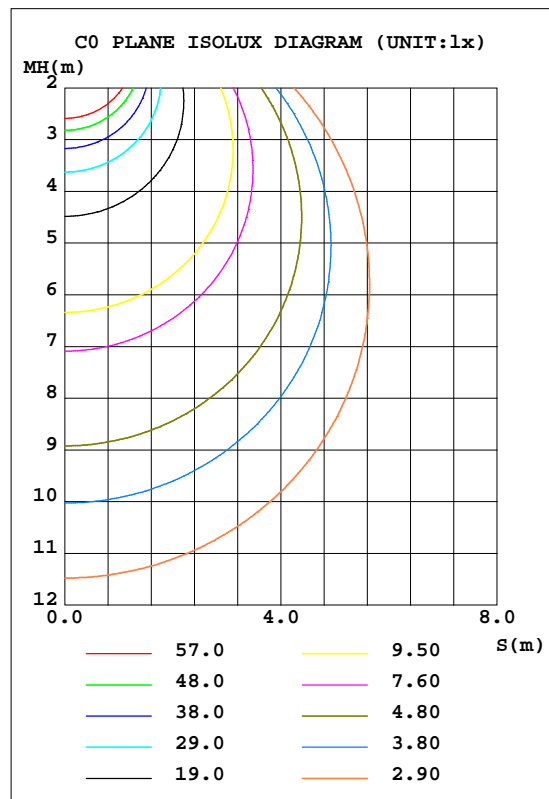
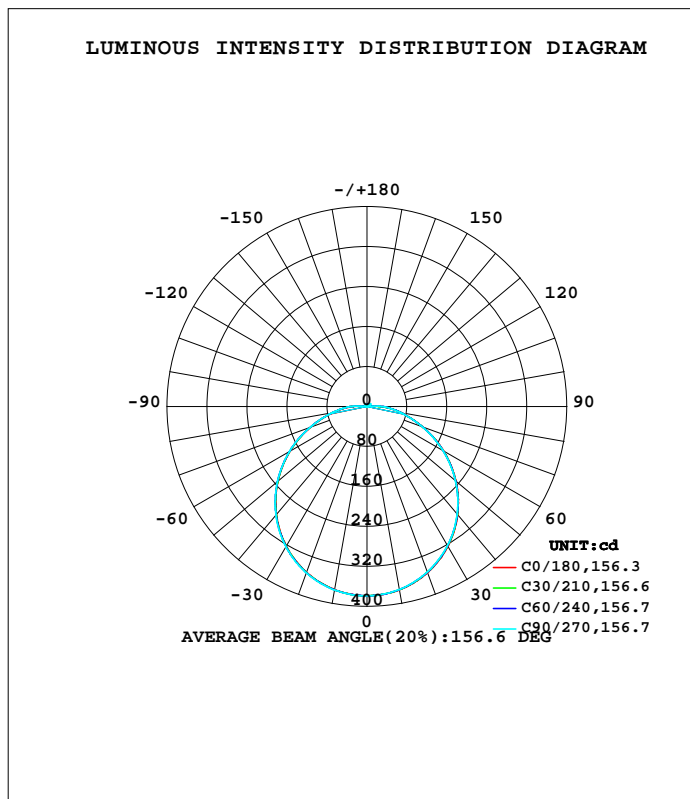


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.07V I:0.1395A P:15.439W PF:0.9218 Freq:59.98Hz Lamp Flux:1194.89x1 lm		
NAME: DLS6-MCT-PIR	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: LiBo	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	DLS6-MCT-PIR	Imax(cd)	379.2	S/MH(C0/180)	1.27
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1194.9	h UP, DN(C0-180)	1.3,48.6
NOMINAL FLUX(lm)	1194.89	CIE CLASS	DIRECT	h UP, DN(C180-360)	1.3,48.9
LAMPS INSIDE	1	h up(%)	2.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	97.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	372.5	372.4	371.8	372.3	372.0	372.2	372.8	373.0	0- 10	35.85	35.85	3,3
20	353.8	353.3	352.6	353.3	353.5	353.3	354.4	354.7	10- 20	102.9	138.8	11.6,11.6
30	323.6	323.0	322.1	322.4	323.1	322.9	324.6	324.2	20- 30	156.6	295.4	24.7,24.7
40	282.7	282.2	281.0	281.4	282.1	282.1	283.7	283.2	30- 40	190.1	485.5	40.6,40.6
50	232.6	232.5	231.1	231.9	232.7	232.9	234.1	233.3	40- 50	199.3	684.8	57.3,57.3
60	176.6	177.2	175.3	176.5	177.4	177.1	178.8	177.2	50- 60	183.5	868.3	72.7,72.7
70	118.0	118.9	116.8	118.2	119.2	118.7	120.3	118.7	60- 70	146.3	1015	84.9,84.9
80	67.62	68.91	67.09	68.25	67.85	68.84	70.00	68.92	70- 80	97.27	1112	93.1,93.1
90	30.53	31.43	30.55	30.58	29.08	29.86	32.03	31.41	80- 90	52.42	1164	97.4,97.4
100	6.239	1.434	4.791	1.694	1.235	1.405	4.664	1.395	90-100	14.34	1179	98.6,98.6
110	3.329	2.151	1.615	2.192	3.150	1.817	1.926	1.735	100-110	2.084	1181	98.8,98.8
120	4.466	4.292	4.092	3.851	4.020	3.682	4.352	4.018	110-120	3.120	1184	99.1,99.1
130	6.477	2.180	6.690	2.737	6.185	1.641	5.714	2.623	120-130	4.138	1188	99.4,99.4
140	3.397	1.870	6.279	1.473	2.983	1.307	4.687	1.349	130-140	3.224	1191	99.7,99.7
150	2.378	1.533	3.584	2.090	2.951	1.769	3.171	2.243	140-150	1.552	1193	99.8,99.8
160	2.219	2.347	2.548	2.326	2.147	2.123	2.307	2.249	150-160	1.200	1194	99.9,99.9
170	2.195	1.584	1.105	2.249	0.9654	0.9472	2.410	1.037	160-170	0.7847	1195	100,100
180	1.140	1.221	1.145	1.216	1.146	1.221	1.145	1.216	170-180	0.1223	1195	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.07V I:0.1395A P:15.439W PF:0.9218 Freq:59.98Hz Lamp Flux:1194.89x1 lm										
NAME: DLS6-MCT-PIR					TYPE:			WEIGHT:		
SPEC.:15W					DIM.:			SERIAL No.:		
MFR.: LiBo					SUR.:			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	11.5	13.1	11.9	13.3	13.6	11.5	13.0	11.8	13.3	13.5
3H	13.3	14.7	13.6	15.0	15.2	13.2	14.6	13.5	14.9	15.2
4H	14.0	15.4	14.4	15.7	16.0	13.9	15.3	14.3	15.6	15.9
6H	14.8	16.0	15.1	16.4	16.7	14.7	16.0	15.1	16.3	16.6
8H	15.1	16.4	15.5	16.7	17.1	15.0	16.3	15.4	16.6	17.0
12H	15.5	16.7	15.9	17.1	17.4	15.4	16.6	15.8	17.0	17.3
4H 2H	12.2	13.5	12.5	13.8	14.1	12.1	13.5	12.5	13.8	14.1
3H	14.1	15.3	14.5	15.6	16.0	14.0	15.2	14.4	15.6	15.9
4H	15.0	16.1	15.4	16.5	16.9	15.0	16.0	15.4	16.4	16.8
6H	15.9	16.9	16.4	17.3	17.7	15.9	16.8	16.3	17.2	17.7
8H	16.4	17.3	16.9	17.7	18.2	16.3	17.2	16.8	17.6	18.1
12H	16.9	17.7	17.4	18.2	18.6	16.8	17.6	17.3	18.1	18.5
8H 4H	15.4	16.3	15.8	16.7	17.2	15.3	16.2	15.8	16.6	17.1
6H	16.5	17.3	17.0	17.7	18.2	16.5	17.2	17.0	17.7	18.2
8H	17.1	17.8	17.6	18.3	18.8	17.1	17.8	17.6	18.2	18.7
12H	17.8	18.4	18.3	18.9	19.4	17.7	18.3	18.3	18.8	19.4
12H 4H	15.4	16.3	15.9	16.7	17.2	15.4	16.2	15.8	16.7	17.1
6H	16.7	17.4	17.2	17.8	18.3	16.6	17.3	17.1	17.8	18.3
8H	17.4	18.0	17.9	18.5	19.0	17.3	17.9	17.8	18.4	18.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

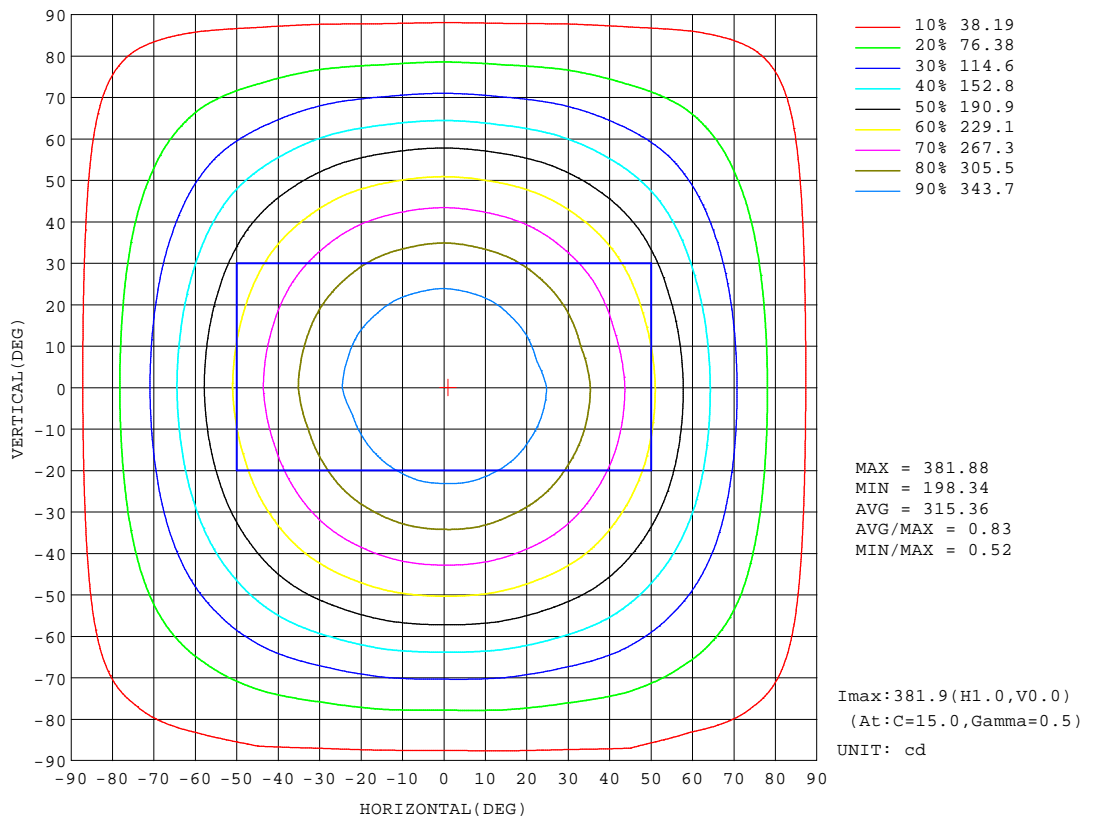
CIE Pub.117, 1195 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.6)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.07V I:0.1395A P:15.439W PF:0.9218 Freq:59.98Hz Lamp Flux:1194.89x1 lm		
NAME: DLS6-MCT-PIR	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: LiBo	SUR.:	Shielding Angle:



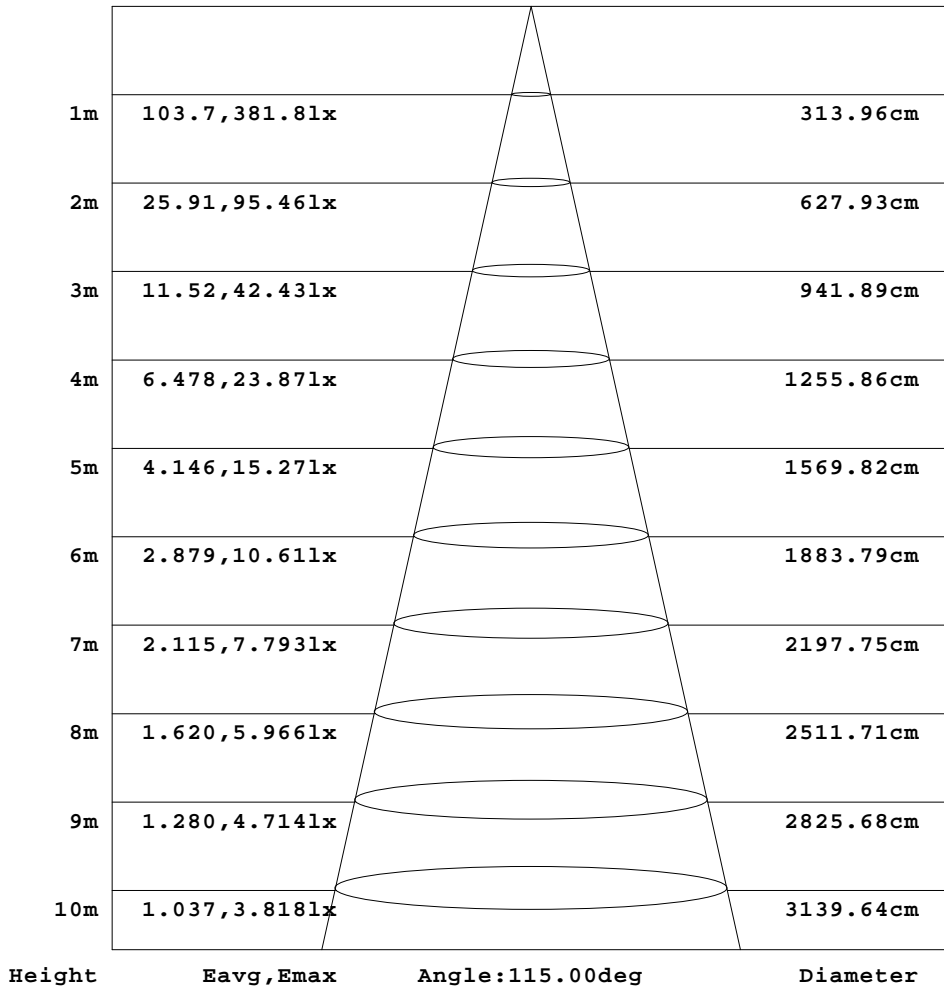
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.07V I:0.1395A P:15.439W PF:0.9218 Freq:59.98Hz Lamp Flux:1194.89x1 lm		
NAME: DLS6-MCT-PIR	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: LiBo	SUR.:	Shielding Angle:

Flux out:834.0 lm



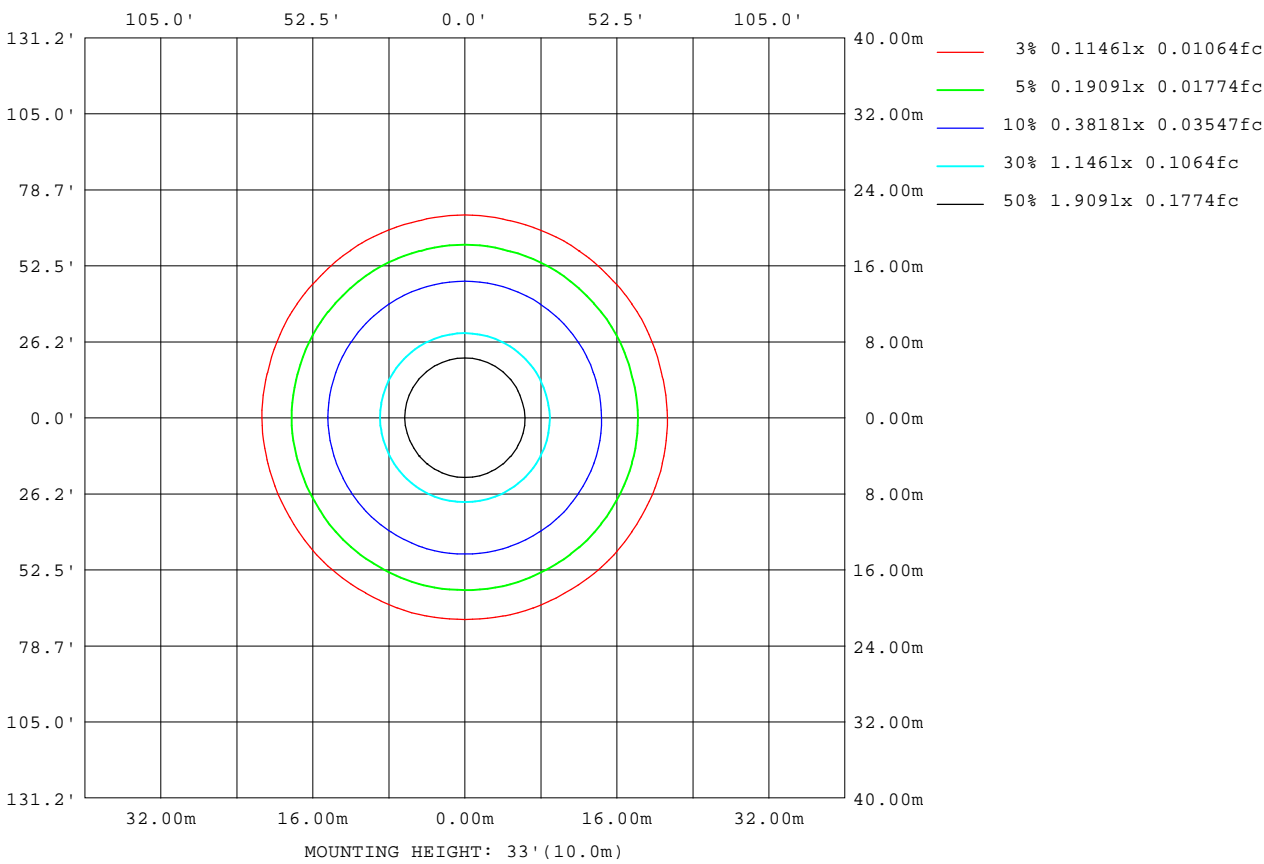
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.07V I:0.1395A P:15.439W PF:0.9218 Freq:59.98Hz Lamp Flux:1194.89x1 lm		
NAME: DLS6-MCT-PIR	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: LiBo	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.07V I:0.1395A P:15.439W PF:0.9218 Freq:59.98Hz Lamp Flux:1194.89x1 lm		
NAME: DLS6-MCT-PIR	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: LiBo	SUR.:	Shielding Angle:

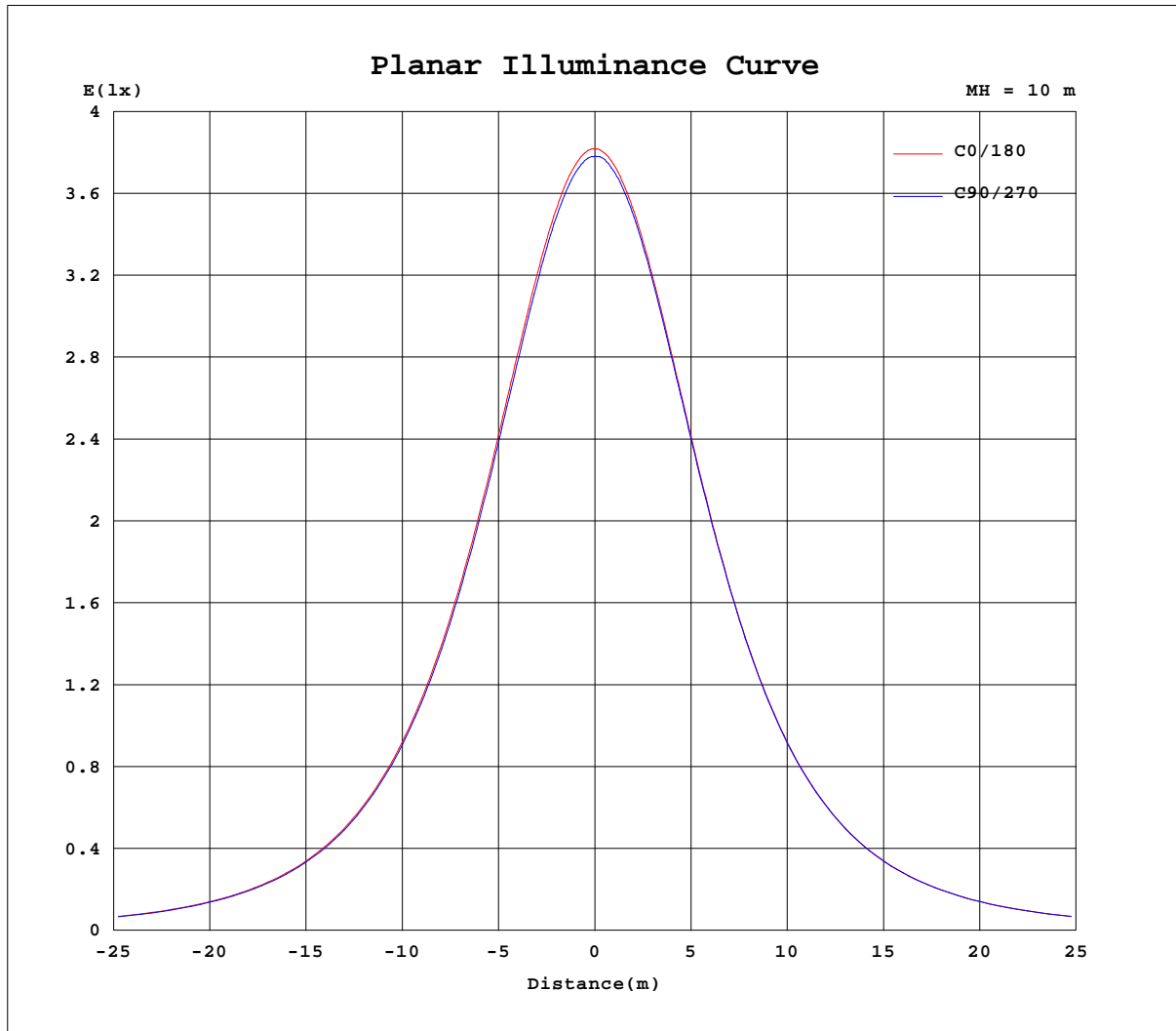
AvgL	cd/m2
L_0~180(65)av	699
L_0~180(75)av	705
L_0~180(85)av	1085
L_90~270(65)av	699
L_90~270(75)av	708
L_90~270(85)av	1101
L_45(65)av	699
L_45(75)av	706
L_45(85)av	1103

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 3.010m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.07V I:0.1395A P:15.439W PF:0.9218 Freq:59.98Hz Lamp Flux:1194.89x1 lm		
NAME: DLS6-MCT-PIR	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: LiBo	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	379	379	379	379	379	379	379	379	379	379	379	379	379	379	379	379	379	379	379
5	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377
10	373	373	372	372	372	372	372	372	372	372	372	372	372	372	372	372	373	373	373
15	365	365	364	365	364	364	364	364	364	364	364	364	364	364	365	364	365	365	365
20	354	354	353	353	353	353	353	353	352	353	353	353	354	354	354	353	354	354	354
25	340	341	339	339	339	339	339	339	339	339	339	339	340	339	340	339	340	340	341
30	324	324	323	323	322	323	322	322	322	322	322	322	323	323	323	323	324	324	325
35	305	305	304	304	303	304	303	303	302	303	303	303	304	304	304	304	305	304	305
40	283	283	282	282	281	282	281	281	281	281	281	282	282	282	282	282	283	283	284
45	258	259	258	258	257	258	257	258	257	258	257	258	258	258	259	258	260	259	260
50	233	234	232	233	231	232	231	232	231	232	231	232	233	232	233	233	234	233	234
55	205	206	205	205	204	205	204	204	204	205	204	205	206	205	206	205	207	206	207
60	177	178	176	177	176	177	175	177	175	176	176	177	177	177	178	177	178	177	179
65	147	149	147	148	147	148	146	147	146	147	146	148	148	148	149	148	149	148	149
70	118	119	118	119	117	118	117	118	117	118	117	119	119	118	120	119	120	119	120
75	90.7	92.3	90.7	91.8	90.3	91.6	90.0	91.1	89.5	90.9	89.8	91.4	91.8	91.1	92.9	91.5	93.2	91.9	93.2
80	67.6	68.5	67.9	68.9	68.1	68.1	67.1	67.7	67.4	68.2	67.2	67.5	67.9	67.8	69.1	68.8	69.9	69.1	70.0
85	47.4	46.7	46.5	48.2	47.3	47.7	46.9	47.3	46.7	47.2	46.4	46.0	47.2	47.6	48.6	48.3	48.8	48.3	49.0
90	30.5	22.1	25.1	31.4	30.9	31.1	30.5	30.7	30.3	30.6	25.6	21.3	29.1	30.3	30.9	29.9	31.1	31.2	32.0
95	18.2	12.3	13.0	6.03	8.65	11.4	11.8	11.3	6.25	1.83	9.79	9.10	16.5	10.7	10.5	4.42	6.36	9.83	12.1
100	6.24	3.91	1.05	1.43	5.75	6.54	4.79	6.44	6.07	1.69	1.10	1.21	1.23	1.08	0.91	1.41	6.22	6.71	4.66
105	2.17	2.04	1.69	1.41	1.41	1.21	1.19	1.40	1.40	1.72	1.69	1.87	1.85	1.89	1.34	1.33	1.19	1.20	1.23
110	3.33	3.15	2.78	2.15	1.98	1.82	1.61	1.78	1.84	2.19	2.53	3.00	3.15	2.72	2.16	1.82	1.88	1.96	1.93
115	3.77	3.71	3.55	3.42	3.01	2.72	2.73	3.10	2.97	3.16	3.57	3.80	3.45	2.93	2.80	2.89	2.65	2.84	2.83
120	4.47	4.04	4.01	4.29	4.52	4.17	4.09	3.80	4.09	3.85	4.39	4.22	4.02	3.70	3.42	3.68	4.08	4.36	4.35
125	5.70	5.16	4.27	4.54	5.59	5.51	5.23	4.42	5.04	3.05	4.43	4.99	5.36	5.21	3.66	3.38	4.69	5.03	5.11
130	6.48	6.38	5.27	2.18	4.87	6.61	6.69	5.94	4.68	2.74	5.02	5.72	6.19	5.70	3.92	1.64	2.81	5.30	5.71
135	5.34	4.30	3.32	1.88	4.77	7.26	7.67	6.60	4.68	1.88	3.03	4.65	5.04	4.45	2.89	1.29	2.63	4.96	4.67
140	3.40	3.41	2.34	1.87	4.07	5.95	6.28	5.98	2.89	1.47	1.50	3.18	2.98	2.87	1.33	1.31	3.69	4.57	4.69
145	2.18	1.80	1.55	1.51	2.92	4.47	5.35	4.65	2.33	1.44	1.55	1.43	1.30	1.28	1.46	1.21	2.98	3.28	3.41
150	2.38	1.93	1.46	1.53	2.10	1.91	3.58	2.02	1.39	2.09	2.02	1.38	2.95	1.50	1.68	1.77	1.99	2.15	3.17
155	2.39	3.98	3.73	2.81	2.84	2.06	2.85	2.65	2.31	1.76	3.31	2.53	2.53	2.17	2.32	2.31	2.95	3.11	2.35
160	2.22	3.28	2.39	2.35	4.61	4.76	2.55	3.31	3.16	2.33	2.93	3.76	2.15	3.47	2.88	2.12	4.05	4.45	2.31
165	3.68	2.58	2.55	2.63	3.07	2.77	2.21	2.24	3.66	2.35	1.67	1.08	2.29	4.47	4.36	2.20	1.52	1.21	3.27
170	2.20	1.41	1.21	1.58	2.19	1.98	1.11	1.32	2.32	2.25	1.96	1.05	0.97	1.36	1.43	0.95	0.98	1.93	2.41
175	1.13	1.16	1.21	1.20	1.15	1.12	1.11	1.12	1.17	1.14	1.06	1.07	1.01	0.99	0.99	1.04	1.06	1.04	1.04
180	1.14	1.15	1.18	1.22	1.19	1.15	1.14	1.14	1.16	1.22	1.18	1.14	1.15	1.15	1.18	1.22	1.19	1.15	1.14

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.07V I:0.1395A P:15.439W PF:0.9218 Freq:59.98Hz Lamp Flux:1194.89x1 lm		
NAME: DLS6-MCT-PIR	TYPE:	WEIGHT:
SPEC.:15W	DIM.:	SERIAL No.:
MFR.: LiBo	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345															
0	379	379	379	379	379															
5	377	377	378	378	377															
10	373	373	373	373	373															
15	365	365	365	365	365															
20	354	355	355	355	354															
25	340	341	341	341	340															
30	324	324	324	324	323															
35	305	305	305	305	304															
40	283	284	283	284	283															
45	259	260	259	260	258															
50	233	234	233	234	233															
55	206	207	206	206	205															
60	177	178	177	178	177															
65	148	149	148	149	147															
70	119	120	119	120	118															
75	91.7	92.9	91.5	92.7	90.8															
80	69.3	70.0	68.9	69.0	67.8															
85	48.6	49.1	48.7	49.0	48.0															
90	31.6	31.9	31.4	31.8	31.3															
95	9.61	6.22	5.66	13.3	13.7															
100	6.66	5.93	1.40	0.89	3.11															
105	1.36	1.36	1.63	1.22	1.59															
110	1.94	1.87	1.74	1.95	2.65															
115	3.11	3.15	3.06	3.25	3.36															
120	4.10	3.94	4.02	4.29	4.22															
125	4.96	4.84	3.58	5.29	5.13															
130	5.57	3.61	2.62	4.09	5.94															
135	4.79	4.20	1.90	2.72	4.20															
140	4.99	2.89	1.35	1.97	3.02															
145	3.38	3.03	1.91	1.33	1.53															
150	2.53	2.14	2.24	1.25	2.37															
155	2.89	2.31	2.85	2.01	2.02															
160	3.44	3.79	2.25	3.45	3.50															
165	4.70	2.78	2.59	3.18	2.85															
170	2.38	2.09	1.04	2.04	2.14															
175	1.03	1.04	1.11	1.13	1.11															
180	1.14	1.16	1.22	1.18	1.14															

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-27

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks: