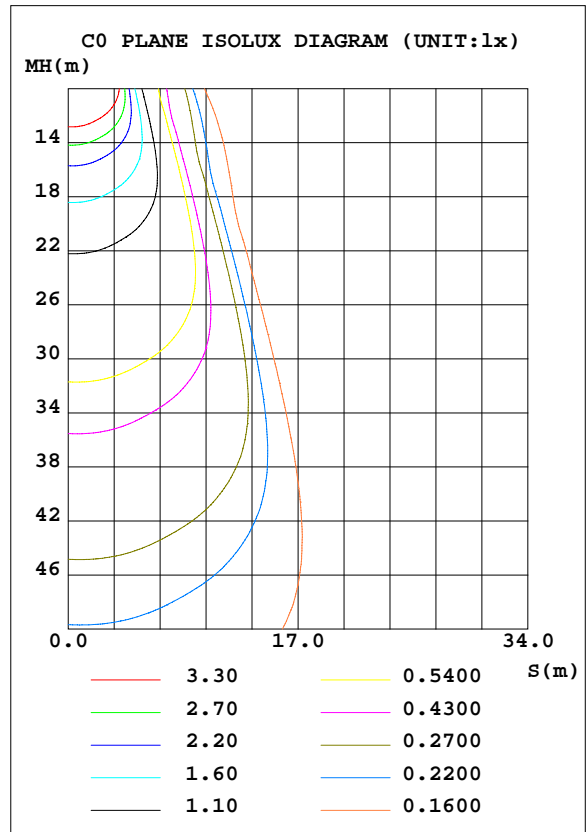
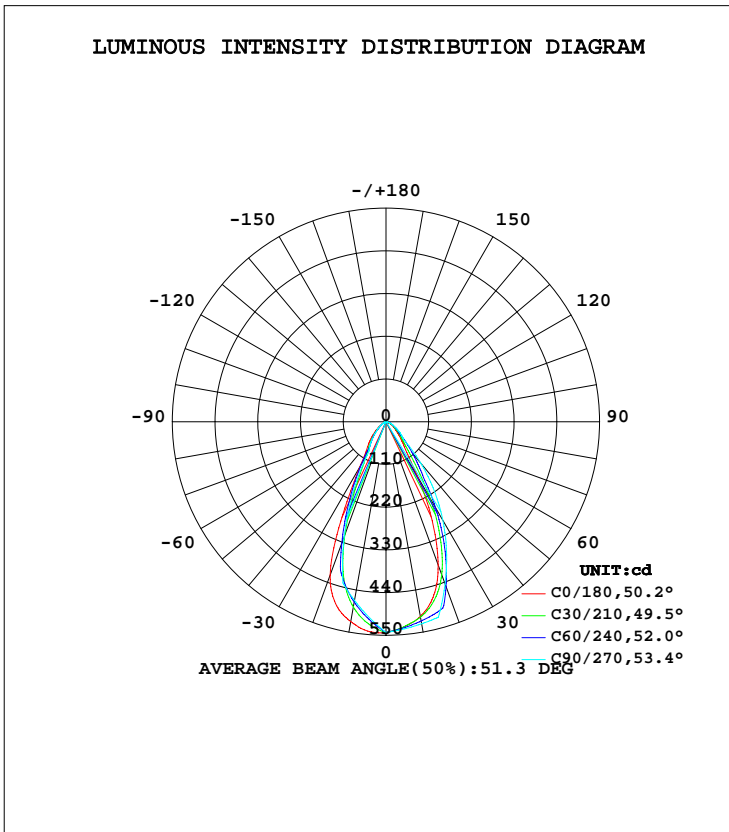


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	Sagitta-8W-3000k	Imax(cd)	543.8	S/MH(C0/180)	0.73
NOMINAL POWER(W)	8	LOR(%)	319.8	S/MH(C90/270)	0.68
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	447.88	η UP, DN(C0-180)	0.0,131.7
NOMINAL FLUX(lm)	140.054	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,188.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	227.9	η down(%)	319.8	CIBSE SHR MAX	0.75



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [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
5	541.1	515.4	505.1	508.5	530.4	531.0	535.5	537.5	0- 5	12.70	12.70	2.84,9.07
10	522.4	475.7	467.4	466.7	509.3	515.6	528.2	524.3	5- 10	36.59	49.29	11,35.2
15	490.7	415.8	429.7	411.9	468.0	493.1	521.0	502.4	10- 15	57.10	106.4	23.8,76
20	420.8	320.5	315.9	338.7	392.8	456.3	445.1	468.4	15- 20	70.27	176.7	39.4,126
25	262.9	199.6	202.0	235.5	281.8	354.0	369.1	362.8	20- 25	69.43	246.1	54.9,176
30	135.5	116.9	88.17	144.8	161.9	238.6	293.2	235.2	25- 30	56.10	302.2	67.5,216
35	86.60	74.90	70.51	83.05	87.68	141.7	216.6	130.9	30- 35	40.09	342.3	76.4,244
40	65.21	52.43	52.85	52.06	62.56	81.69	139.9	79.21	35- 40	29.96	372.2	83.1,266
45	46.52	37.40	35.20	39.68	45.23	59.92	63.24	59.88	40- 45	22.64	394.9	88.2,282
50	31.78	23.96	26.51	29.29	33.31	43.10	50.71	44.11	45- 50	16.66	411.5	91.9,294
55	19.03	12.65	17.83	20.44	24.93	30.59	38.18	30.66	50- 55	12.79	424.3	94.7,303
60	11.16	8.164	9.145	13.82	18.32	23.01	25.64	20.91	55- 60	9.358	433.7	96.8,310
65	6.664	4.364	6.357	8.052	11.56	16.04	18.93	12.87	60- 65	6.398	440.1	98.3,314
70	2.817	1.954	3.570	4.295	6.914	10.50	12.22	7.303	65- 70	4.185	444.3	99.2,317
75	0.8949	0.9331	0.7825	2.341	3.716	6.478	5.508	3.897	70- 75	2.416	446.7	99.7,319
80	0.3665	0.1409	0	0.6012	1.411	2.637	0	1.015	75- 80	0.9943	447.7	100,320
85	0	0	0	0	0.6728	0	0	0	80- 85	0.1774	447.9	100,320
90	0	0	0	0	0	0	0	0	85- 90	0.0167	447.9	100,320
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

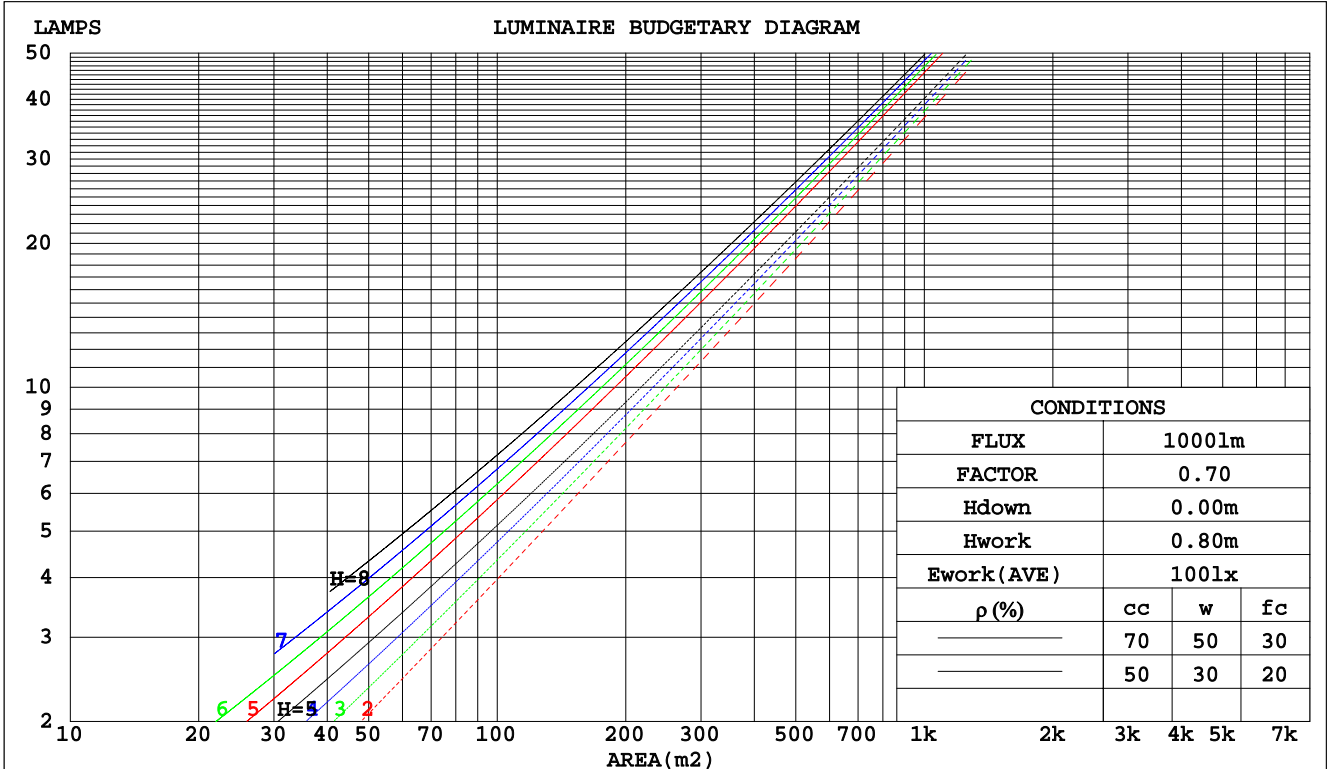
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc																
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	3.81	3.81	3.81	3.72	3.72	3.72	3.55	3.55	3.55	3.40	3.40	3.40	3.26	3.26	3.26	3.20
1.0	3.52	3.43	3.36	3.45	3.37	3.30	3.32	3.26	3.20	3.20	3.15	3.10	3.09	3.05	3.02	2.96
2.0	3.25	3.11	2.99	3.19	3.07	2.96	3.09	2.98	2.89	2.99	2.91	2.83	2.90	2.83	2.77	2.72
3.0	3.01	2.84	2.70	2.96	2.81	2.68	2.88	2.75	2.64	2.80	2.69	2.60	2.73	2.63	2.55	2.50
4.0	2.80	2.61	2.46	2.76	2.59	2.45	2.69	2.54	2.42	2.63	2.50	2.39	2.56	2.45	2.36	2.31
5.0	2.61	2.41	2.27	2.58	2.39	2.26	2.52	2.36	2.24	2.47	2.33	2.21	2.42	2.29	2.20	2.15
6.0	2.44	2.24	2.10	2.42	2.23	2.09	2.37	2.20	2.08	2.32	2.17	2.06	2.28	2.15	2.05	2.00
7.0	2.29	2.09	1.95	2.27	2.08	1.95	2.23	2.06	1.94	2.19	2.04	1.92	2.15	2.02	1.91	1.87
8.0	2.16	1.96	1.82	2.14	1.95	1.82	2.11	1.93	1.81	2.07	1.92	1.80	2.04	1.90	1.80	1.75
9.0	2.04	1.84	1.71	2.02	1.84	1.71	1.99	1.82	1.70	1.96	1.81	1.70	1.94	1.80	1.69	1.65
10.0	1.93	1.74	1.61	1.92	1.73	1.61	1.89	1.72	1.61	1.87	1.71	1.60	1.84	1.70	1.60	1.55



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DOBAC
Test Date: 2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity: 65.0%
Test Distance: 6.960m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION 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	.614	.349	.111	.592	.338	.107	.552	.316	.101	.514	.297	.095	.480	.278	.090	
2.0	.591	.324	.099	.572	.315	.097	.538	.299	.093	.506	.284	.089	.477	.270	.085	
3.0	.561	.299	.089	.546	.292	.088	.516	.280	.085	.489	.268	.082	.464	.257	.079	
4.0	.532	.276	.081	.518	.271	.080	.493	.261	.078	.469	.252	.076	.447	.243	.074	
5.0	.504	.257	.074	.492	.253	.074	.470	.245	.072	.449	.237	.070	.429	.229	.069	
6.0	.478	.240	.069	.468	.236	.068	.448	.230	.067	.430	.223	.066	.412	.217	.064	
7.0	.454	.224	.064	.445	.222	.063	.427	.216	.062	.411	.211	.061	.396	.206	.060	
8.0	.432	.211	.059	.424	.209	.059	.408	.204	.058	.394	.200	.058	.380	.195	.057	
9.0	.412	.199	.056	.405	.197	.055	.391	.193	.055	.378	.189	.054	.365	.186	.054	
10.0	.394	.189	.052	.387	.187	.052	.374	.183	.052	.363	.180	.051	.351	.177	.051	

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	.609	.609	.609	.521	.521	.521	.355	.355	.355	.204	.204	.204	.065	.065	.065	
1.0	.551	.503	.460	.471	.431	.395	.322	.297	.274	.185	.172	.159	.059	.055	.051	
2.0	.505	.423	.355	.433	.365	.307	.296	.252	.214	.171	.147	.125	.055	.047	.041	
3.0	.468	.363	.280	.401	.314	.243	.275	.218	.170	.159	.127	.100	.051	.041	.033	
4.0	.436	.317	.226	.374	.274	.196	.257	.191	.138	.149	.112	.082	.048	.036	.027	
5.0	.409	.280	.185	.351	.243	.161	.242	.169	.114	.140	.100	.068	.045	.032	.022	
6.0	.385	.251	.155	.331	.217	.135	.229	.152	.095	.133	.090	.057	.043	.029	.019	
7.0	.364	.227	.131	.313	.197	.114	.217	.138	.081	.126	.081	.048	.041	.027	.016	
8.0	.346	.207	.112	.298	.180	.098	.206	.126	.070	.120	.075	.041	.039	.024	.014	
9.0	.329	.191	.098	.283	.166	.085	.196	.116	.060	.114	.069	.036	.037	.023	.012	
10.0	.314	.177	.086	.270	.154	.075	.188	.108	.053	.109	.064	.032	.035	.021	.011	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DOBAC
 Test Date:2017-11-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
 Humidity:65.0%
 Test Distance:6.960m [K=1.0000]
 Remarks:

Uncorrected UGR Table

NAME: Sagitta-8W-3000k		TYPE:					WEIGHT:				
DIM.:		SPEC.:					SERIAL No.:				
MFR.: DOBAC		SUR.:					PROTECTION 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		14.6	15.6	14.8	15.8	15.9	14.1	15.1	14.3	15.3	15.5
	3H	14.6	15.5	14.8	15.7	15.9	14.2	15.1	14.5	15.3	15.5
	4H	14.5	15.4	14.8	15.6	15.8	14.1	15.0	14.4	15.3	15.5
	6H	14.4	15.2	14.7	15.5	15.7	14.1	14.9	14.4	15.1	15.4
	8H	14.4	15.2	14.7	15.4	15.7	14.0	14.8	14.3	15.1	15.3
	12H	14.3	15.1	14.6	15.3	15.6	14.0	14.7	14.3	15.0	15.3
	4H 2H	14.5	15.4	14.8	15.6	15.8	14.0	14.9	14.3	15.1	15.4
	3H	14.5	15.2	14.8	15.5	15.8	14.2	14.9	14.5	15.2	15.5
	4H	14.4	15.1	14.8	15.4	15.7	14.1	14.8	14.5	15.1	15.4
	6H	14.3	14.9	14.7	15.3	15.6	14.0	14.6	14.4	15.0	15.3
	8H	14.3	14.8	14.7	15.2	15.6	14.0	14.5	14.4	14.9	15.3
	12H	14.2	14.7	14.6	15.1	15.5	13.9	14.4	14.3	14.8	15.2
	8H 4H	14.3	14.8	14.7	15.2	15.6	14.0	14.6	14.4	14.9	15.3
	6H	14.2	14.7	14.6	15.0	15.5	13.9	14.4	14.3	14.8	15.2
	8H	14.1	14.5	14.6	15.0	15.4	13.8	14.2	14.3	14.7	15.1
	12H	14.1	14.4	14.6	14.9	15.3	13.8	14.1	14.3	14.6	15.0
	12H 4H	14.2	14.7	14.6	15.1	15.5	13.9	14.5	14.3	14.8	15.2
	6H	14.1	14.5	14.6	15.0	15.4	13.8	14.2	14.3	14.7	15.1
	8H	14.1	14.4	14.6	14.9	15.3	13.8	14.1	14.3	14.6	15.1
Variations with the observer position at spacings:											
S = 1.0H		+ 1.9 / - 3.0					+ 1.4 / - 2.2				
1.5H		+ 2.4 / - 2.7					+ 1.6 / - 1.8				
2.0H		+ 4.2 / - 4.5					+ 2.9 / - 5.0				

CIE Pub.117 Corrected 140.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -6.8)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DOBAC
Test Date: 2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity: 65.0%
Test Distance: 6.960m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

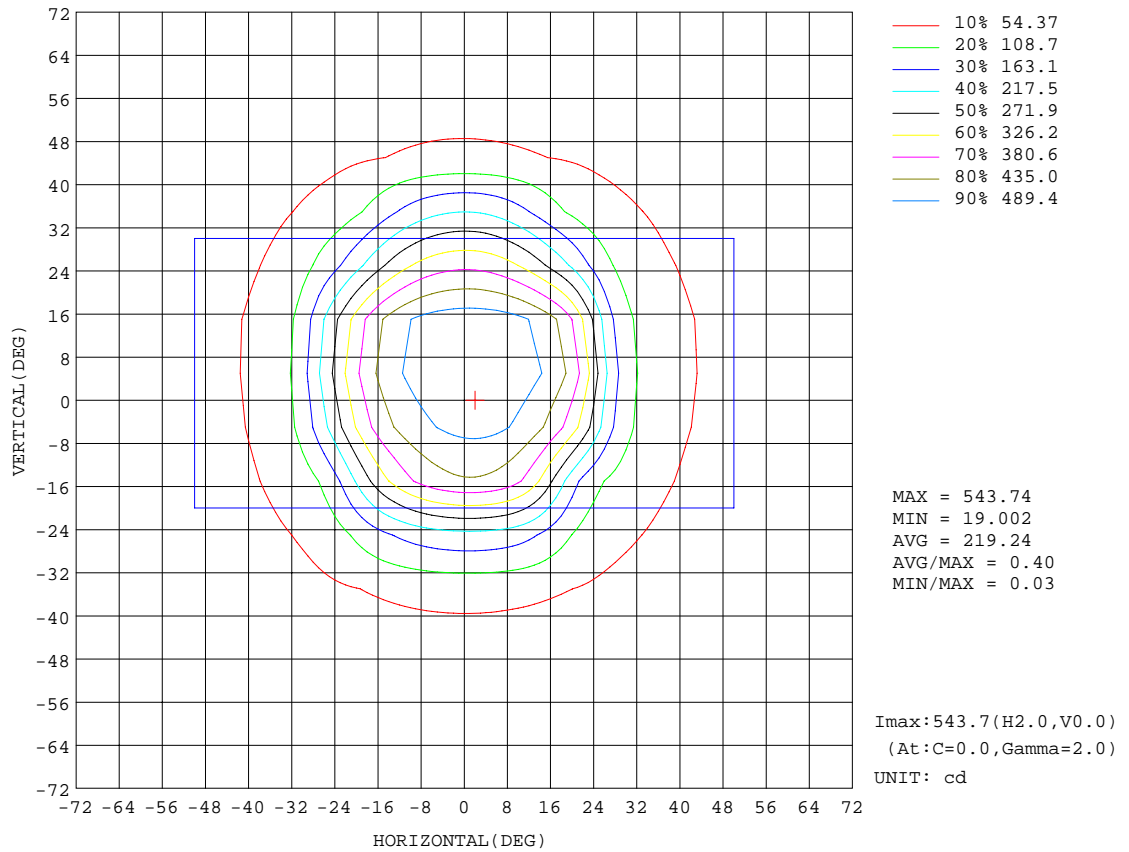
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	259	235	220	257	234	220	254	233	219	206
0.80	285	262	248	283	261	248	278	259	246	233
1.00	303	282	268	300	280	267	294	281	265	251
1.25	318	298	285	315	297	284	308	293	281	266
1.50	328	310	298	324	308	296	317	303	292	276
2.00	340	324	312	335	321	310	326	314	305	287
2.50	346	332	321	341	328	318	331	320	312	292
3.00	352	340	330	347	335	326	335	327	319	298
4.00	360	350	341	353	344	337	341	334	328	305
5.00	364	356	349	357	350	344	344	339	334	309
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

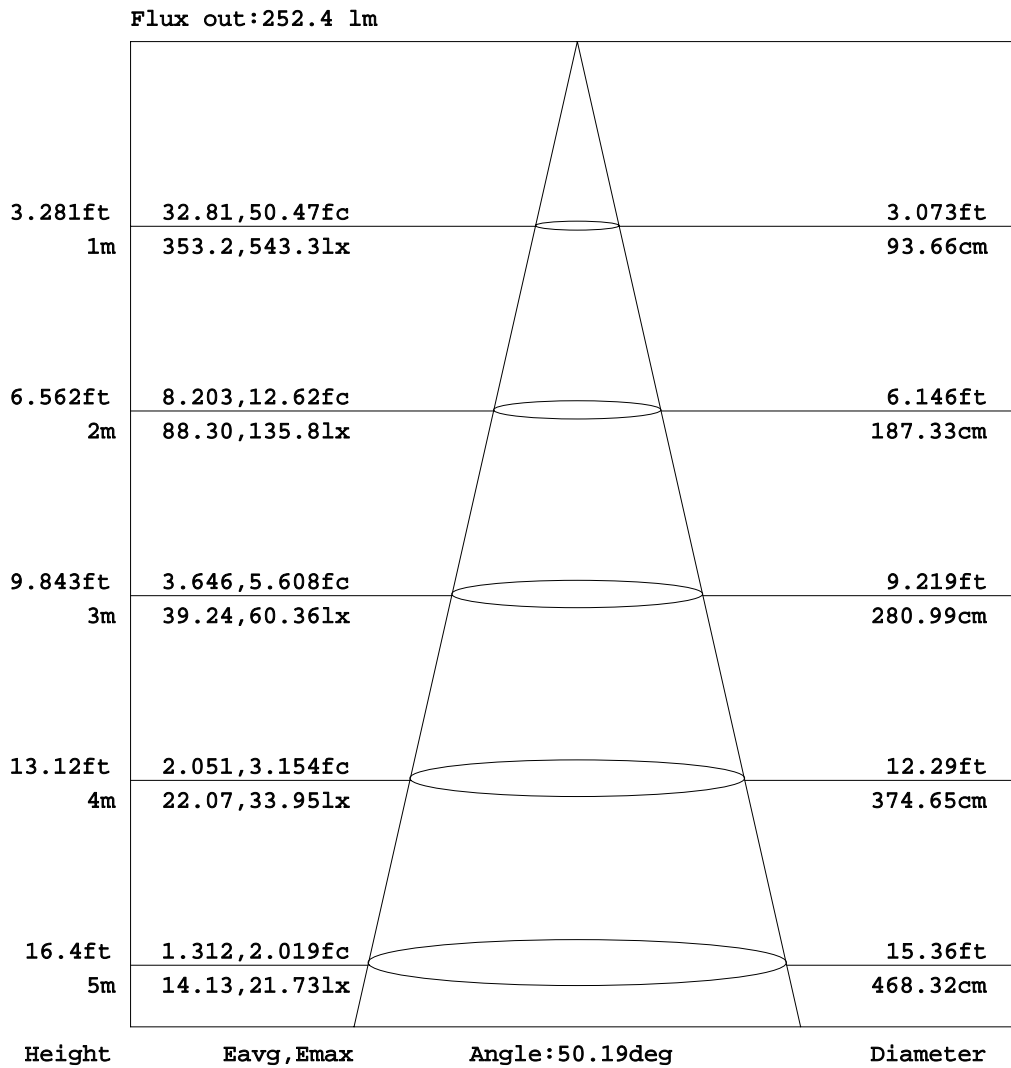


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DOBAC
 Test Date: 2017-11-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
 Humidity: 65.0%
 Test Distance: 6.960m [K=1.0000]
 Remarks:

AAI Figure

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:



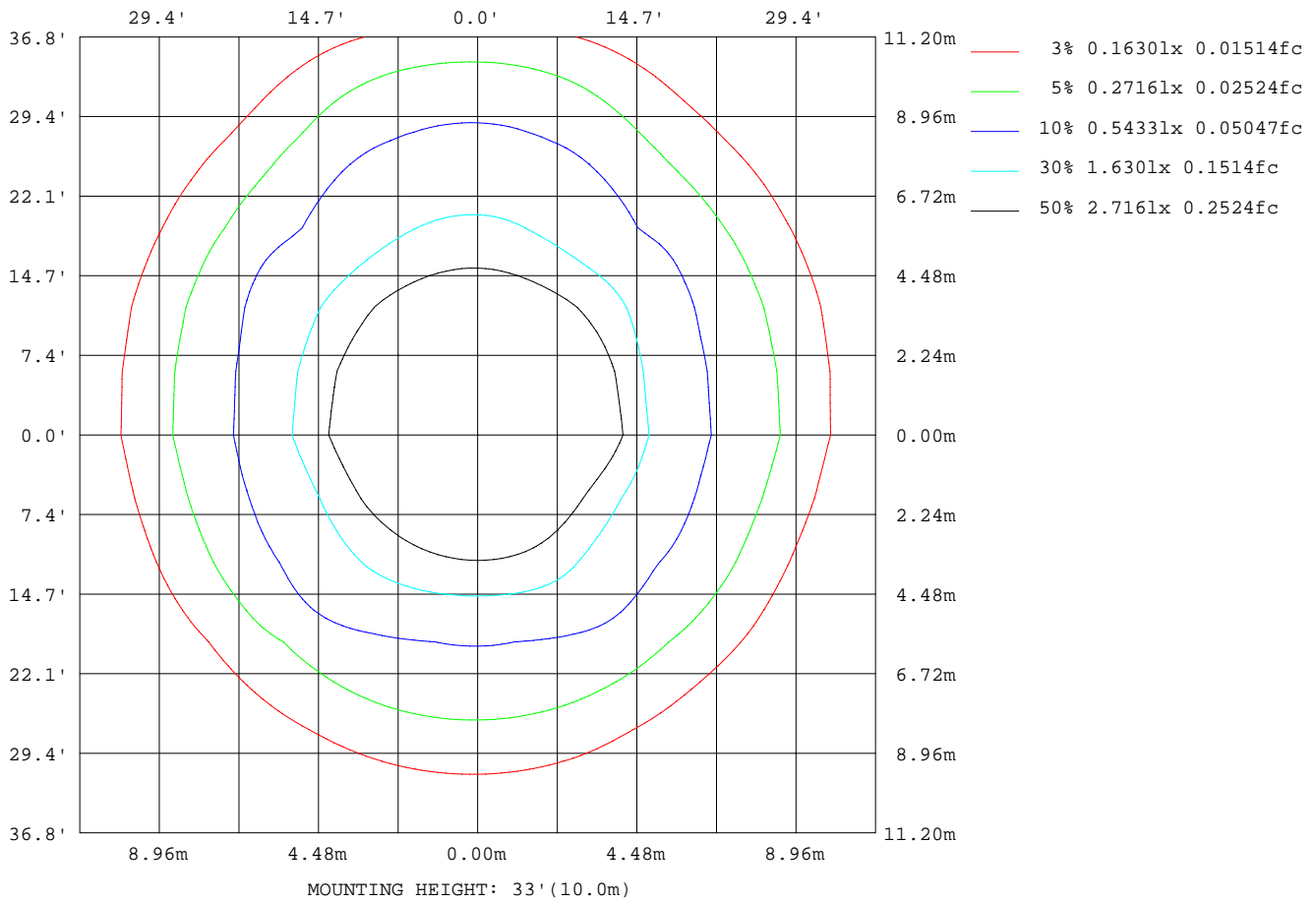
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DOBAC
Test Date: 2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity: 65.0%
Test Distance: 6.960m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DOBAC
 Test Date: 2017-11-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
 Humidity: 65.0%
 Test Distance: 6.960m [K=1.0000]
 Remarks:

Average Luminance Table(CIBSE)

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	140.054	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.006	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	5530	4822	4486	4321	4095	3892	4535	4929	5065	5181	5291	5442	5661	5901	6005	6259	6625	6921	7243
60	3722	3379	3142	2954	2702	2784	3014	2990	2914	3048	3249	3564	4019	4494	4601	4837	5360	5747	6106
65	2628	2246	2062	1883	1805	1602	1741	2009	2267	2507	2575	2543	2509	2839	3374	3572	4067	4360	4558
70	1373	999	892	1021	800	1056	1303	1460	1587	1740	1828	1880	1950	2041	2108	2625	3225	3448	3369
75	576	455	464	389	525	653	696	617	512	504	634	846	1098	1373	1603	1617	2181	2324	2393
80	352	201	212	210	118	160	140	73	20	0	25	105	240	437	767	1143	1087	1207	1354
85	0	39	69	0	0	0	0	0	0	0	0	0	0	0	0	0	926	1136	1287

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	7243	200	---	500
Category 2	65 to 90	4558	200	---	500
Category 3	75 to 90	2393	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	140.054	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.006	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	5530	4822	4486	4321	4095	3892	4535	4929	5065	5181	5291	5442	5661	5901	6005	6259	6625	6921	7243
60	3722	3379	3142	2954	2702	2784	3014	2990	2914	3048	3249	3564	4019	4494	4601	4837	5360	5747	6106
65	2628	2246	2062	1883	1805	1602	1741	2009	2267	2507	2575	2543	2509	2839	3374	3572	4067	4360	4558
70	1373	999	892	1021	800	1056	1303	1460	1587	1740	1828	1880	1950	2041	2108	2625	3225	3448	3369
75	576	455	464	389	525	653	696	617	512	504	634	846	1098	1373	1603	1617	2181	2324	2393
80	352	201	212	210	118	160	140	73	20	0	25	105	240	437	767	1143	1087	1207	1354
85	0	39	69	0	0	0	0	0	0	0	0	0	0	0	0	0	926	1136	1287

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m)			
		Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	7243	1000	1500	200	500
65 to 90	4558	1000	1500	200	500

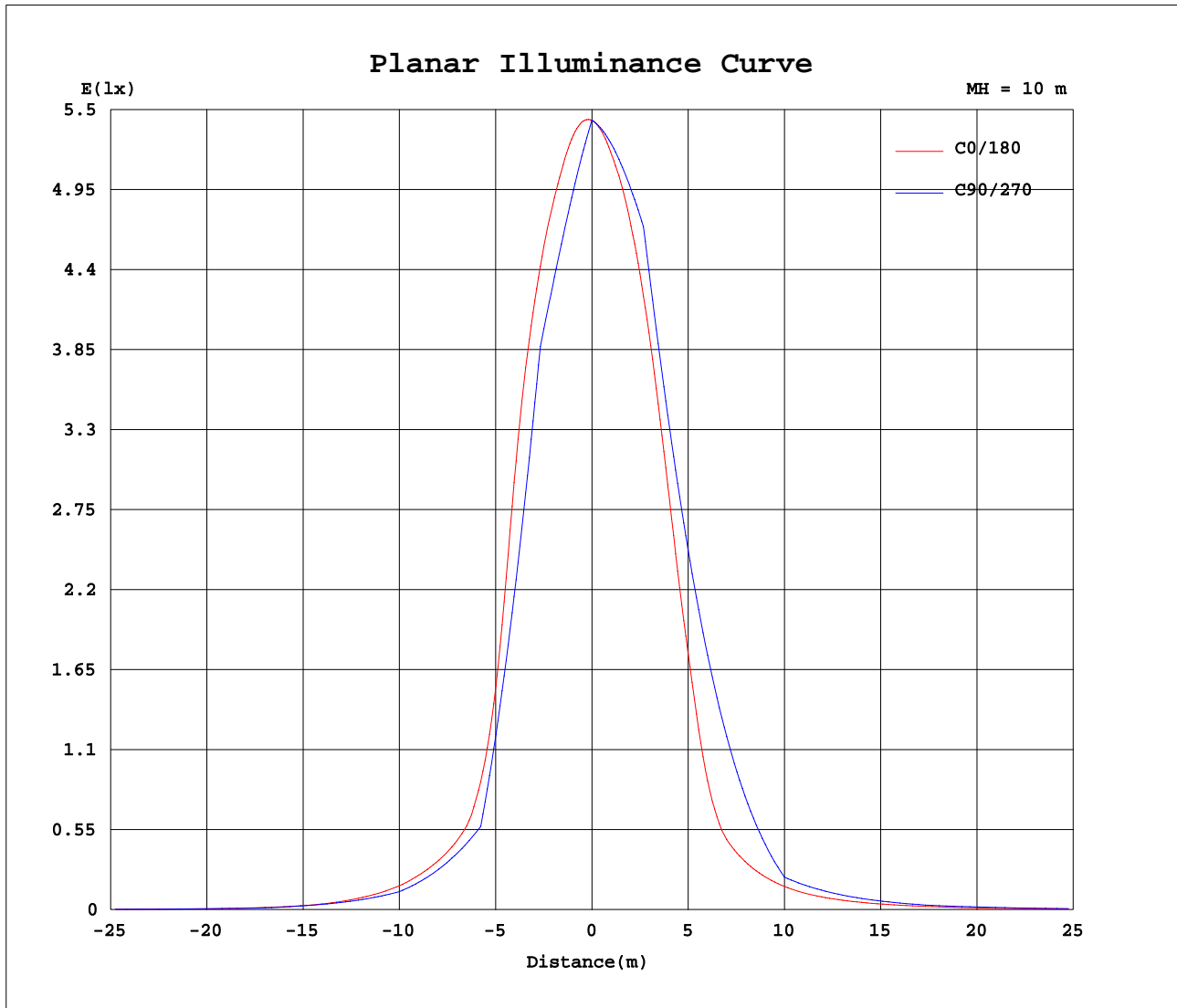
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

No match

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DOBAC
 Test Date: 2017-11-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
 Humidity: 65.0%
 Test Distance: 6.960m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION 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	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543
5	541	538	534	531	528	525	522	520	517	515	514	512	510	509	508	507	506	505	505
10	522	514	507	500	494	489	484	481	478	476	474	473	471	470	470	469	469	468	467
15	491	473	458	444	433	425	419	416	415	416	418	421	423	425	427	429	429	430	430
20	421	393	368	348	330	318	310	307	311	320	329	333	334	331	327	323	319	317	316
25	263	243	227	215	203	192	180	172	185	200	211	220	223	222	217	212	207	203	202
30	136	128	122	118	114	108	103	106	110	117	124	129	128	122	113	103	94.9	89.9	88.2
35	86.6	82.6	79.8	78.1	77.2	75.9	74.9	74.4	74.5	74.9	74.6	70.2	69.3	69.5	69.7	69.9	70.2	70.4	70.5
40	65.2	61.5	59.1	57.8	57.0	55.9	55.3	54.5	53.6	52.4	52.4	52.6	52.7	52.8	52.9	52.9	52.8	52.8	52.9
45	46.5	43.7	42.1	41.4	39.7	38.6	38.4	38.5	38.2	37.4	36.8	36.9	36.9	36.7	36.6	36.2	35.6	35.3	35.2
50	31.8	29.1	27.6	26.8	25.7	24.6	24.2	24.9	24.9	24.0	22.8	22.1	23.0	24.3	25.3	25.9	26.2	26.3	26.5
55	19.0	17.4	16.6	16.0	15.4	14.8	14.9	14.8	14.1	12.6	13.4	14.4	15.6	16.4	17.0	17.3	17.4	17.6	17.8
60	11.2	10.4	10.1	9.83	9.42	9.10	8.86	8.15	8.11	8.16	8.35	8.68	9.04	9.14	8.97	8.81	8.74	8.87	9.14
65	6.66	6.09	5.70	5.53	5.23	4.69	4.77	4.78	4.58	4.36	4.06	3.93	4.41	4.80	5.10	5.42	5.75	6.07	6.36
70	2.82	2.27	2.05	1.98	1.83	1.86	2.09	1.93	1.64	1.95	2.17	2.42	2.67	2.88	3.00	3.12	3.26	3.41	3.57
75	0.89	0.76	0.71	0.69	0.72	0.71	0.60	0.66	0.82	0.93	1.01	1.06	1.08	1.04	0.96	0.87	0.80	0.76	0.78
80	0.37	0.25	0.21	0.18	0.22	0.26	0.22	0.16	0.12	0.14	0.17	0.17	0.15	0.11	0.08	0.04	0.02	0.01	0.00
85	0.00	0.01	0.02	0.03	0.04	0.02	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
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

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION 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	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543
5	505	505	504	505	505	505	506	507	509	510	512	514	516	518	521	524	527	530	530
10	467	466	465	465	464	464	465	465	467	469	471	475	479	483	489	495	502	509	508
15	429	427	425	422	420	417	415	413	412	412	413	416	421	427	435	444	455	468	466
20	316	317	320	323	327	332	336	339	339	335	333	333	335	340	349	360	375	393	390
25	203	205	210	215	221	227	232	235	235	233	228	223	223	227	235	247	262	282	279
30	89.9	95.0	103	113	123	133	141	145	145	139	132	125	126	131	136	142	150	162	161
35	70.5	70.4	70.3	69.9	69.4	68.8	69.6	79.6	83.0	82.0	79.5	77.7	77.4	79.3	80.4	81.3	83.7	87.7	88.1
40	52.9	53.1	53.3	53.4	53.4	53.3	53.0	52.6	52.1	53.6	54.7	55.5	56.1	56.8	57.2	57.9	59.6	62.6	62.9
45	35.4	36.0	36.8	37.7	38.5	39.2	39.6	39.7	39.7	39.5	39.4	40.3	40.7	41.2	42.0	42.2	43.3	45.2	45.5
50	26.6	26.7	26.8	26.9	27.1	27.2	27.9	28.8	29.3	29.4	29.3	29.6	30.2	30.7	31.3	31.6	32.1	33.3	33.6
55	18.0	18.2	18.4	18.7	19.1	19.5	19.9	20.3	20.4	20.7	20.9	21.5	22.5	22.8	23.2	23.8	24.0	24.9	25.2
60	9.46	9.75	10.2	10.7	11.3	12.1	12.8	13.5	13.8	13.8	13.7	14.5	15.4	16.1	16.3	17.2	17.5	18.3	18.8
65	6.52	6.53	6.50	6.45	6.40	6.36	6.35	7.20	8.05	8.55	8.81	9.06	9.74	10.3	10.7	11.1	11.2	11.6	11.9
70	3.69	3.75	3.81	3.86	3.93	4.00	4.09	4.19	4.29	4.33	4.89	5.39	5.87	6.62	6.91	7.08	7.00	6.91	7.10
75	0.86	0.98	1.14	1.31	1.51	1.70	1.91	2.13	2.34	2.49	2.59	2.51	2.71	3.39	3.25	3.61	3.70	3.72	3.86
80	0.01	0.03	0.06	0.11	0.17	0.25	0.34	0.46	0.60	0.80	1.06	1.19	1.16	1.13	1.27	1.26	1.35	1.41	1.59
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.48	0.56	0.59	0.53	0.67	0.69
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

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Sagitta-8W-3000k	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543				
5	536	537	537	537	537	537	537	538	538	538	538	539	539	540	540				
10	529	528	528	527	526	525	524	523	522	521	520	520	520	520	521				
15	520	519	516	514	510	507	502	498	495	492	489	487	486	487	488				
20	447	449	451	456	461	469	468	458	448	438	430	422	417	415	416				
25	362	359	356	355	356	359	363	365	361	333	309	289	273	263	259				
30	272	261	251	244	241	240	235	225	209	191	170	153	142	136	134				
35	197	182	164	145	130	132	131	124	114	106	101	95.4	90.5	87.6	86.4				
40	130	122	110	98.8	88.6	82.1	79.2	78.8	76.3	73.9	72.4	71.6	68.8	66.2	65.0				
45	69.5	70.7	69.5	66.5	63.1	61.4	59.9	58.4	56.9	55.0	53.6	52.6	51.6	48.8	47.0				
50	48.4	47.2	46.2	45.2	44.7	44.6	44.1	42.8	41.4	41.0	39.3	37.4	35.8	33.8	32.1				
55	36.4	35.7	35.0	34.2	33.1	32.1	30.7	29.3	28.6	27.5	26.0	24.1	22.5	21.4	19.5				
60	24.6	24.5	24.2	23.7	23.0	22.3	20.9	19.3	17.3	16.4	15.4	14.0	12.8	12.0	11.2				
65	17.5	17.0	16.2	15.1	13.8	13.4	12.9	12.0	10.6	9.24	8.57	7.95	7.49	6.98	6.67				
70	11.4	11.2	10.6	9.87	8.95	8.10	7.30	6.55	5.85	5.18	4.73	4.08	3.82	3.41	3.08				
75	5.41	5.45	5.26	4.88	4.44	4.10	3.90	3.52	2.96	2.43	2.08	1.76	1.44	1.27	1.00				
80	0.33	0.56	0.76	0.89	0.92	0.93	1.01	0.99	1.08	1.07	0.78	0.58	0.55	0.51	0.43				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.08	0.00	0.00				
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				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DOBAC
Test Date: 2017-11-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity: 65.0%
Test Distance: 6.960m [K=1.0000]
Remarks: