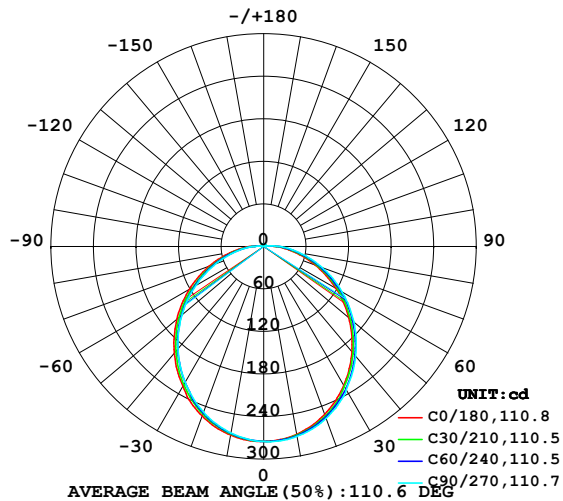


LUMINAIRE PHOTOMETRIC TEST REPORT

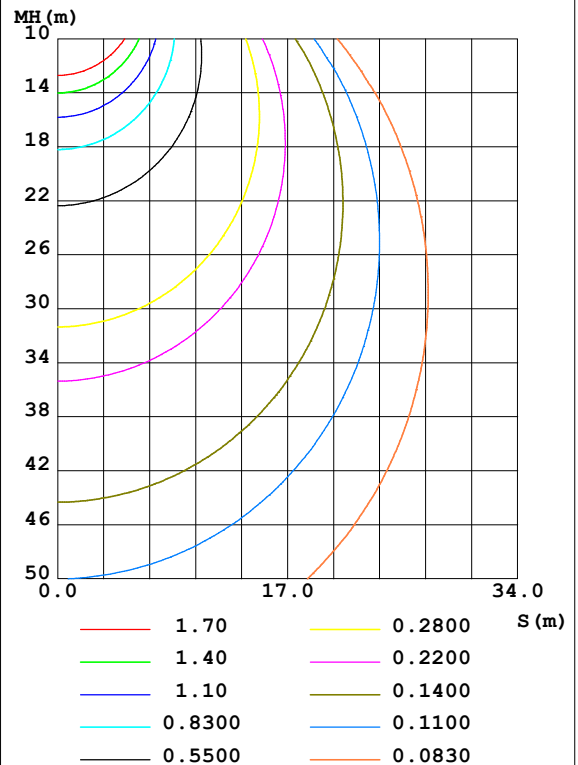
Test:U:120.5V I:0.1320A P:14.60W PF:0.9190 Freq:60.00Hz Lamp Flux:830x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 56.85 lm/W			
MODEL		I _{max} (cd)	276.0	S/MH (C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE(V)		TOTAL FLUX(lm)	830.00	η UP,DN(C0-180)	1.7,49.8
NOMINAL FLUX(lm)	830	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.7,46.7
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: 2024-05-08

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	269.0	270.5	272.1	272.3	270.1	268.3	267.1	267.8	0- 10	26.01	26.01	3.13,3.13
20	252.0	255.3	258.0	258.0	254.4	250.8	248.6	249.7	10- 20	74.12	100.1	12.1,12.1
30	226.2	229.9	233.6	233.9	228.0	223.6	221.6	222.1	20- 30	111.3	211.4	25.5,25.5
40	193.7	198.2	201.9	202.5	196.3	190.7	188.1	189.1	30- 40	132.5	343.9	41.4,41.4
50	156.8	162.0	166.1	166.5	160.0	153.8	150.7	152.0	40- 50	136.7	480.7	57.9,57.9
60	116.8	123.1	127.6	127.7	121.1	114.2	110.6	112.4	50- 60	124.4	605.1	72.9,72.9
70	77.95	83.48	88.13	87.71	81.76	75.32	72.01	73.73	60- 70	98.47	703.5	84.8,84.8
80	42.32	47.03	51.09	50.59	45.51	40.34	37.86	39.16	70- 80	65.06	768.6	92.6,92.6
90	16.53	19.46	22.20	21.85	18.61	15.63	14.45	15.09	80- 90	32.75	801.4	96.5,96.5
100	3.942	5.758	5.744	6.686	4.416	4.847	3.806	4.441	90-100	11.51	812.9	97.9,97.9
110	2.766	2.784	2.797	2.758	3.268	3.434	3.295	3.174	100-110	3.799	816.7	98.4,98.4
120	2.735	2.627	2.668	2.670	3.283	3.646	3.381	3.236	110-120	2.997	819.7	98.8,98.8
130	2.825	2.611	2.676	2.719	3.417	3.842	3.565	3.389	120-130	2.763	822.4	99.1,99.1
140	3.024	2.778	2.778	2.862	3.538	3.928	3.741	3.558	130-140	2.480	824.9	99.4,99.4
150	3.189	3.109	2.974	3.080	3.660	3.873	3.840	3.679	140-150	2.102	827.0	99.6,99.6
160	3.451	3.297	3.236	3.340	3.820	3.816	3.906	3.785	150-160	1.619	828.6	99.8,99.8
170	3.585	3.455	3.432	3.585	3.886	3.753	3.758	3.775	160-170	1.027	829.7	100,100
180	3.616	3.636	3.612	3.554	3.616	3.636	3.601	3.556	170-180	0.3471	830.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 412.84 lm

%lum = 49.7%

%lamp = 49.7%

Conical surface Flux(120deg): 605.08 lm

%lum = 72.9%

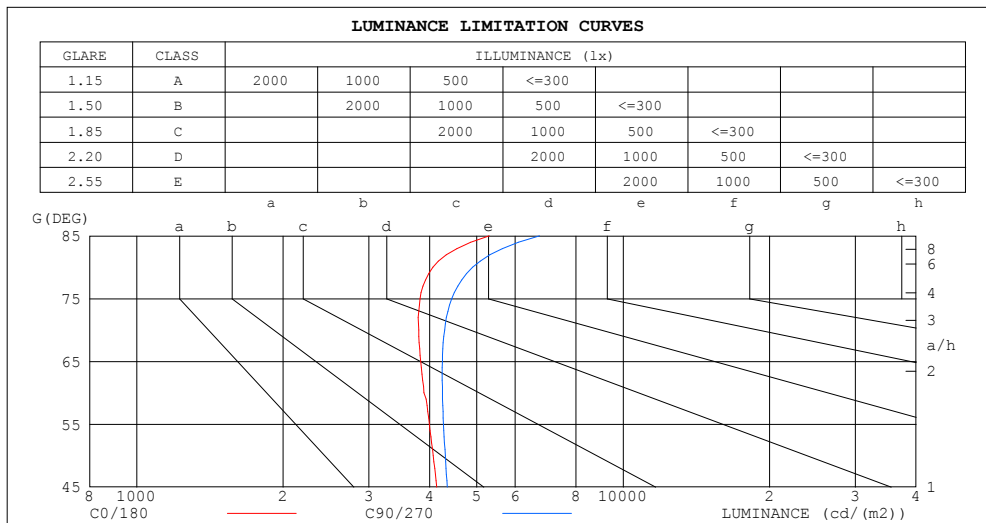
%lamp = 72.9%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-08

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:120.5V I:0.1320A P:14.60W PF:0.9190 Freq:60.00Hz Lamp Flux:830x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5308	6731
80	4062	4903
75	3822	4443
70	3799	4294
65	3838	4249
60	3894	4252
55	3996	4271
50	4066	4307
45	4140	4348

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-08

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:120.5V I:0.1320A P:14.60W PF:0.9190 Freq:60.00Hz Lamp Flux:830x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 2700K	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	.190	.060	.327	.186	.059	.311	.179	.057	.297	.171	.055	.284	.165	.053	
2.0	.305	.167	.051	.298	.164	.051	.284	.158	.049	.271	.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	.202	.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	.185	.185	.185	.126	.126	.126	.073	.073	.073	.023	.023	.023		
1.0	.209	.182	.159	.178	.157	.137	.122	.108	.095	.070	.062	.055	.023	.020	.018		
2.0	.201	.159	.123	.172	.136	.106	.118	.094	.074	.068	.055	.044	.022	.018	.014		
3.0	.193	.141	.100	.165	.122	.087	.114	.085	.061	.066	.049	.036	.021	.016	.012		
4.0	.185	.128	.085	.159	.111	.073	.109	.077	.052	.063	.045	.031	.020	.015	.010		
5.0	.177	.118	.074	.152	.102	.064	.105	.071	.045	.061	.042	.027	.020	.014	.009		
6.0	.170	.109	.066	.146	.095	.057	.101	.066	.041	.059	.039	.024	.019	.013	.008		
7.0	.163	.103	.060	.140	.089	.052	.097	.062	.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	.150	.092	.052	.130	.080	.046	.090	.056	.032	.052	.033	.019	.017	.011	.006		
10.0	.145	.088	.050	.125	.076	.043	.087	.054	.031	.050	.032	.018	.016	.010	.006		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-08

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:120.5V I:0.1320A P:14.60W PF:0.9190 Freq:60.00Hz Lamp Flux:830x1 lm											
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 2700K						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	18.4	19.9	18.7	20.2	20.4
	3H	19.7	21.1	20.1	21.4	21.7	20.2	21.6	20.5	21.9	22.2
	4H	20.5	21.8	20.9	22.1	22.5	21.0	22.3	21.4	22.7	23.0
	6H	21.2	22.4	21.5	22.7	23.1	21.8	23.0	22.2	23.4	23.7
	8H	21.5	22.7	21.9	23.0	23.4	22.2	23.4	22.6	23.7	24.1
	12H	21.8	22.9	22.2	23.3	23.7	22.6	23.7	23.0	24.1	24.5
4H	2H	18.8	20.1	19.1	20.4	20.7	19.0	20.3	19.4	20.7	21.0
	3H	20.6	21.8	21.0	22.2	22.5	21.0	22.2	21.4	22.5	22.9
	4H	21.5	22.6	22.0	23.0	23.4	22.0	23.0	22.4	23.4	23.8
	6H	22.4	23.3	22.8	23.7	24.2	22.9	23.9	23.4	24.3	24.7
	8H	22.8	23.6	23.2	24.1	24.5	23.4	24.3	23.9	24.7	25.2
	12H	23.2	24.0	23.6	24.4	24.9	23.9	24.7	24.4	25.2	25.6
8H	4H	21.9	22.8	22.4	23.3	23.7	22.3	23.2	22.8	23.6	24.1
	6H	23.0	23.7	23.5	24.2	24.7	23.5	24.2	24.0	24.7	25.2
	8H	23.5	24.2	24.0	24.7	25.2	24.1	24.8	24.6	25.3	25.8
	12H	24.1	24.7	24.6	25.2	25.7	24.8	25.3	25.3	25.9	26.4
12H	4H	22.0	22.8	22.5	23.3	23.8	22.4	23.2	22.8	23.6	24.1
	6H	23.1	23.8	23.7	24.3	24.8	23.6	24.3	24.1	24.8	25.3
	8H	23.8	24.3	24.3	24.8	25.4	24.3	24.9	24.8	25.4	25.9
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 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117, 830.0 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -0.6$)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-08

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:120.5V I:0.1320A P:14.60W PF:0.9190 Freq:60.00Hz Lamp Flux:830x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

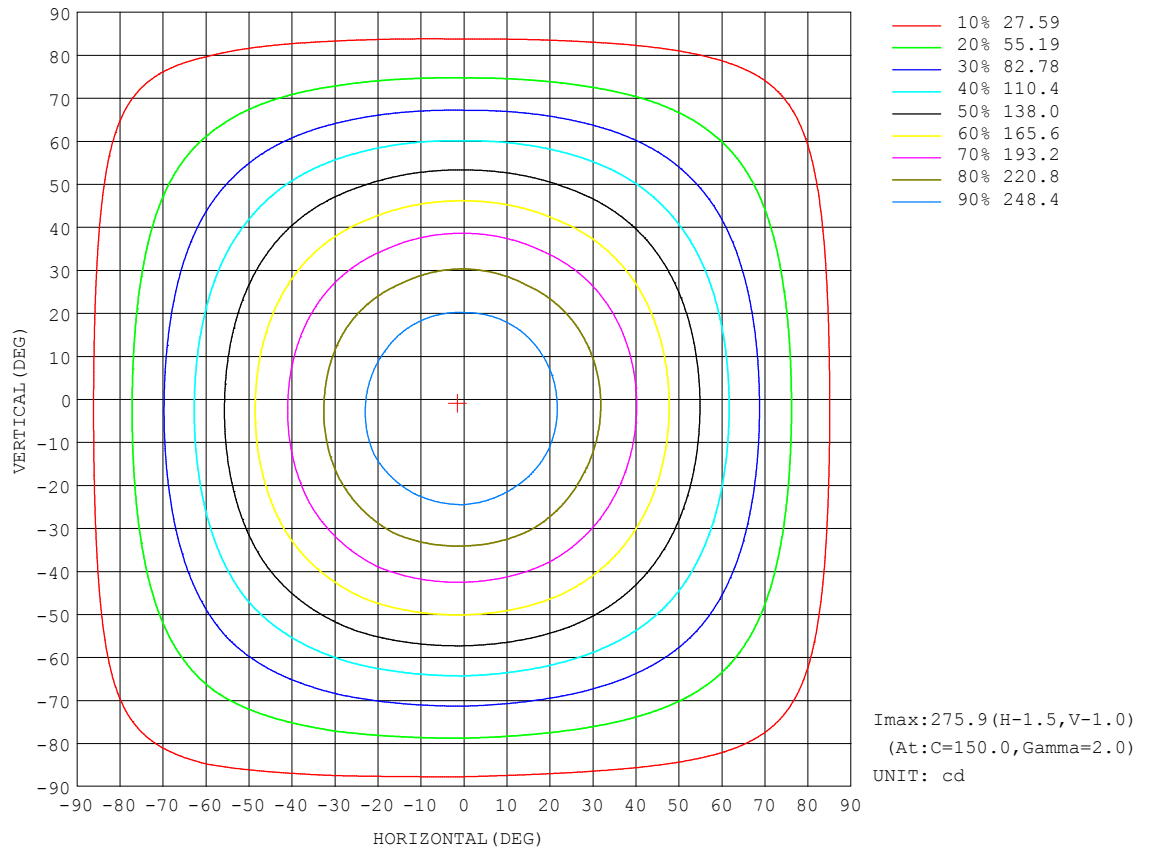
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	65	53	46	64	53	46	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	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	83	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:2024-05-08

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:120.5V I:0.1320A P:14.60W PF:0.9190 Freq:60.00Hz Lamp Flux:830x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

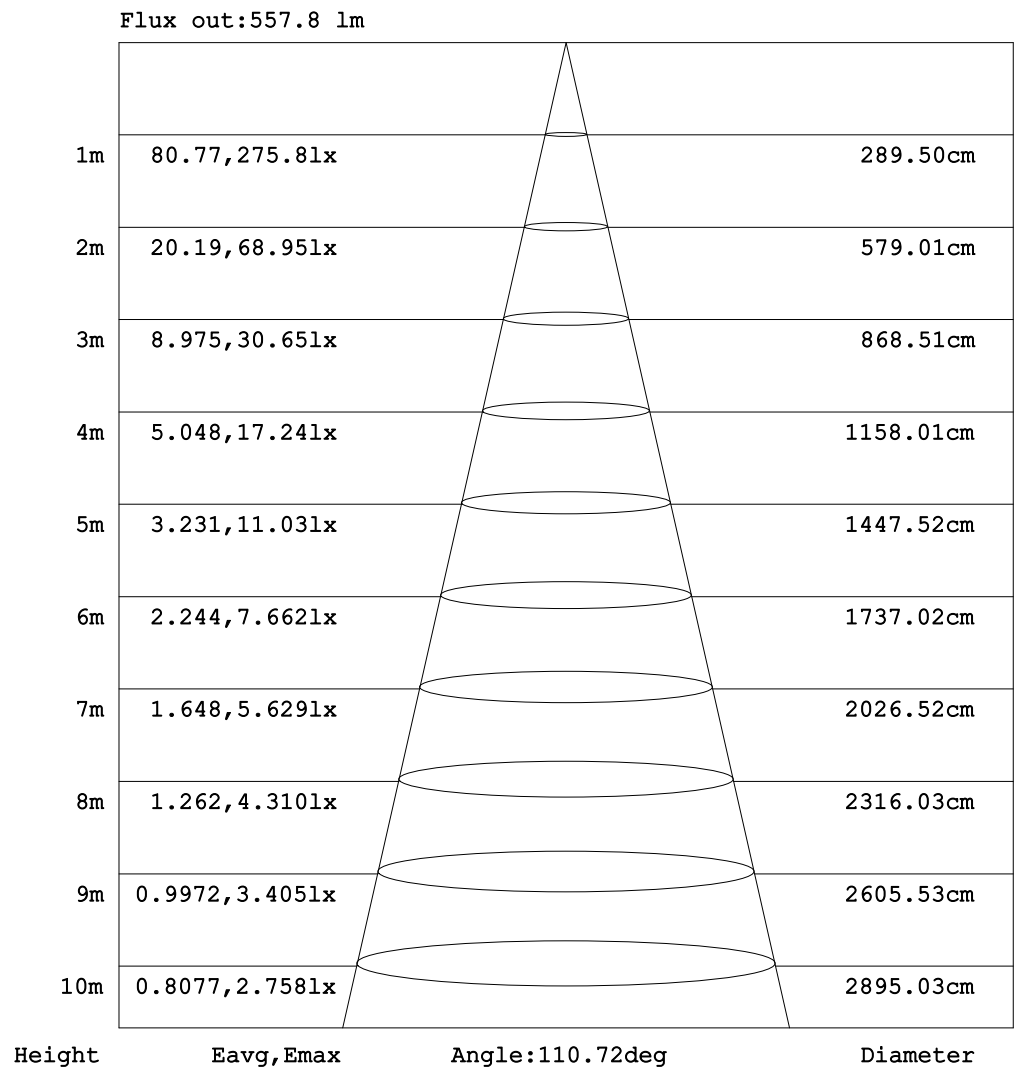


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-08

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:120.5V I:0.1320A P:14.60W PF:0.9190 Freq:60.00Hz Lamp Flux:830x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

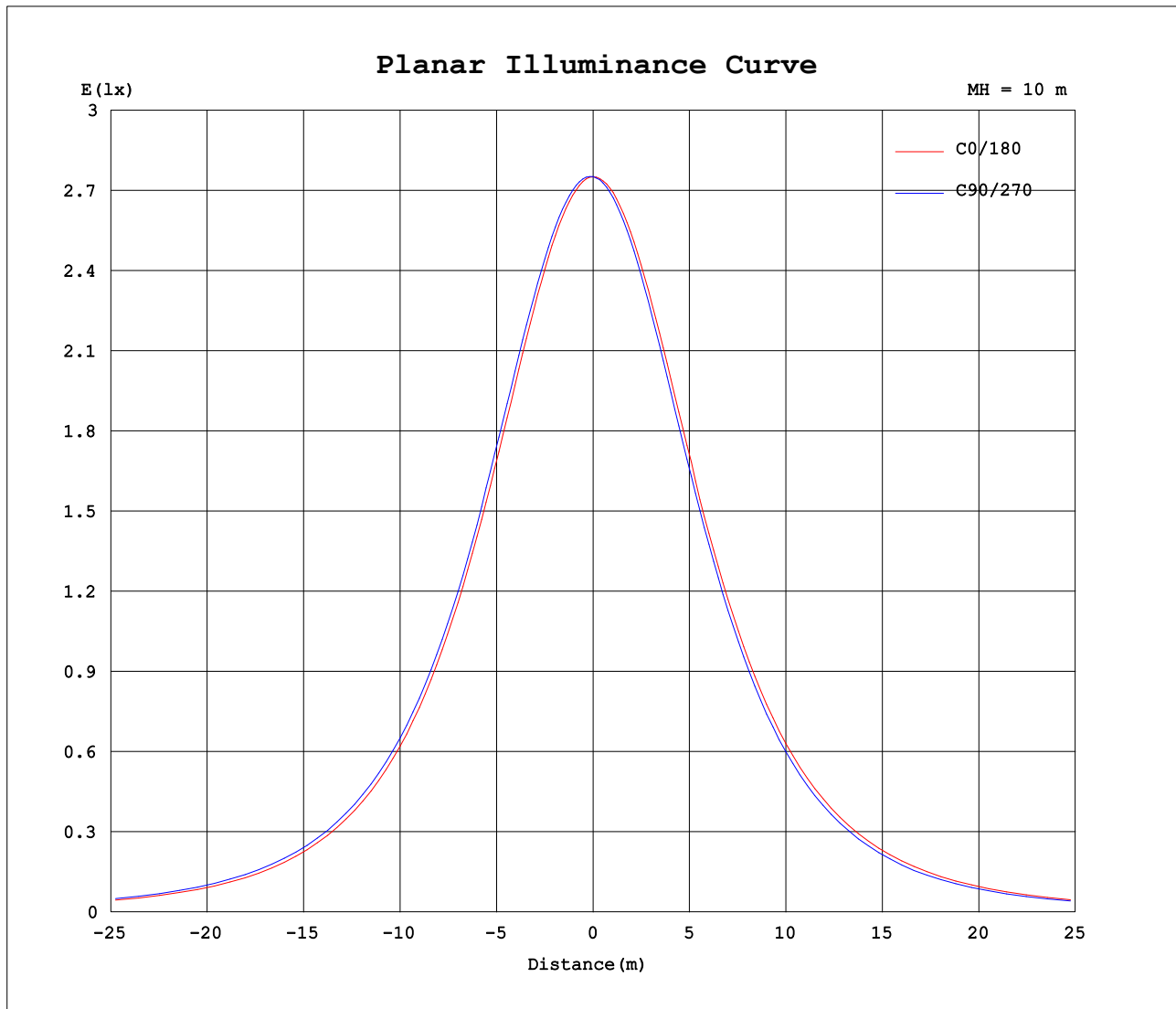


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-05-08

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: 2024-05-08

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:120.5V I:0.1320A P:14.60W PF:0.9190 Freq:60.00Hz Lamp Flux:830x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 2700K	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	275	275	275	275	276	276	275	275	275	275	276	276							
5	273	274	274	275	275	275	274	273	273	273	273	273							
10	269	270	271	272	272	272	270	269	268	267	268	268							
15	262	264	265	266	267	266	264	261	260	259	260	260							
20	252	254	256	258	258	258	254	252	250	249	249	250							
25	240	243	245	247	248	247	243	239	238	236	237	238							
30	226	228	232	234	235	233	228	225	222	222	221	224							
35	211	213	217	218	220	218	213	210	206	205	205	208							
40	194	196	200	202	204	201	196	193	189	188	188	190							
45	176	179	183	184	186	184	179	175	171	170	169	172							
50	157	160	164	166	168	165	160	156	152	151	151	153							
55	138	141	145	147	149	146	141	136	132	131	131	134							
60	117	121	125	128	129	127	121	116	113	111	112	113							
65	97.3	101	105	108	108	107	101	95.9	92.9	91.0	91.8	93.7							
70	78.0	81.9	85.0	88.1	88.5	87.0	81.8	76.6	74.0	72.0	72.9	74.6							
75	59.4	63.1	66.1	69.0	69.3	67.8	63.0	58.2	55.6	54.0	54.7	56.4							
80	42.3	45.6	48.4	51.1	51.3	49.9	45.5	41.3	39.3	37.9	38.5	39.8							
85	27.8	30.5	32.9	35.2	35.4	34.1	30.6	27.1	25.4	24.4	24.9	25.9							
90	16.5	18.5	20.4	22.2	22.3	21.4	18.6	16.2	15.1	14.4	14.7	15.4							
95	8.88	10.3	11.6	12.9	13.0	12.4	10.5	9.03	8.32	7.26	8.06	8.40							
100	3.94	5.37	6.14	5.74	6.84	6.54	4.42	5.07	4.62	3.81	4.40	4.48							
105	2.89	3.22	3.48	3.20	3.65	3.54	3.43	3.49	3.38	3.37	3.26	3.23							
110	2.77	2.77	2.80	2.80	2.77	2.75	3.27	3.51	3.36	3.30	3.20	3.14							
115	2.73	2.67	2.70	2.71	2.70	2.67	3.24	3.61	3.43	3.31	3.22	3.15							
120	2.73	2.61	2.64	2.67	2.68	2.66	3.28	3.74	3.55	3.38	3.28	3.20							
125	2.77	2.59	2.61	2.66	2.68	2.69	3.35	3.84	3.69	3.48	3.36	3.26							
130	2.82	2.62	2.61	2.68	2.70	2.74	3.42	3.88	3.80	3.57	3.46	3.32							
135	2.93	2.71	2.65	2.72	2.77	2.80	3.48	3.89	3.89	3.66	3.55	3.39							
140	3.02	2.81	2.75	2.78	2.86	2.87	3.54	3.89	3.97	3.74	3.62	3.49							
145	3.11	2.93	2.90	2.86	2.96	2.96	3.59	3.85	3.97	3.80	3.68	3.55							
150	3.19	3.07	3.15	2.97	3.08	3.08	3.66	3.79	3.96	3.84	3.73	3.63							
155	3.32	3.22	3.14	3.10	3.20	3.20	3.74	3.80	3.91	3.87	3.80	3.72							
160	3.45	3.36	3.23	3.24	3.34	3.34	3.82	3.82	3.82	3.91	3.82	3.75							
165	3.57	3.40	3.28	3.37	3.47	3.49	3.87	3.86	3.75	3.89	3.86	3.76							
170	3.59	3.51	3.40	3.43	3.55	3.62	3.89	3.76	3.75	3.76	3.86	3.69							
175	3.63	3.51	3.50	3.50	3.53	3.59	3.72	3.74	3.73	3.71	3.73	3.62							
180	3.62	3.63	3.64	3.61	3.56	3.55	3.62	3.62	3.65	3.60	3.57	3.55							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-08

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: