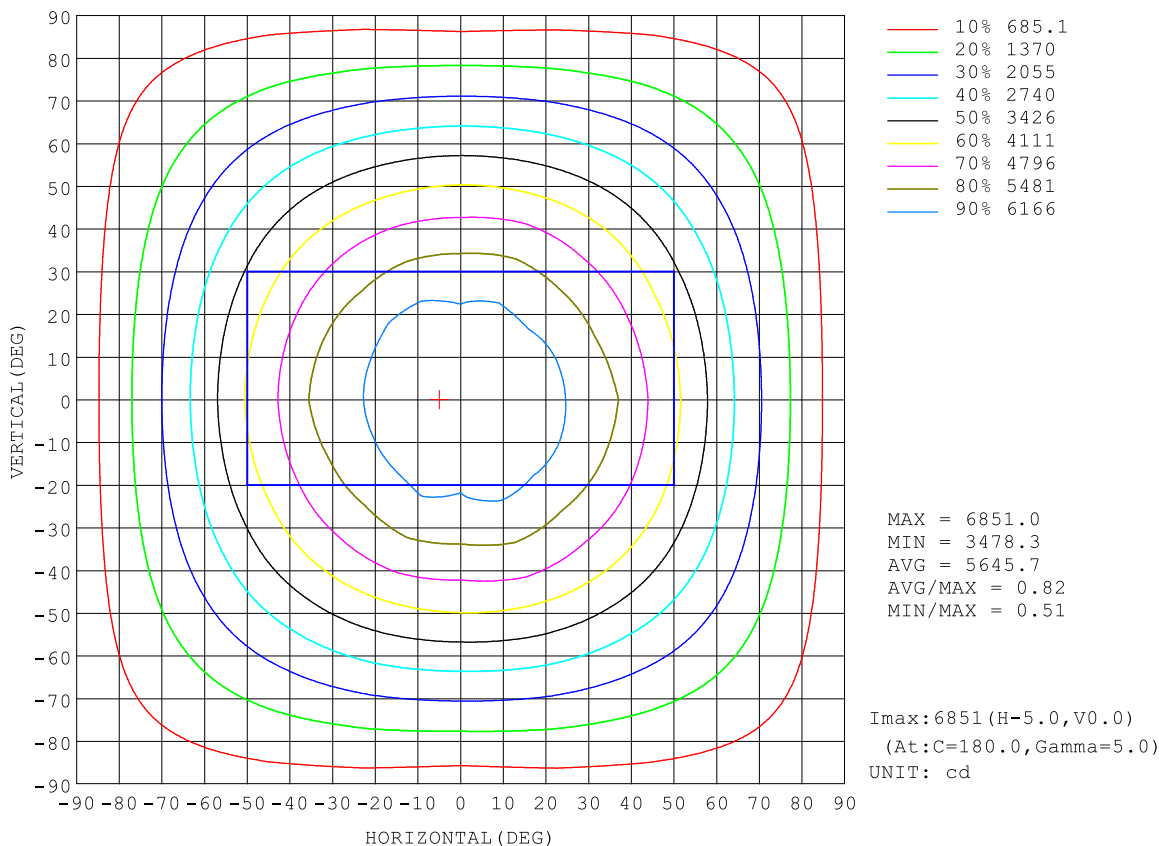
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	43	36	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	74	62	54	72	61	54	70	63	53	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	81	72	66	58
2.00	93	83	76	91	82	76	87	80	74	65
2.50	97	88	82	94	87	81	90	84	79	70
3.00	100	92	86	98	91	85	93	88	83	74
4.00	104	98	93	102	96	91	97	92	88	79
5.00	107	101	97	104	99	95	99	95	92	82
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: 25.3°C
Operators: DAMIN
Test Date: 2024-05-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.224*0.224	Shielding Angle:



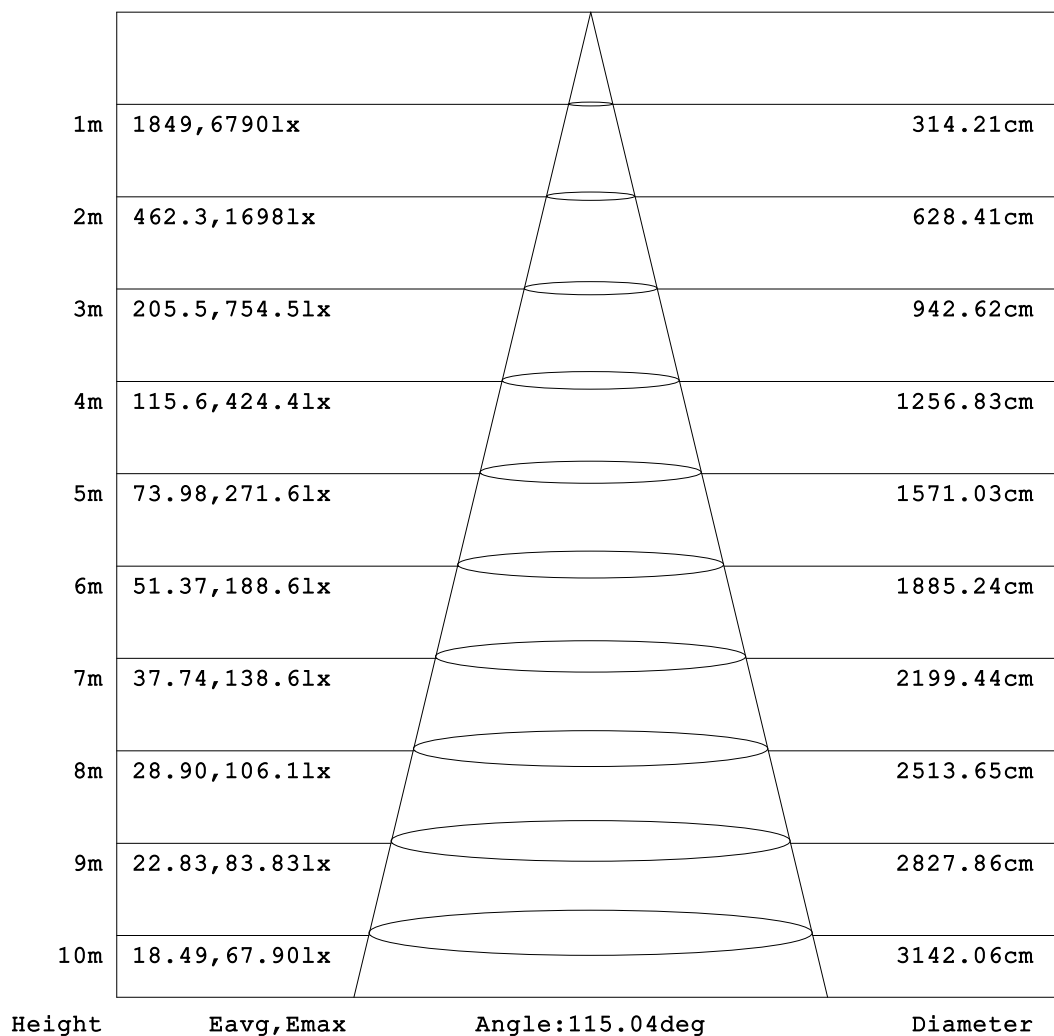
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-05-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.224*0.224	Shielding Angle:

Flux out:14880 lm



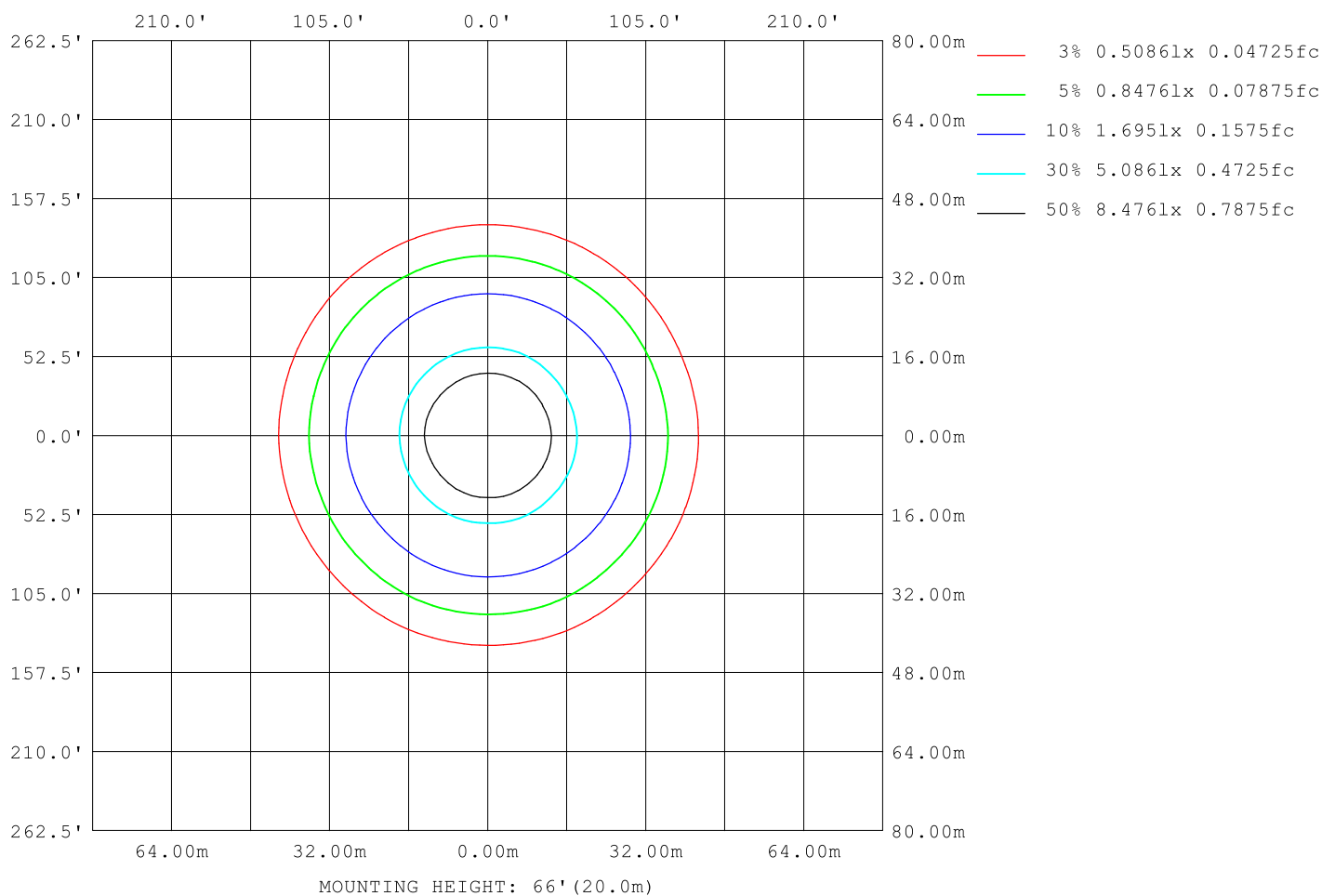
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-05-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.224*0.224	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-05-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.224*0.224	Shielding Angle:

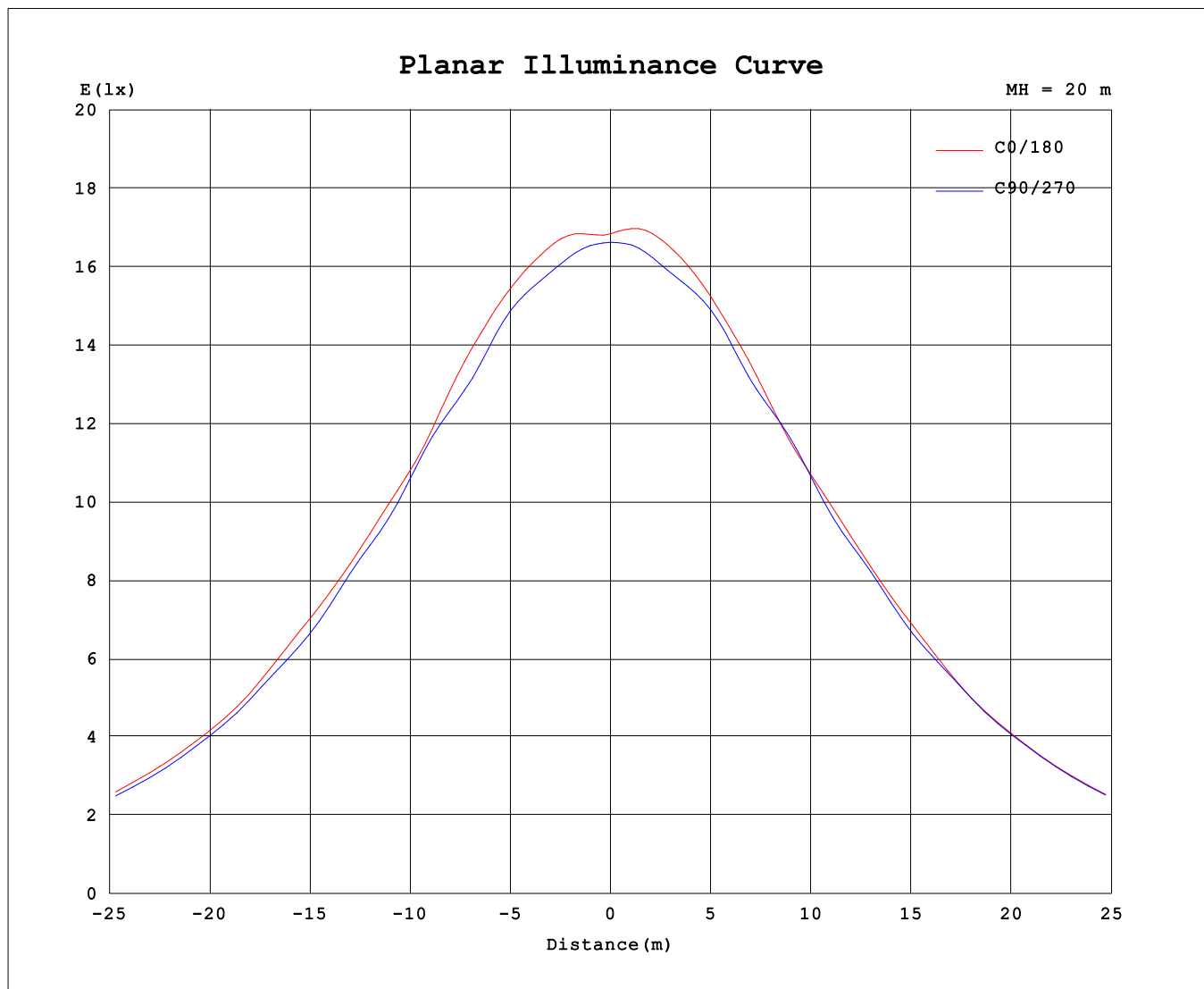
AvgL	cd/m2
L_0~180 (65) av	122007
L_0~180 (75) av	120820
L_0~180 (85) av	151185
L_90~270 (65) av	124613
L_90~270 (75) av	127605
L_90~270 (85) av	175788
L_45 (65) av	123024
L_45 (75) av	126591
L_45 (85) av	184011

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2024-05-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2024-05-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
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:120.22V I:1.2654A P:151.84W PF:0.9981 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21104.5x1 lm		
NAME: 1000017247 TS-GCP1515-150W-C-H-TP-XXX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.224*0.224	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	6663	6663	6663	6663	6663	6663	6663	6663	6663	6663	6663	6663	6663	6663	6663	6663			
5	6738	6729	6692	6625	6632	6715	6768	6774	6774	6773	6763	6717	6637	6625	6696	6737			
10	6743	6710	6722	6628	6560	6689	6647	6628	6718	6629	6634	6685	6559	6595	6720	6691			
15	6671	6451	6615	6613	6494	6612	6580	6401	6561	6405	6554	6605	6511	6594	6615	6432			
20	6479	6407	6438	6371	6210	6300	6360	6361	6305	6354	6382	6276	6219	6364	6431	6404			
25	6064	6133	6124	6184	6071	6171	6091	5976	5964	5941	6113	6156	6091	6167	6108	6145			
30	5826	5821	5856	5764	5686	5711	5723	5768	5772	5753	5682	5697	5702	5751	5890	5815			
35	5535	5504	5428	5531	5373	5462	5343	5400	5460	5419	5372	5447	5415	5520	5431	5482			
40	5171	5127	5024	5077	5016	5020	4972	5019	5039	5030	4955	5018	5049	5068	5038	5097			
45	4658	4624	4604	4664	4572	4586	4519	4534	4574	4512	4566	4572	4603	4657	4602	4620			
50	4228	4196	4160	4143	4110	4085	4079	4100	4124	4087	4082	4098	4147	4167	4186	4179			
55	3677	3678	3636	3650	3616	3609	3568	3589	3589	3583	3597	3622	3652	3652	3655	3670			
60	3161	3154	3133	3140	3106	3108	3072	3065	3062	3059	3101	3122	3148	3154	3164	3142			
65	2620	2620	2605	2639	2612	2612	2559	2553	2536	2548	2594	2631	2654	2660	2641	2621			
70	2086	2098	2105	2141	2118	2123	2079	2055	2034	2053	2110	2152	2166	2172	2144	2109			
75	1580	1603	1622	1653	1626	1647	1618	1579	1547	1580	1645	1678	1677	1692	1668	1617			
80	1091	1134	1176	1206	1166	1207	1182	1128	1077	1127	1207	1237	1214	1241	1220	1149			
85	661	720	783	812	745	813	790	721	657	721	812	845	787	841	822	739			
90	393	433	455	448	398	448	455	427	383	428	473	467	420	460	474	442			
95	263	253	191	143	152	145	191	248	259	252	209	159	165	152	197	251			
100	151	125	53.5	24.3	24.3	24.4	50.4	123	154	129	63.8	28.7	28.6	28.5	53.8	124			
105	49.8	30.6	25.5	25.7	26.1	26.1	26.0	29.7	54.2	35.8	30.8	30.7	30.6	30.4	30.4	32.1			
110	27.0	27.1	27.3	27.3	27.2	27.5	27.8	27.7	33.0	33.1	33.3	33.1	32.8	32.8	32.8	32.6			
115	29.2	29.6	29.4	29.4	29.3	29.5	30.0	30.3	35.5	36.1	36.5	36.2	35.4	35.9	36.1	35.6			
120	36.1	34.0	32.1	31.8	31.8	32.0	32.6	34.6	43.3	41.3	40.4	41.0	41.5	41.2	40.1	40.4			
125	41.8	39.1	34.7	34.5	34.6	34.7	35.1	39.5	49.2	46.8	42.1	46.4	47.8	46.7	41.7	45.7			
130	46.0	40.9	37.7	37.5	37.6	37.7	38.0	40.9	53.8	48.5	44.1	46.1	52.4	47.3	43.5	47.2			
135	41.3	41.0	40.9	40.9	41.1	41.0	41.2	41.5	48.8	48.0	46.6	46.3	47.2	46.4	46.0	47.0			
140	44.3	44.1	44.1	44.2	44.1	44.1	44.4	44.7	50.5	49.6	49.3	49.0	48.3	48.9	48.9	48.8			
145	47.4	47.2	47.2	47.3	47.2	47.2	47.4	47.8	51.1	51.8	51.7	51.5	51.0	51.5	51.4	51.3			
150	50.0	49.8	49.8	50.0	49.9	49.7	50.1	50.6	53.5	54.2	54.1	53.9	53.4	53.9	53.9	53.8			
155	52.6	52.3	52.4	52.7	52.3	52.2	52.6	53.1	56.3	56.7	56.9	56.5	56.1	56.4	56.7	56.4			
160	55.3	55.1	55.3	55.5	55.1	55.0	55.6	55.9	58.6	58.9	59.2	58.7	58.5	58.6	59.0	58.7			
165	58.0	57.9	58.1	58.2	57.9	57.7	58.3	58.6	60.6	60.7	61.1	60.7	60.4	60.5	61.0	60.7			
170	60.0	59.9	60.1	60.3	59.9	59.8	60.3	60.6	61.7	61.6	62.2	61.7	61.5	61.6	62.1	61.7			
175	61.1	61.1	61.3	61.4	61.0	61.0	61.4	61.7	62.1	62.0	62.6	62.1	61.9	61.9	62.6	62.2			
180	62.1	62.3	62.6	62.4	61.8	61.9	62.5	62.5	62.3	62.1	62.7	62.3	62.0	61.8	62.5	62.4			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-05-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	6663	6663	6663	6663	6663	6663	6663	6663	6663	6663
3.0	6684	6670	6651	6639	6655	6696	6727	6739	6742	6739
6.0	6756	6757	6715	6620	6614	6718	6773	6773	6774	6769
9.0	6752	6749	6742	6622	6567	6700	6692	6681	6735	6681
12.0	6724	6602	6661	6630	6555	6668	6581	6515	6669	6520
15.0	6671	6451	6615	6613	6494	6612	6580	6401	6561	6405
18.0	6568	6403	6563	6498	6301	6440	6504	6387	6422	6386
21.0	6414	6403	6354	6314	6189	6254	6286	6311	6231	6296
24.0	6150	6226	6160	6214	6128	6204	6137	6057	6010	6024
27.0	5954	5955	6059	6046	5892	6009	5961	5873	5898	5849
30.0	5826	5821	5856	5764	5686	5711	5723	5768	5772	5753
33.0	5648	5658	5609	5645	5559	5586	5514	5571	5596	5575
36.0	5476	5421	5335	5436	5274	5372	5256	5313	5389	5338
39.0	5275	5191	5095	5144	5078	5095	5037	5086	5146	5107
42.0	4929	4958	4878	4949	4832	4876	4825	4843	4812	4827
45.0	4658	4624	4604	4664	4572	4586	4519	4534	4574	4512
48.0	4408	4375	4344	4354	4294	4289	4267	4292	4305	4266
51.0	4131	4102	4049	4035	4020	3984	3967	4003	4025	3997
54.0	3782	3795	3728	3753	3712	3712	3660	3700	3689	3696
57.0	3476	3470	3441	3448	3409	3403	3371	3375	3383	3368
60.0	3161	3154	3133	3140	3106	3108	3072	3065	3062	3059
63.0	2836	2828	2813	2841	2809	2812	2760	2751	2748	2749
66.0	2507	2516	2502	2539	2511	2513	2460	2451	2434	2448
69.0	2188	2200	2201	2239	2215	2219	2172	2150	2131	2149
72.0	1880	1898	1909	1944	1918	1931	1894	1862	1835	1864
75.0	1580	1603	1622	1653	1626	1647	1618	1579	1547	1580
78.0	1283	1316	1349	1377	1343	1376	1352	1304	1262	1305
81.0	996.9	1045	1092	1126	1083	1127	1100	1042	987.5	1040
84.0	737.3	796.1	858.4	893.0	828.0	894.5	867.2	797.1	732.8	795.0
87.0	528.6	586.2	639.0	654.6	587.6	654.8	643.9	585.0	522.4	584.7
90.0	393.1	433.5	455.0	447.8	398.0	447.7	454.8	427.4	382.9	428.5
93.0	310.5	320.3	292.8	260.3	244.4	261.2	292.3	314.1	302.9	315.1
96.0	241.2	223.4	153.7	88.57	106.5	90.07	152.8	218.7	238.4	223.6
99.0	173.7	147.4	72.17	23.93	23.88	24.05	69.29	144.6	175.2	151.5
102.0	107.8	84.10	25.19	25.02	25.02	25.20	25.32	82.85	111.7	89.18
105.0	49.75	30.57	25.53	25.73	26.14	26.11	25.96	29.75	54.21	35.77
108.0	26.20	26.42	26.53	26.63	26.44	26.89	27.00	26.92	32.05	32.14
111.0	27.36	27.47	27.66	27.59	27.88	27.88	28.20	28.10	33.52	33.67
114.0	28.73	28.81	28.98	28.94	28.87	29.11	29.55	29.52	35.03	35.27
117.0	32.13	31.25	30.45	30.33	30.29	30.46	31.03	31.96	39.18	38.24
120.0	36.06	34.05	32.05	31.84	31.81	31.96	32.57	34.60	43.25	41.34
123.0	39.62	37.09	33.73	33.45	33.43	33.55	34.12	37.54	47.01	44.62
126.0	42.80	40.06	35.26	35.11	35.17	35.24	35.61	40.54	50.28	47.88
129.0	45.37	41.91	37.06	36.91	37.01	37.04	37.38	41.88	53.26	49.65
132.0	43.93	39.32	39.02	38.87	38.96	38.99	39.35	39.72	50.99	46.77
135.0	41.27	41.00	40.91	40.86	41.08	40.96	41.24	41.49	48.82	47.99
138.0	43.05	42.84	42.85	42.93	42.97	42.87	43.18	43.46	50.59	49.06
141.0	44.89	44.69	44.72	44.78	44.74	44.70	45.01	45.33	50.01	49.99
144.0	46.82	46.53	46.64	46.71	46.59	46.56	46.89	47.23	50.87	51.46
147.0	48.38	48.18	48.19	48.44	48.20	48.18	48.44	48.89	51.90	52.63
150.0	50.00	49.80	49.82	50.05	49.85	49.71	50.09	50.56	53.47	54.18
153.0	51.49	51.27	51.34	51.57	51.30	51.20	51.59	52.06	55.33	55.79
156.0	53.08	52.84	52.93	53.22	52.86	52.78	53.18	53.69	56.80	57.14
159.0	54.79	54.55	54.76	54.92	54.58	54.43	55.02	55.41	58.13	58.52
162.0	56.44	56.21	56.50	56.61	56.29	56.12	56.74	57.11	59.44	59.69
165.0	58.02	57.85	58.10	58.19	57.85	57.75	58.30	58.60	60.56	60.65
168.0	59.48	59.27	59.48	59.71	59.31	59.22	59.71	59.97	61.36	61.29
171.0	60.30	60.10	60.43	60.60	60.18	60.11	60.61	60.84	61.76	61.67
174.0	60.89	60.83	61.10	61.25	60.82	60.78	61.25	61.52	62.02	61.92
177.0	61.57	61.70	62.08	61.84	61.34	61.51	62.01	62.08	62.26	62.02
180.0	62.10	62.25	62.56	62.38	61.83	61.92	62.49	62.51	62.35	62.05
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	6663	6663	6663	6663	6663	6663				
3.0	6727	6698	6663	6663	6662	6682				
6.0	6767	6719	6614	6613	6716	6760				
9.0	6682	6697	6563	6593	6737	6732				
12.0	6559	6661	6560	6603	6666	6583				
15.0	6554	6605	6511	6594	6615	6432				
18.0	6503	6432	6320	6488	6560	6395				
21.0	6316	6225	6198	6308	6344	6399				
24.0	6166	6183	6140	6203	6143	6232				
27.0	5948	6010	5924	6030	6056	5963				
30.0	5682	5697	5702	5751	5890	5815				

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2024-05-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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]

33.0	5516	5552	5583	5642	5643	5643
36.0	5281	5375	5316	5413	5328	5397
39.0	5024	5107	5109	5125	5100	5161
42.0	4824	4857	4868	4948	4894	4935
45.0	4566	4572	4603	4657	4602	4620
48.0	4276	4275	4339	4378	4351	4366
51.0	3982	3998	4051	4055	4073	4084
54.0	3689	3723	3751	3757	3750	3783
57.0	3403	3421	3449	3457	3461	3459
60.0	3101	3122	3148	3154	3164	3142
63.0	2793	2830	2852	2860	2848	2829
66.0	2495	2534	2557	2563	2540	2518
69.0	2205	2246	2264	2268	2242	2209
72.0	1922	1961	1968	1980	1951	1908
75.0	1645	1678	1677	1692	1668	1617
78.0	1380	1407	1394	1414	1396	1331
81.0	1124	1156	1127	1160	1135	1061
84.0	885.8	927.4	873.6	924.7	897.7	813.6
87.0	664.4	682.0	622.6	676.1	670.3	600.9
90.0	472.6	467.0	420.1	460.3	473.6	441.8
93.0	308.4	273.9	259.1	266.8	302.5	320.4
96.0	162.1	104.4	121.6	97.51	146.4	220.7
99.0	83.32	28.31	28.23	28.15	72.37	145.9
102.0	31.40	29.46	29.35	29.24	29.20	83.88
105.0	30.80	30.68	30.56	30.44	30.39	32.13
108.0	32.24	32.03	31.86	31.76	31.76	31.55
111.0	33.83	33.64	33.33	33.37	33.32	33.08
114.0	35.74	35.36	34.92	35.05	35.33	34.77
117.0	38.26	37.80	37.64	37.73	37.74	37.38
120.0	40.37	41.05	41.49	41.15	40.06	40.44
123.0	41.50	44.29	45.40	44.48	41.27	43.57
126.0	42.51	47.36	48.86	47.70	41.98	46.75
129.0	43.74	47.39	51.79	48.67	43.15	48.27
132.0	45.09	45.02	50.51	45.37	44.49	45.89
135.0	46.65	46.33	47.22	46.44	46.05	46.99
138.0	48.26	47.97	47.30	48.00	47.82	48.05
141.0	49.70	49.45	48.76	49.37	49.34	49.27
144.0	51.32	51.08	50.53	51.05	50.97	50.92
147.0	52.60	52.36	51.82	52.33	52.34	52.23
150.0	54.13	53.93	53.39	53.87	53.92	53.79
153.0	55.92	55.59	55.17	55.52	55.72	55.48
156.0	57.32	56.90	56.62	56.87	57.10	56.92
159.0	58.82	58.24	57.98	58.22	58.51	58.26
162.0	60.03	59.49	59.31	59.45	59.87	59.52
165.0	61.12	60.70	60.43	60.54	61.03	60.68
168.0	61.87	61.40	61.18	61.28	61.78	61.37
171.0	62.34	61.83	61.62	61.72	62.26	61.83
174.0	62.54	62.01	61.86	61.92	62.58	62.17
177.0	62.73	62.19	61.82	61.95	62.71	62.38
180.0	62.73	62.33	61.97	61.77	62.49	62.42

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-05-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity: 65.0%
 Test Distance: 7.100m [K=1.0000]
 Remarks: