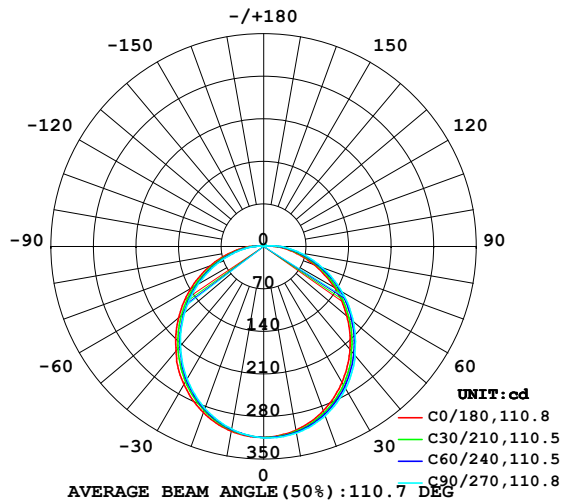


LUMINAIRE PHOTOMETRIC TEST REPORT

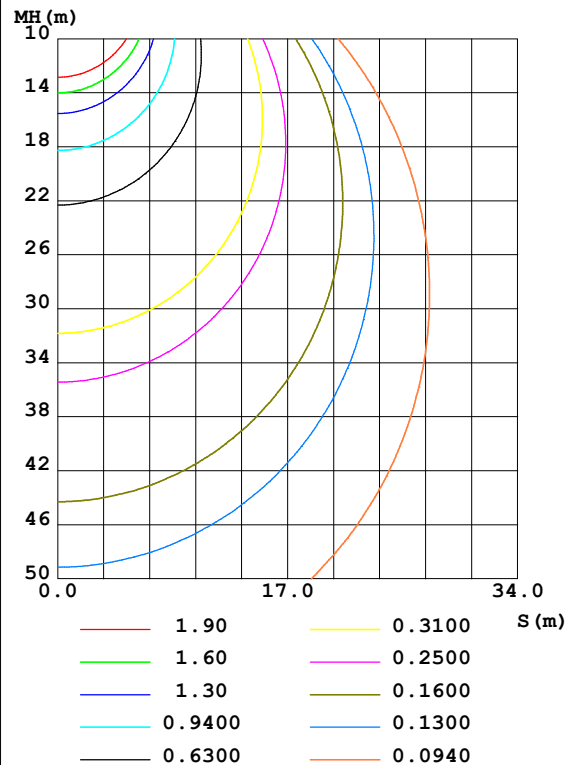
Test:U:120.4V I:0.1290A P:14.40W PF:0.9280 Freq:60.00Hz Lamp Flux:951.106x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 66.05 lm/W			
MODEL		Imax(cd)	316.0	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)		TOTAL FLUX(lm)	951.11	η UP,DN(C0-180)	1.8,50.2
NOMINAL FLUX(lm)	951.106	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.7,46.3
LAMPS INSIDE	1	η up(%)	3.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	96.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.750m [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	306.9	309.5	311.7	311.9	308.7	306.2	305.2	306.2	0- 10	29.74	29.74	3.13, 3.13
20	287.7	292.5	296.4	296.1	290.8	286.0	283.5	285.1	10- 20	84.76	114.5	12, 12
30	258.2	264.6	269.9	269.4	262.4	255.7	252.0	254.1	20- 30	127.4	241.9	25.4, 25.4
40	221.0	227.9	234.1	233.8	224.5	217.0	213.2	215.1	30- 40	152.1	393.9	41.4, 41.4
50	179.0	186.6	192.7	192.4	182.9	174.5	170.2	172.5	40- 50	156.5	550.4	57.9, 57.9
60	134.3	142.4	148.6	148.0	138.4	129.6	124.9	127.6	50- 60	142.4	692.8	72.8, 72.8
70	88.81	97.16	103.5	102.2	93.45	84.49	79.76	82.68	60- 70	112.8	805.6	84.7, 84.7
80	48.28	55.43	60.92	59.53	52.36	44.76	41.17	43.43	70- 80	74.50	880.1	92.5, 92.5
90	19.10	23.55	27.22	26.21	21.68	17.42	15.55	16.65	80- 90	37.76	917.9	96.5, 96.5
100	4.605	7.083	7.022	8.137	5.090	5.507	4.292	5.070	90-100	13.49	931.4	97.9, 97.9
110	3.178	3.174	3.216	3.150	3.745	3.938	3.785	3.654	100-110	4.425	935.8	98.4, 98.4
120	3.146	2.988	3.044	3.009	3.750	4.198	3.902	3.753	110-120	3.436	939.2	98.8, 98.8
130	3.252	2.980	3.037	3.044	3.895	4.439	4.122	3.947	120-130	3.167	942.4	99.1, 99.1
140	3.467	3.183	3.127	3.209	4.040	4.557	4.329	4.135	130-140	2.845	945.3	99.4, 99.4
150	3.663	3.546	3.370	3.487	4.200	4.482	4.451	4.253	140-150	2.414	947.7	99.6, 99.6
160	3.980	3.759	3.679	3.812	4.373	4.390	4.517	4.373	150-160	1.859	949.5	99.8, 99.8
170	4.122	3.926	3.879	4.085	4.415	4.292	4.377	4.353	160-170	1.177	950.7	100, 100
180	4.130	4.171	4.141	4.065	4.130	4.173	4.133	4.065	170-180	0.3964	951.1	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 472.79 lm

%lum = 49.7%

%lamp = 49.7%

Conical surface Flux(120deg): 692.81 lm

%lum = 72.8%

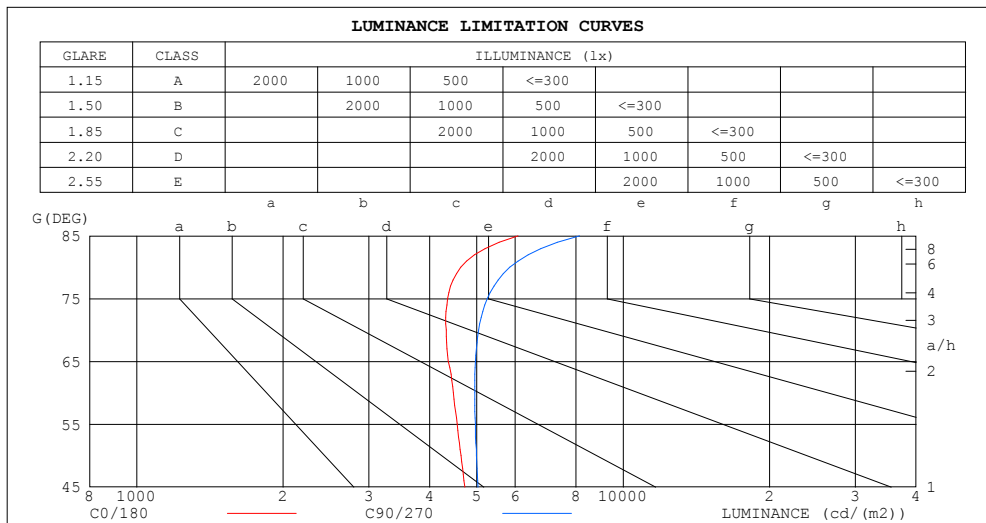
%lamp = 72.8%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.750m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.4V I:0.1290A P:14.40W PF:0.9280 Freq:60.00Hz Lamp Flux:951.106x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6080	8127
80	4634	5847
75	4356	5253
70	4328	5043
65	4372	4969
60	4478	4955
55	4557	4967
50	4640	4996
45	4724	5033

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.750m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.4V I:0.1290A P:14.40W PF:0.9280 Freq:60.00Hz Lamp Flux:951.106x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.335	.191	.060	.327	.186	.059	.312	.179	.057	.297	.172	.055	.284	.165	.053	
2.0	.305	.167	.051	.298	.164	.051	.284	.158	.049	.272	.152	.048	.260	.147	.046	
3.0	.278	.148	.044	.272	.145	.044	.259	.141	.043	.248	.136	.042	.238	.132	.041	
4.0	.254	.132	.039	.249	.130	.038	.238	.126	.038	.228	.122	.037	.218	.119	.036	
5.0	.234	.119	.035	.229	.117	.034	.219	.114	.034	.210	.111	.033	.201	.108	.032	
6.0	.216	.108	.031	.211	.107	.031	.203	.104	.030	.195	.101	.030	.187	.098	.029	
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.181	.093	.027	.174	.091	.027	
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.169	.086	.025	.163	.084	.024	
9.0	.175	.085	.024	.171	.084	.023	.165	.082	.023	.159	.080	.023	.153	.078	.023	
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.145	.073	.021	

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.217	.217	.217	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023		
1.0	.209	.183	.159	.179	.157	.137	.122	.108	.095	.070	.062	.055	.023	.020	.018		
2.0	.201	.159	.123	.172	.137	.107	.118	.095	.074	.068	.055	.044	.022	.018	.014		
3.0	.193	.142	.100	.166	.122	.087	.114	.085	.061	.066	.050	.036	.021	.016	.012		
4.0	.185	.128	.085	.159	.111	.074	.109	.077	.052	.063	.045	.031	.020	.015	.010		
5.0	.178	.118	.074	.153	.102	.064	.105	.071	.045	.061	.042	.027	.020	.014	.009		
6.0	.170	.110	.066	.147	.095	.058	.101	.067	.041	.059	.039	.024	.019	.013	.008		
7.0	.164	.103	.060	.141	.089	.053	.097	.063	.037	.056	.037	.022	.018	.012	.007		
8.0	.157	.097	.056	.135	.084	.049	.093	.059	.035	.054	.035	.021	.018	.011	.007		
9.0	.151	.092	.053	.130	.080	.046	.090	.056	.033	.052	.033	.019	.017	.011	.006		
10.0	.145	.088	.050	.125	.076	.044	.087	.054	.031	.051	.032	.019	.016	.010	.006		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.750m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.4V I:0.1290A P:14.40W PF:0.9280 Freq:60.00Hz Lamp Flux:951.106x1 lm											
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3500K						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: 革星						SUR.:6寸		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		18.1	19.6	18.4	19.9	20.1	18.5	20.0	18.8	20.3	20.5
	3H	19.8	21.1	20.1	21.4	21.7	20.3	21.7	20.6	22.0	22.3
	4H	20.5	21.8	20.9	22.1	22.5	21.2	22.5	21.5	22.8	23.1
	6H	21.2	22.4	21.6	22.7	23.1	22.0	23.2	22.4	23.5	23.9
	8H	21.5	22.7	21.9	23.0	23.4	22.4	23.6	22.8	23.9	24.3
	12H	21.8	22.9	22.2	23.3	23.7	22.8	23.9	23.2	24.3	24.7
4H	2H	18.8	20.1	19.2	20.4	20.8	19.1	20.4	19.5	20.7	21.1
	3H	20.7	21.8	21.1	22.2	22.6	21.1	22.3	21.5	22.6	23.0
	4H	21.6	22.6	22.0	23.0	23.4	22.1	23.2	22.6	23.6	24.0
	6H	22.4	23.3	22.9	23.8	24.2	23.1	24.1	23.6	24.5	24.9
	8H	22.8	23.7	23.3	24.1	24.6	23.6	24.5	24.1	24.9	25.4
	12H	23.2	24.0	23.7	24.4	24.9	24.1	24.9	24.6	25.4	25.9
8H	4H	22.0	22.9	22.5	23.3	23.8	22.5	23.4	22.9	23.8	24.2
	6H	23.0	23.8	23.5	24.3	24.8	23.7	24.4	24.2	24.9	25.4
	8H	23.6	24.2	24.1	24.7	25.3	24.3	25.0	24.8	25.5	26.0
	12H	24.1	24.7	24.7	25.2	25.8	25.0	25.6	25.5	26.1	26.6
12H	4H	22.1	22.9	22.5	23.3	23.8	22.5	23.3	23.0	23.8	24.3
	6H	23.2	23.9	23.7	24.4	24.9	23.8	24.4	24.3	24.9	25.5
	8H	23.8	24.4	24.4	24.9	25.5	24.5	25.1	25.0	25.6	26.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.4					+ 0.1 / - 0.3					

CIE Pub.117, 951.1 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -0.2$)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.4V I:0.1290A P:14.40W PF:0.9280 Freq:60.00Hz Lamp Flux:951.106x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

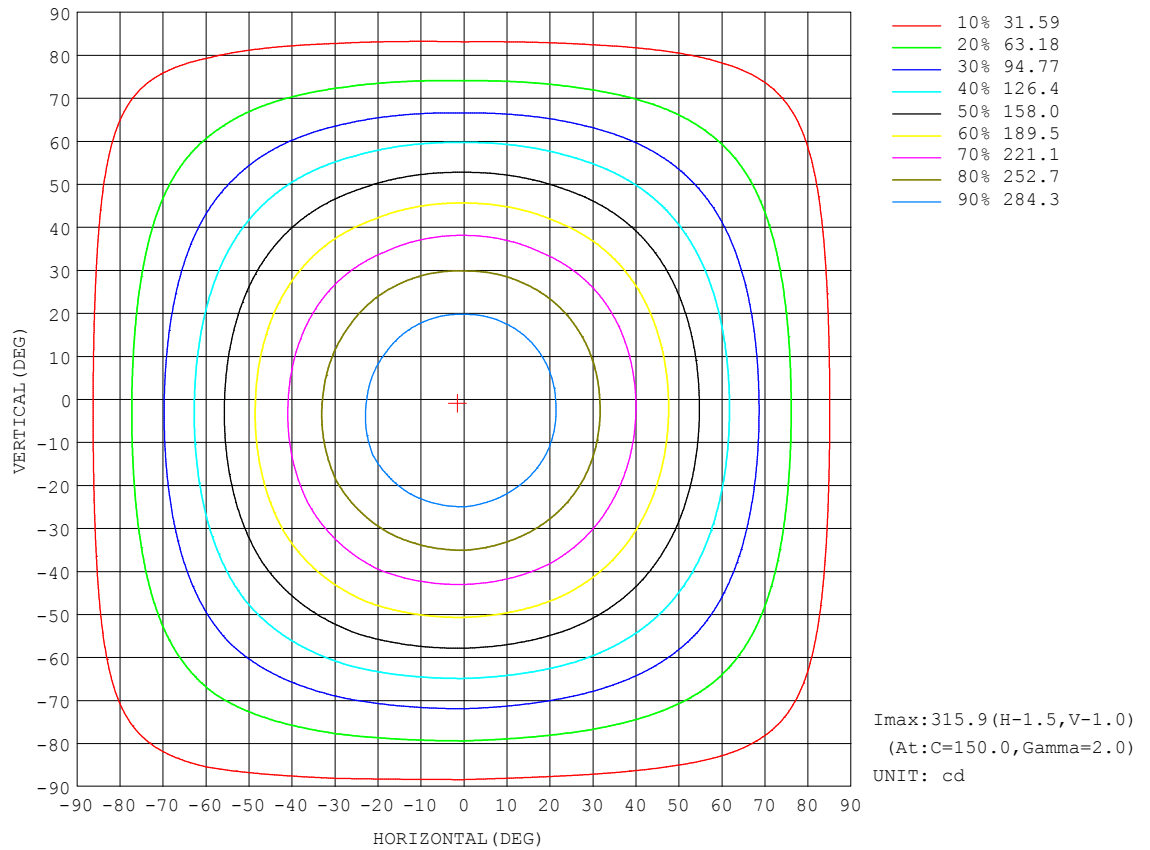
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	65	53	46	64	53	46	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	85	75	68	84	74	67	80	72	66	58
2.00	92	83	76	90	82	75	86	79	74	65
2.50	96	88	81	94	86	80	90	83	78	69
3.00	100	92	86	97	91	85	93	87	82	73
4.00	104	98	92	101	96	91	96	92	88	78
5.00	107	101	97	104	99	95	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: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.4V I:0.1290A P:14.40W PF:0.9280 Freq:60.00Hz Lamp Flux:951.106x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

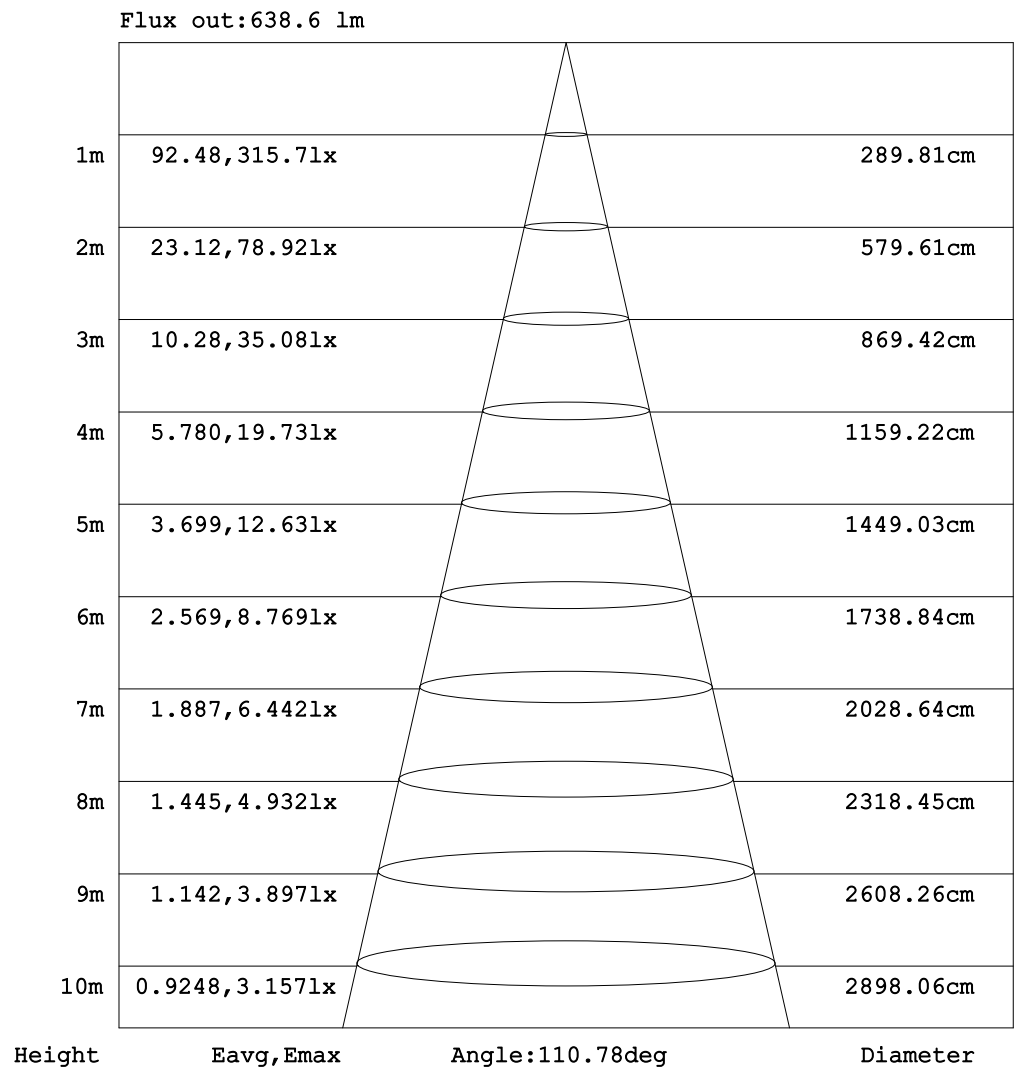


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.750m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.4V I:0.1290A P:14.40W PF:0.9280 Freq:60.00Hz Lamp Flux:951.106x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

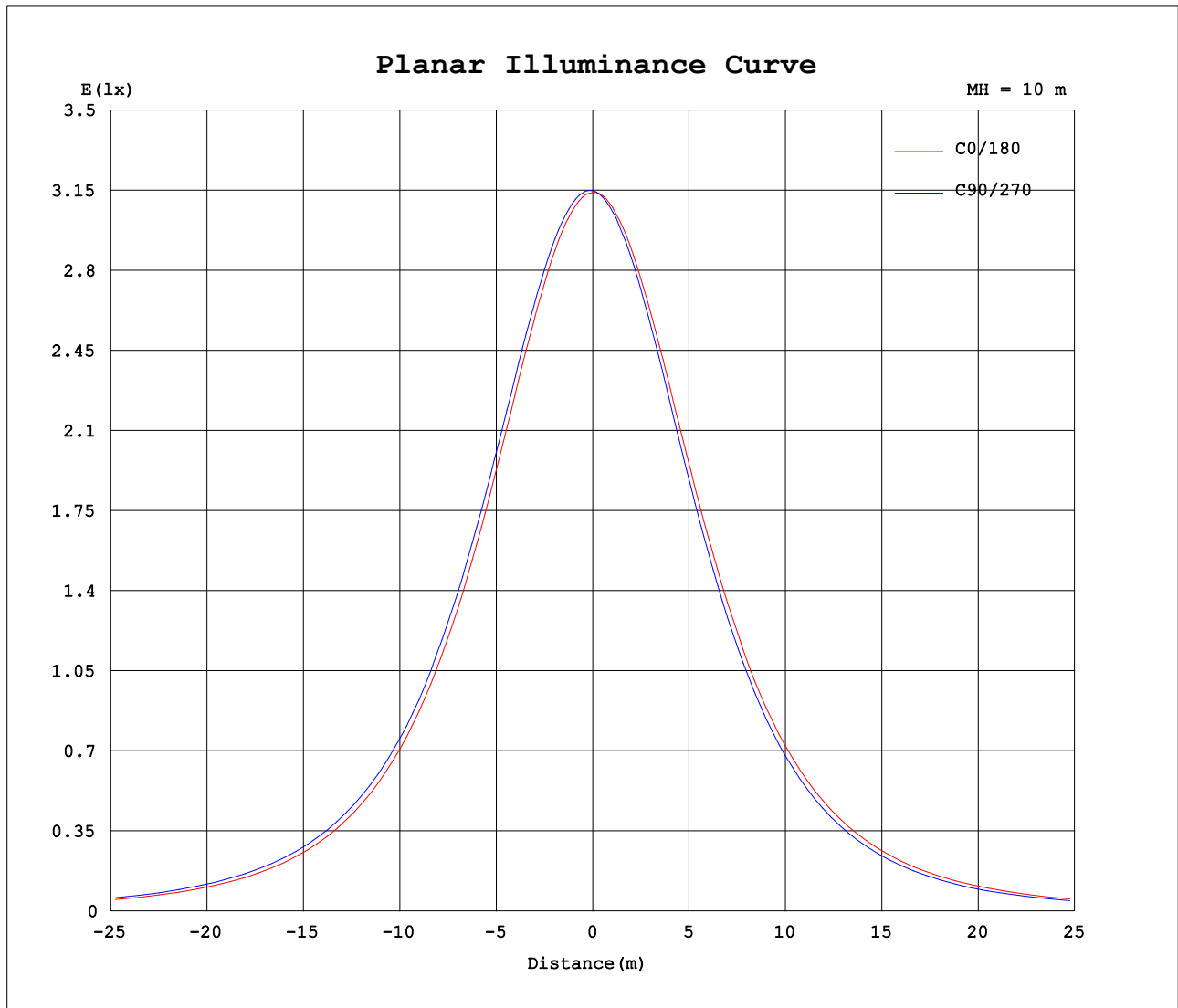


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.750m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.750m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.1290A P:14.40W PF:0.9280 Freq:60.00Hz Lamp Flux:951.106x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	314	314	314	315	315	316	314	314	314	315	315	316							
5	312	313	314	315	315	315	313	312	312	312	312	313							
10	307	309	310	312	312	312	309	307	306	305	306	307							
15	299	301	303	305	306	305	301	298	297	296	296	298							
20	288	291	294	296	297	296	291	287	285	284	284	286							
25	274	278	281	284	285	284	278	273	271	269	270	272							
30	258	263	266	270	270	269	262	257	254	252	253	255							
35	240	246	250	253	254	252	245	239	235	233	234	237							
40	221	225	231	234	235	233	225	220	214	213	213	217							
45	200	205	211	214	215	212	204	199	193	192	192	196							
50	179	184	190	193	194	191	183	177	172	170	170	175							
55	157	162	168	171	172	169	161	155	149	148	148	152							
60	134	139	145	149	150	146	138	132	127	125	126	130							
65	111	117	123	126	127	124	116	109	104	102	103	106							
70	88.8	94.8	99.5	103	104	101	93.4	86.5	82.5	79.8	81.2	84.2							
75	67.6	73.3	77.8	81.6	81.5	78.9	72.3	65.5	61.7	59.3	60.5	63.4							
80	48.3	53.4	57.5	60.9	60.8	58.3	52.4	46.5	43.0	41.2	42.2	44.7							
85	31.8	36.0	39.5	42.5	42.3	40.1	35.3	30.4	27.9	26.3	27.1	29.0							
90	19.1	22.2	24.9	27.2	27.1	25.4	21.7	18.3	16.5	15.5	16.0	17.3							
95	10.3	12.5	14.4	16.0	15.9	14.8	12.3	10.3	9.16	7.88	8.72	9.34							
100	4.60	6.53	7.64	7.02	8.41	7.86	5.09	5.82	5.20	4.29	4.98	5.16							
105	3.33	3.73	4.17	3.76	4.39	4.20	3.93	4.01	3.86	3.84	3.75	3.70							
110	3.18	3.14	3.21	3.22	3.17	3.13	3.75	4.02	3.85	3.78	3.69	3.61							
115	3.14	3.03	3.10	3.10	3.07	3.02	3.71	4.14	3.95	3.82	3.73	3.61							
120	3.15	2.97	3.01	3.04	3.03	2.99	3.75	4.30	4.10	3.90	3.82	3.69							
125	3.18	2.96	2.95	3.01	3.01	3.01	3.82	4.42	4.27	4.01	3.92	3.78							
130	3.25	3.01	2.95	3.04	3.02	3.06	3.89	4.47	4.41	4.12	4.02	3.87							
135	3.37	3.11	3.00	3.06	3.09	3.13	3.97	4.50	4.53	4.24	4.13	3.96							
140	3.47	3.24	3.13	3.13	3.19	3.22	4.04	4.51	4.60	4.33	4.21	4.06							
145	3.57	3.38	3.33	3.24	3.33	3.35	4.11	4.45	4.62	4.40	4.28	4.11							
150	3.66	3.54	3.55	3.37	3.49	3.48	4.20	4.38	4.59	4.45	4.34	4.17							
155	3.82	3.71	3.58	3.53	3.65	3.64	4.30	4.36	4.54	4.49	4.39	4.26							
160	3.98	3.86	3.66	3.68	3.81	3.82	4.37	4.36	4.42	4.52	4.43	4.32							
165	4.12	3.89	3.73	3.84	3.96	4.00	4.42	4.38	4.31	4.51	4.45	4.33							
170	4.12	3.99	3.86	3.88	4.06	4.11	4.42	4.29	4.29	4.38	4.45	4.25							
175	4.16	4.00	3.98	3.98	4.03	4.07	4.23	4.28	4.26	4.24	4.29	4.16							
180	4.13	4.16	4.18	4.14	4.08	4.05	4.13	4.16	4.19	4.13	4.08	4.05							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.750m [K=1.0000]
Remarks: