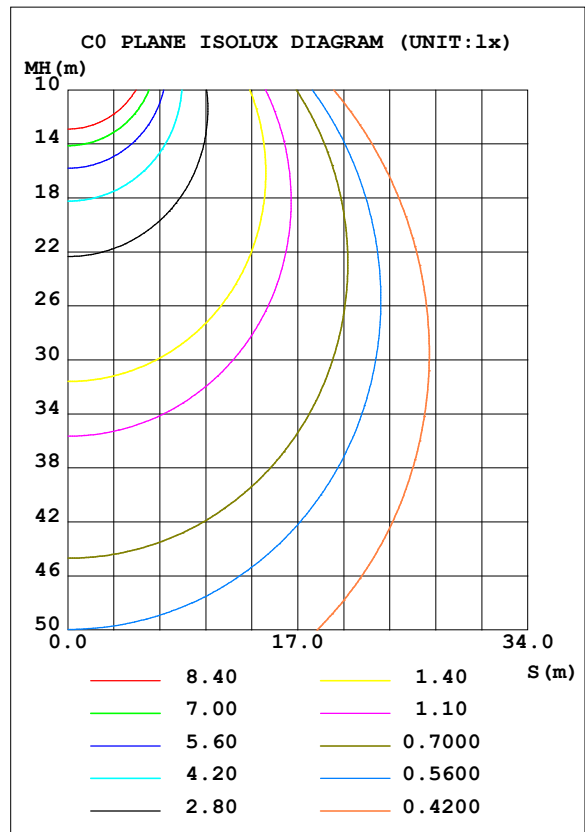
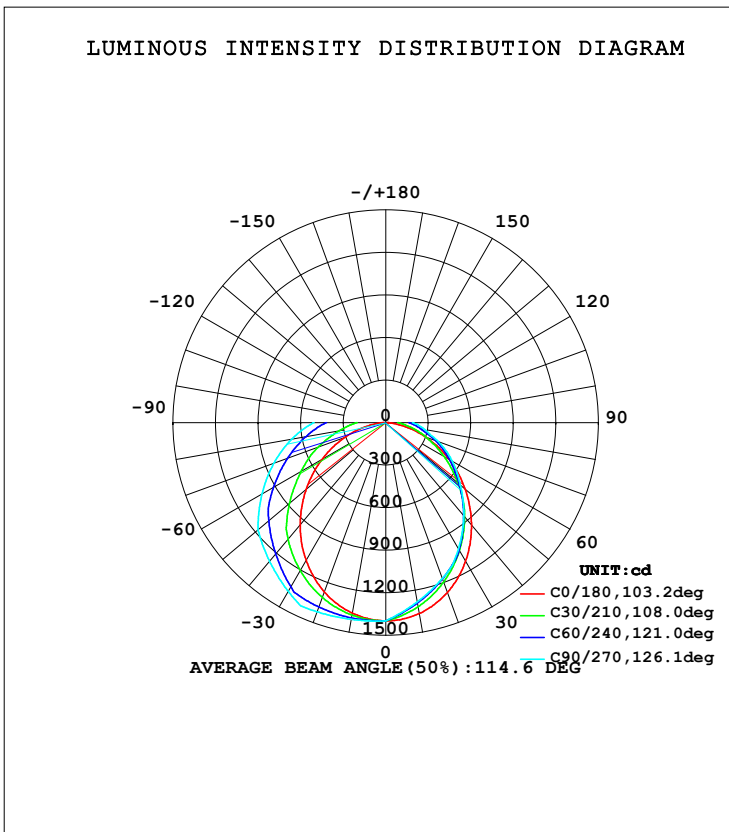


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.2833 A P:34 W PF:0.9941 Lamp Flux:4527 x1 lm		
NAME: ASD-LVP-FS-4D3450	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD lighting corp	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.15 lm/W			
MODEL	ASD-LVP-FS-4D3450	I _{max} (cd)	1425	S/MH (C0/180)	1.20
NOMINAL POWER (W)	34	LOR (%)	100.0	S/MH (C90/270)	1.45
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	4527	η UP, DN (C0-180)	0.0, 41.2
NOMINAL FLUX (lm)	4527	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 58.8
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity: 50%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

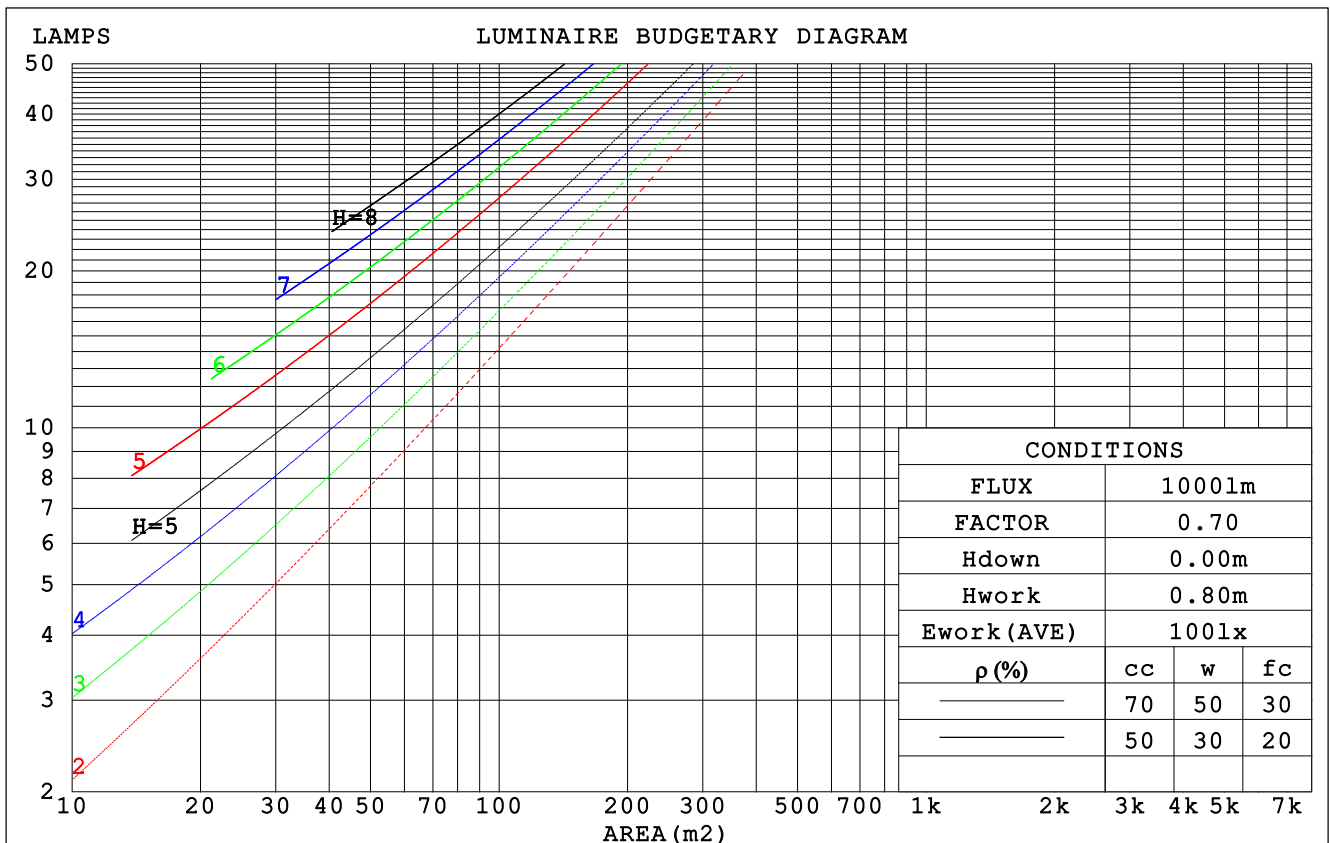
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	1390	1354	1341	1352	1389	1396	1403	1398	0- 5	33.10	33.10	0.76,0.76
10	1367	1302	1283	1300	1364	1388	1409	1390	5- 10	97.44	130.5	2.99,2.99
15	1327	1244	1226	1241	1324	1371	1414	1375	10- 15	157.8	288.4	6.61,6.61
20	1274	1179	1169	1177	1270	1348	1419	1352	15- 20	212.8	501.2	11.5,11.5
25	1206	1110	1112	1107	1202	1317	1425	1323	20- 25	261.2	762.4	17.5,17.5
30	1127	1037	1027	1034	1123	1282	1375	1288	25- 30	301.1	1063	24.4,24.4
35	1038	954.9	941.6	951.5	1035	1228	1325	1236	30- 35	329.4	1393	31.9,31.9
40	941.3	858.0	856.4	855.9	939.2	1145	1276	1153	35- 40	346.8	1740	39.9,39.9
45	838.9	762.7	771.3	761.0	838.2	1062	1226	1069	40- 45	354.0	2094	48,48
50	732.5	669.1	686.1	668.2	733.5	979.4	1176	985.7	45- 50	351.6	2445	56,56
55	624.6	578.4	613.3	578.3	627.2	898.9	1092	904.4	50- 55	340.3	2786	63.8,63.8
60	515.5	492.4	540.6	493.3	520.0	818.6	1008	822.9	55- 60	320.4	3106	71.2,71.2
65	407.4	417.4	467.8	418.3	413.7	720.9	924.2	725.9	60- 65	293.8	3400	77.9,77.9
70	301.2	345.5	395.1	346.9	309.0	628.8	840.3	634.8	65- 70	261.9	3662	83.9,83.9
75	199.0	277.0	322.4	278.9	207.6	542.8	756.3	549.7	70- 75	226.6	3888	89.1,89.1
80	106.2	214.7	277.9	216.7	116.3	463.0	673.2	470.8	75- 80	190.5	4079	93.5,93.5
85	36.38	171.1	233.5	173.0	45.40	390.3	590.1	397.1	80- 85	157.3	4236	97.1,97.1
90	13.27	129.1	189.0	130.9	18.27	322.0	506.9	327.6	85- 90	127.4	4364	100,100
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:25DEG
Operators:
Test Date:2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:50%
Test Distance:8.600m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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						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	.00
1.0	1.01	.95	.91	.98	.94	.89	.94	.90	.86	.90	.87	.84	.86	.84	.81	.79
2.0	.87	.79	.72	.85	.78	.72	.81	.75	.70	.78	.73	.68	.75	.70	.67	.64
3.0	.76	.67	.59	.74	.66	.59	.71	.64	.58	.68	.62	.57	.65	.60	.56	.53
4.0	.67	.57	.50	.65	.56	.50	.63	.55	.49	.60	.54	.48	.58	.52	.48	.45
5.0	.59	.50	.43	.58	.49	.43	.56	.48	.42	.54	.47	.42	.52	.46	.41	.39
6.0	.53	.44	.37	.52	.44	.37	.51	.43	.37	.49	.42	.36	.47	.41	.36	.34
7.0	.48	.39	.33	.48	.39	.33	.46	.38	.32	.45	.37	.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	.41	.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	.24	.34	.28	.23	.22



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity: 50%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

WEC AND CCEC

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	.372	.211	.067	.365	.208	.066	.351	.201	.064	.338	.195	.063	.327	.190	.061	
2.0	.328	.180	.055	.322	.177	.055	.309	.172	.053	.298	.167	.052	.288	.163	.051	
3.0	.294	.157	.047	.288	.154	.046	.278	.151	.046	.268	.147	.045	.259	.143	.044	
4.0	.266	.138	.041	.261	.137	.040	.252	.134	.040	.243	.131	.039	.235	.128	.039	
5.0	.243	.124	.036	.239	.123	.036	.230	.120	.035	.222	.117	.035	.215	.115	.035	
6.0	.223	.112	.032	.219	.111	.032	.212	.109	.032	.205	.107	.031	.199	.105	.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	.080	.022	.165	.080	.022	.161	.079	.022	.156	.077	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.185	.156	.129	.158	.134	.111	.108	.092	.077	.062	.053	.045	.020	.017	.014	
2.0	.177	.132	.094	.152	.113	.081	.104	.078	.056	.060	.046	.033	.019	.015	.011	
3.0	.169	.114	.071	.145	.099	.061	.100	.069	.043	.057	.040	.025	.018	.013	.008	
4.0	.161	.101	.056	.138	.088	.048	.095	.061	.034	.055	.036	.020	.018	.012	.007	
5.0	.153	.091	.045	.132	.079	.039	.091	.055	.028	.052	.032	.016	.017	.011	.005	
6.0	.146	.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	.043	.023	.009	.014	.008	.003	
10.0	.119	.061	.022	.103	.053	.019	.071	.037	.014	.042	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:50%
Test Distance:8.600m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

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	16.1	17.7	16.4	17.9	18.1	16.6	18.2	16.8	18.4	18.6
3H	17.4	18.9	17.7	19.2	19.4	18.5	20.0	18.8	20.3	20.5
4H	17.9	19.3	18.2	19.6	19.9	19.5	20.9	19.8	21.2	21.4
6H	18.2	19.6	18.5	19.8	20.1	20.6	21.9	20.9	22.2	22.5
8H	18.3	19.6	18.6	19.9	20.2	21.2	22.5	21.6	22.8	23.1
12H	18.3	19.6	18.7	19.9	20.2	21.9	23.2	22.3	23.5	23.8
4H 2H	16.8	18.2	17.1	18.4	18.7	17.1	18.6	17.5	18.8	19.1
3H	18.3	19.6	18.7	19.9	20.2	19.3	20.6	19.7	20.9	21.2
4H	18.9	20.1	19.3	20.4	20.8	20.5	21.7	20.9	22.0	22.3
6H	19.4	20.4	19.8	20.8	21.2	21.8	22.8	22.2	23.2	23.6
8H	19.5	20.5	19.9	20.9	21.3	22.5	23.5	23.0	23.9	24.3
12H	19.6	20.5	20.0	20.9	21.3	23.4	24.3	23.8	24.7	25.1
8H 4H	19.5	20.5	19.9	20.8	21.2	20.8	21.8	21.2	22.2	22.6
6H	20.2	21.0	20.7	21.5	21.9	22.4	23.2	22.8	23.6	24.1
8H	20.5	21.2	21.0	21.7	22.1	23.3	24.1	23.8	24.5	25.0
12H	20.7	21.4	21.2	21.8	22.3	24.5	25.1	24.9	25.6	26.0
12H 4H	19.6	20.6	20.1	20.9	21.4	20.8	21.7	21.3	22.1	22.5
6H	20.5	21.3	21.0	21.7	22.1	22.5	23.3	23.0	23.7	24.1
8H	20.9	21.6	21.4	22.0	22.5	23.6	24.2	24.0	24.7	25.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 4364 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.1)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:50%
Test Distance:8.600m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	55	43	36	54	43	36	53	42	36	29
0.80	65	52	45	64	52	45	62	51	44	37
1.00	73	61	53	71	60	53	69	62	52	45
1.25	80	68	60	78	68	60	75	66	59	51
1.50	85	74	66	83	73	66	80	71	64	56
2.00	92	82	75	90	81	74	86	78	72	64
2.50	96	87	80	94	85	79	90	83	77	68
3.00	99	91	85	97	90	84	93	87	82	72
4.00	104	97	91	101	95	90	97	92	87	78
5.00	106	100	96	104	98	94	99	95	91	81
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: 25DEG
 Operators:
 Test Date: 2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity: 50%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

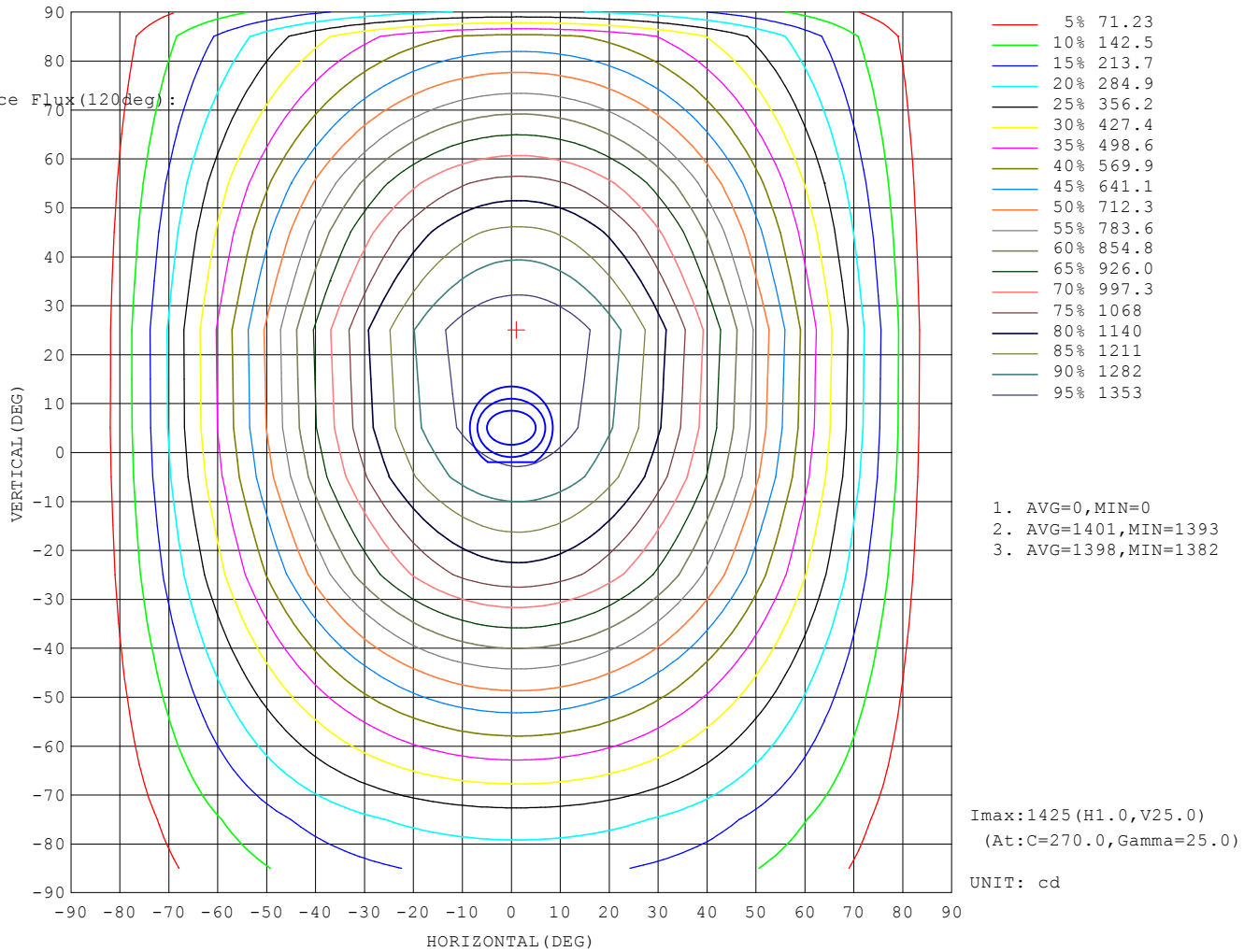
ISOCANDELA DIAGRAM

Conical surface Flux(90deg):

2093.6 lm
 %lum = 48.0%
 %lamp = 48.0%

Conical surface Flux(120deg):

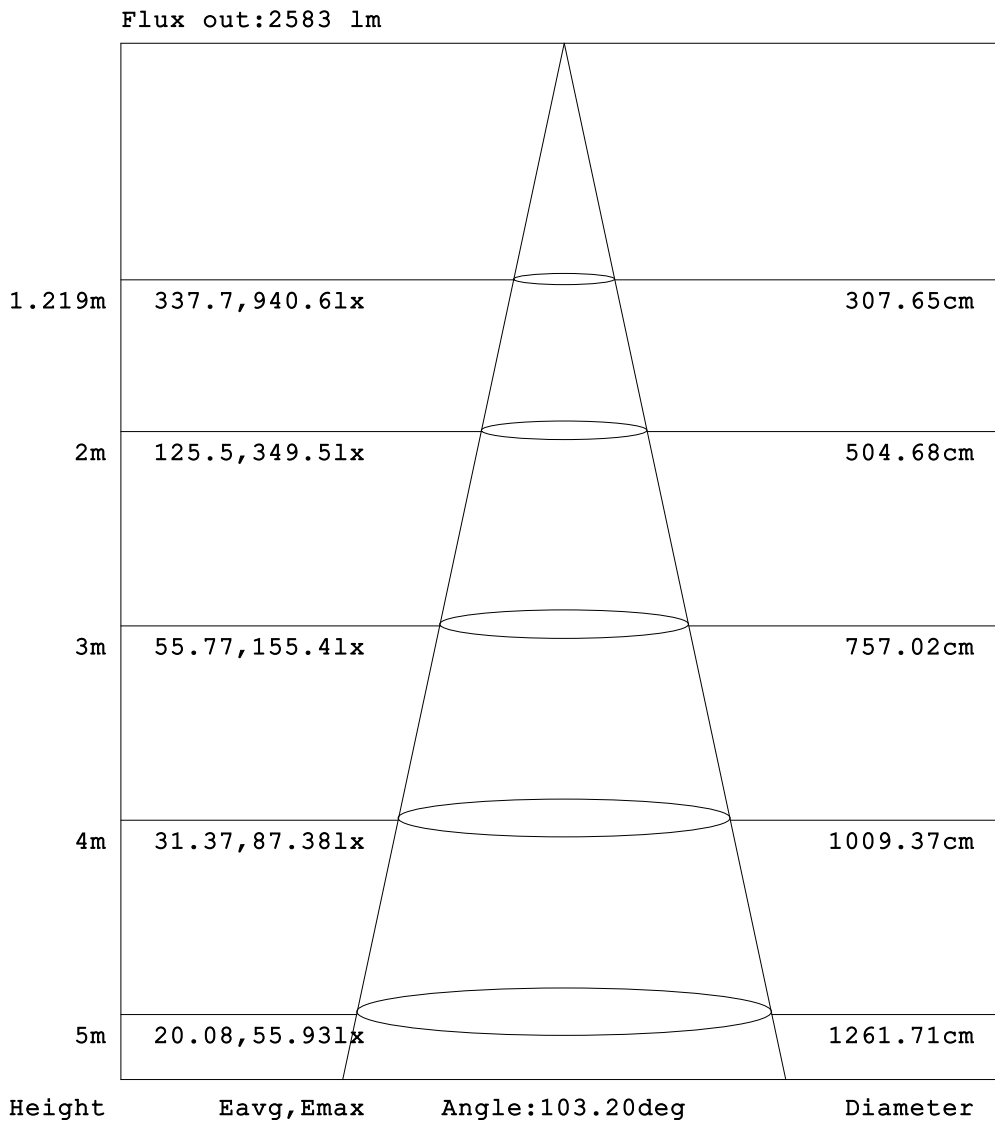
3106 lm
 %lum = 71.2%
 %lamp = 71.2%



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity:50%
 Test Distance:8.600m [K=1.0000]
 Remarks:

AAI Figure

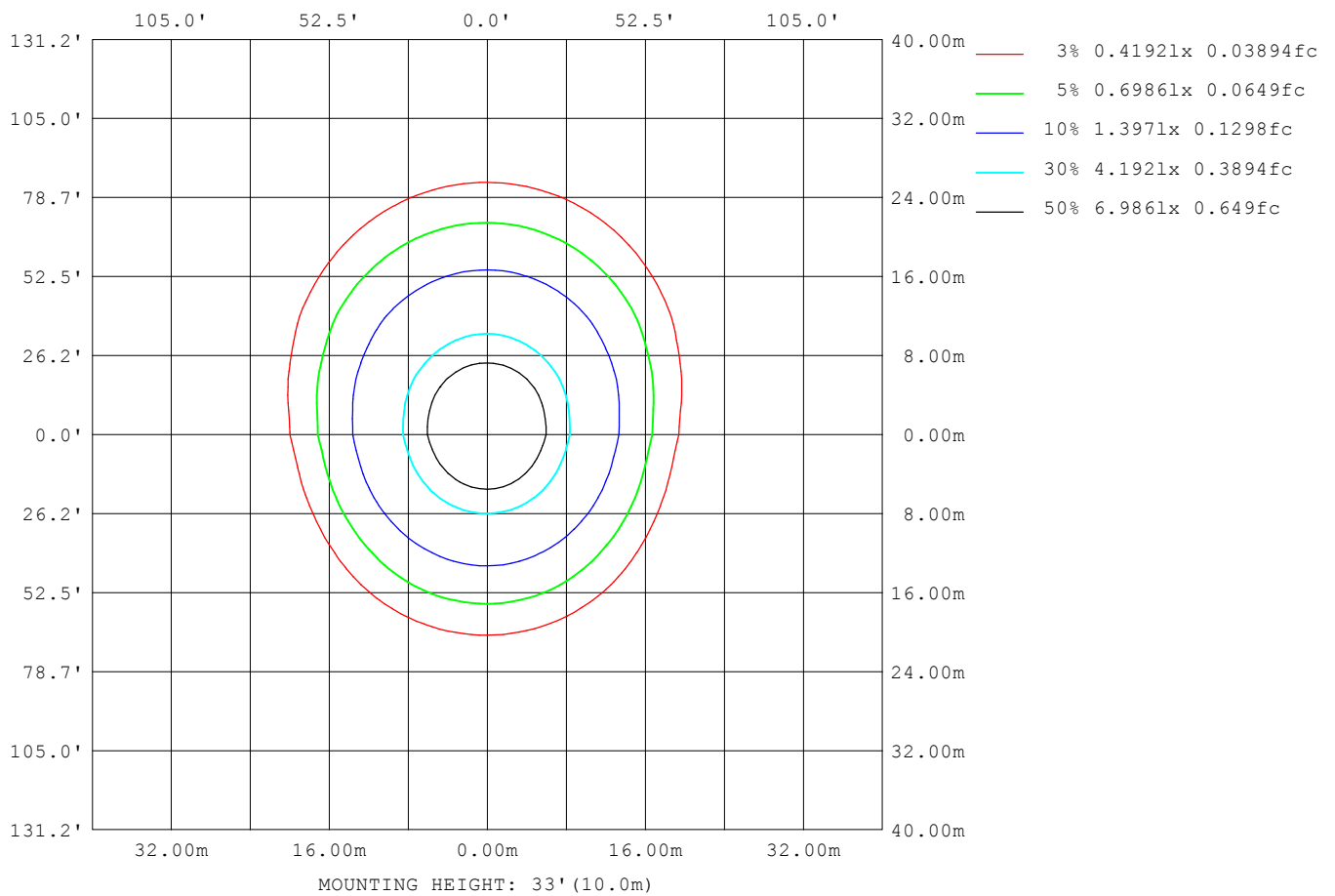


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity:50%
 Test Distance:8.600m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity: 50%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.5V I:0.2833 A P:34 W PF:0.9941 Lamp Flux:4527 x1 lm		
NAME: ASD-LVP-FS-4D3450	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD lighting corp	SUR.:	PROTECTION ANGLE:

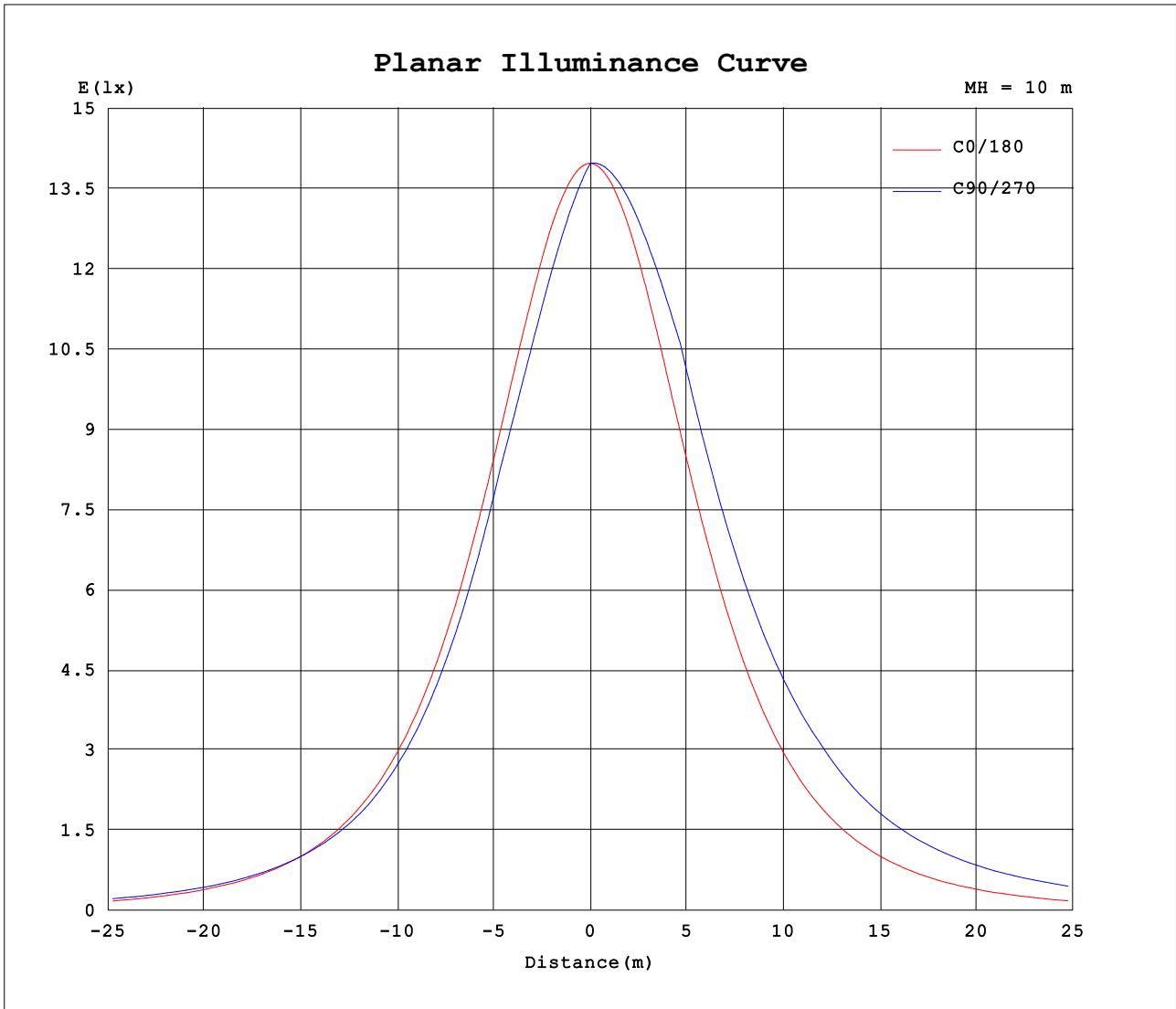
AvgL	cd/m2
L_0~180 (65) av	3350
L_0~180 (75) av	2708
L_0~180 (85) av	1618
L_90~270 (65) av	5679
L_90~270 (75) av	7186
L_90~270 (85) av	16291
L_45 (65) av	4656
L_45 (75) av	5491
L_45 (85) av	11192

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:50%
Test Distance:8.600m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity: 50%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398
5	1390	1385	1380	1376	1371	1367	1364	1360	1357	1354	1351	1348	1346	1345	1343	1342	1341	1341	1341
10	1367	1357	1348	1339	1332	1324	1318	1312	1307	1302	1298	1294	1291	1289	1287	1285	1284	1284	1283
15	1327	1314	1301	1289	1279	1270	1262	1255	1249	1244	1239	1236	1233	1231	1229	1228	1227	1226	1226
20	1274	1256	1240	1226	1214	1204	1196	1189	1183	1179	1176	1174	1172	1171	1170	1170	1169	1169	1169
25	1206	1185	1167	1152	1139	1129	1122	1116	1112	1110	1109	1109	1109	1109	1110	1111	1111	1112	1112
30	1127	1103	1083	1068	1055	1046	1041	1038	1036	1037	1038	1040	1036	1033	1030	1029	1028	1027	1027
35	1038	1012	991	975	965	958	955	954	957	955	951	947	946	944	943	943	942	942	942
40	941	913	892	878	869	865	866	867	862	858	857	856	855	856	856	856	856	856	856
45	839	810	790	777	771	771	770	765	763	763	763	765	766	768	769	770	771	771	771
50	732	703	685	675	673	672	667	666	667	669	672	675	678	680	683	684	685	686	686
55	625	596	579	573	573	568	568	570	574	578	583	588	594	600	605	609	611	613	613
60	516	488	475	474	470	469	473	478	485	492	502	511	519	526	531	536	538	540	541
65	407	382	374	372	372	377	384	393	405	417	428	438	446	453	459	463	466	467	468
70	301	280	277	276	282	291	305	319	333	346	357	367	375	382	387	391	393	395	395
75	199	183	183	191	203	219	235	250	264	277	289	298	305	311	316	319	321	322	322
80	106	98.9	106	121	139	156	172	187	200	215	229	241	251	259	266	271	275	277	278
85	36.4	39.4	53.6	69.5	86.0	105	123	140	156	171	185	197	207	215	222	227	230	233	233
90	13.3	19.0	26.3	38.9	53.3	68.9	84.7	100	115	129	142	153	162	171	177	182	186	188	189

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity:50%
 Test Distance:8.600m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398
5	1341	1341	1342	1342	1344	1345	1348	1350	1352	1355	1359	1362	1366	1370	1374	1379	1384	1389	1389
10	1283	1284	1284	1286	1288	1290	1293	1296	1300	1305	1310	1316	1322	1329	1337	1345	1354	1364	1365
15	1226	1226	1227	1228	1229	1231	1234	1237	1241	1246	1252	1258	1267	1276	1286	1297	1310	1324	1326
20	1169	1169	1169	1169	1169	1170	1171	1173	1177	1180	1186	1192	1201	1211	1222	1236	1252	1270	1273
25	1111	1111	1109	1108	1107	1106	1106	1106	1107	1109	1113	1118	1125	1135	1147	1163	1181	1202	1206
30	1027	1027	1027	1028	1030	1033	1036	1035	1034	1033	1034	1037	1043	1052	1064	1079	1099	1123	1128
35	941	941	941	941	942	943	945	948	951	954	952	952	955	962	973	988	1009	1035	1041
40	856	855	855	854	854	853	853	854	856	859	864	864	863	867	876	890	911	939	946
45	771	770	769	768	766	765	763	761	761	762	764	769	770	771	777	789	810	838	845
50	686	685	683	682	679	677	674	671	668	666	665	667	672	674	676	686	705	733	742
55	613	611	608	604	599	593	587	583	578	574	571	569	570	575	576	582	599	627	636
60	540	538	535	530	525	518	511	502	493	486	480	475	473	473	478	480	493	520	531
65	467	465	462	458	453	446	438	429	418	407	396	388	381	377	378	381	389	414	426
70	394	393	390	386	381	375	367	357	347	335	322	309	297	289	283	286	288	309	323
75	322	321	318	315	311	305	298	289	279	267	254	240	225	209	199	193	193	208	225
80	277	275	271	266	259	251	241	230	217	203	190	176	161	144	129	116	110	116	136
85	233	231	227	222	215	207	197	186	173	159	143	126	109	90.4	74.9	59.5	47.7	45.4	61.4
90	188	186	183	178	171	163	154	143	131	117	103	87.5	71.8	56.2	41.1	26.8	18.1	18.3	24.9

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2019-07-01

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:50%
Test Distance:8.600m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398
5	1390	1390	1391	1392	1393	1394	1395	1396	1398	1399	1399	1400	1401	1402	1403	1403	1403	1403	1403
10	1367	1369	1371	1374	1377	1381	1384	1388	1391	1395	1398	1401	1403	1405	1407	1408	1409	1408	1408
15	1329	1333	1338	1343	1350	1356	1364	1371	1379	1386	1392	1398	1404	1407	1411	1413	1414	1414	1412
20	1277	1283	1291	1301	1311	1323	1335	1348	1360	1372	1383	1393	1402	1410	1414	1418	1419	1419	1416
25	1212	1221	1233	1247	1263	1281	1299	1317	1336	1354	1370	1386	1399	1410	1418	1423	1425	1424	1420
30	1136	1149	1165	1184	1206	1230	1255	1282	1307	1329	1338	1348	1357	1364	1371	1373	1375	1375	1372
35	1051	1068	1088	1114	1142	1173	1206	1228	1243	1259	1274	1288	1300	1311	1319	1323	1325	1325	1321
40	959	979	1005	1037	1073	1107	1125	1145	1167	1188	1208	1227	1243	1257	1267	1273	1276	1274	1269
45	862	886	918	957	989	1010	1035	1062	1089	1117	1142	1166	1186	1203	1215	1223	1226	1224	1217
50	761	790	828	863	887	915	946	979	1013	1046	1077	1105	1129	1149	1164	1173	1176	1174	1165
55	659	693	733	756	787	822	860	899	938	977	1007	1031	1052	1069	1081	1089	1092	1090	1083
60	557	597	623	654	691	733	777	819	852	884	914	941	964	983	996	1005	1008	1006	998
65	457	490	519	557	602	646	683	721	757	792	825	853	877	897	912	921	924	922	914
70	359	385	423	469	508	548	588	629	668	704	737	767	792	812	827	837	840	838	830
75	255	291	334	374	416	459	501	543	583	619	653	683	708	728	743	753	756	754	746
80	166	205	246	290	334	378	421	463	503	539	573	602	626	646	661	670	673	671	663
85	93.1	132	175	219	263	307	350	390	428	463	495	523	546	565	578	587	590	588	581
90	48.3	81.6	120	161	202	244	284	322	357	390	419	445	466	484	496	504	507	505	498

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2019-07-01

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:50%
Test Distance:8.600m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398				
5	1402	1402	1401	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1391				
10	1406	1405	1402	1400	1397	1393	1390	1387	1383	1380	1377	1374	1372	1369	1368				
15	1409	1406	1401	1395	1389	1382	1375	1368	1361	1354	1347	1342	1337	1332	1329				
20	1411	1405	1397	1387	1376	1365	1352	1340	1328	1316	1305	1296	1288	1281	1277				
25	1413	1403	1390	1376	1359	1341	1323	1305	1286	1269	1253	1239	1227	1217	1210				
30	1368	1361	1354	1344	1335	1314	1288	1263	1237	1213	1191	1171	1154	1141	1132				
35	1314	1305	1293	1280	1266	1250	1236	1215	1182	1149	1121	1094	1072	1056	1044				
40	1260	1248	1232	1214	1194	1174	1153	1133	1115	1081	1044	1011	984	963	948				
45	1206	1190	1170	1148	1123	1096	1069	1042	1018	996	963	923	890	864	847				
50	1152	1133	1110	1083	1052	1019	986	952	921	893	869	833	793	762	742				
55	1072	1056	1036	1012	983	944	904	865	827	791	761	737	695	659	635				
60	986	968	946	920	890	857	823	781	736	694	656	625	599	556	528				
65	901	882	859	831	799	763	726	687	648	603	558	519	489	455	422				
70	816	797	773	744	711	674	635	593	551	510	468	422	383	356	318				
75	733	714	689	661	627	590	550	507	463	419	375	333	288	251	219				
80	650	632	608	579	547	510	471	429	384	339	293	247	203	161	129				
85	568	551	528	501	470	435	397	356	314	269	224	178	134	92.3	56.7				
90	487	470	450	424	396	363	328	290	250	208	166	125	85.2	51.0	25.9				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2019-07-01

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity: 50%
 Test Distance: 8.600m [K=1.0000]
 Remarks: