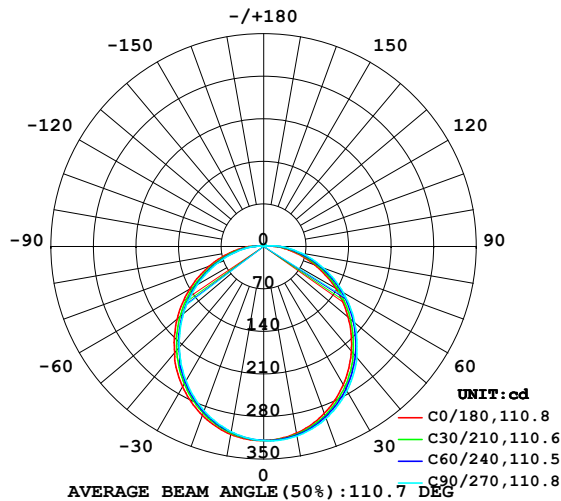


LUMINAIRE PHOTOMETRIC TEST REPORT

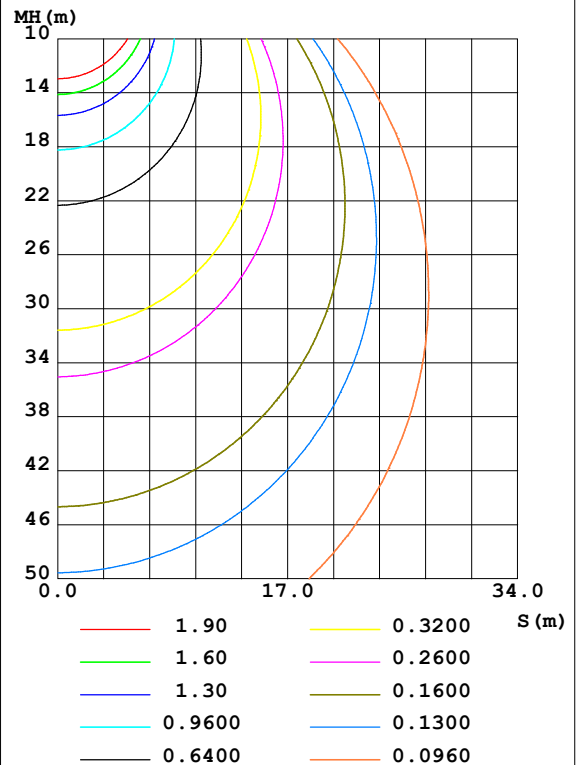
Test:U:120.5V I:0.1310A P:14.50W PF:0.9230 Freq:60.00Hz Lamp Flux:966.098x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 66.63 lm/W			
MODEL		I _{max} (cd)	320.6	S/MH (C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH (C90/270)	1.20
RATED VOLTAGE(V)		TOTAL FLUX(lm)	966.10	η UP,DN(C0-180)	1.8,50.2
NOMINAL FLUX(lm)	966.098	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	311.9	314.4	316.5	316.8	313.8	311.0	309.6	310.7	0- 10	30.20	30.20	3.13,3.13
20	292.3	297.1	300.9	300.8	295.7	290.5	287.6	289.2	10- 20	86.08	116.3	12,12
30	262.3	269.0	274.2	273.8	266.9	259.7	255.8	257.9	20- 30	129.4	245.6	25.4,25.4
40	224.6	231.5	238.9	238.1	228.4	220.3	216.4	218.3	30- 40	154.5	400.1	41.4,41.4
50	181.7	189.6	195.8	195.6	186.1	177.1	172.6	174.9	40- 50	158.9	559.1	57.9,57.9
60	136.4	144.7	151.1	150.6	140.8	131.4	126.6	129.2	50- 60	144.6	703.7	72.8,72.8
70	90.03	98.61	105.3	104.0	95.32	85.67	80.82	83.76	60- 70	114.6	818.3	84.7,84.7
80	48.85	56.21	62.03	60.68	53.24	45.30	41.72	43.98	70- 80	75.62	893.9	92.5,92.5
90	19.31	23.87	27.80	26.88	22.01	17.59	15.81	16.97	80- 90	38.34	932.2	96.5,96.5
100	4.676	7.192	7.182	8.436	5.187	5.536	4.327	5.139	90-100	13.75	946.0	97.9,97.9
110	3.240	3.234	3.291	3.211	3.812	4.006	3.844	3.716	100-110	4.510	950.5	98.4,98.4
120	3.232	3.056	3.115	3.078	3.812	4.273	3.977	3.822	110-120	3.503	954.0	98.7,98.7
130	3.338	3.052	3.107	3.113	3.961	4.523	4.208	4.028	120-130	3.234	957.2	99.1,99.1
140	3.565	3.258	3.201	3.279	4.114	4.643	4.411	4.214	130-140	2.905	960.1	99.4,99.4
150	3.753	3.622	3.444	3.554	4.286	4.566	4.537	4.337	140-150	2.464	962.6	99.6,99.6
160	4.074	3.848	3.754	3.894	4.459	4.474	4.604	4.459	150-160	1.897	964.5	99.8,99.8
170	4.216	4.010	3.961	4.171	4.497	4.376	4.455	4.435	160-170	1.201	965.7	100,100
180	4.216	4.249	4.212	4.139	4.216	4.251	4.204	4.143	170-180	0.4044	966.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 480.26 lm

%lum = 49.7%

%lamp = 49.7%

Conical surface Flux(120deg): 703.72 lm

%lum = 72.8%

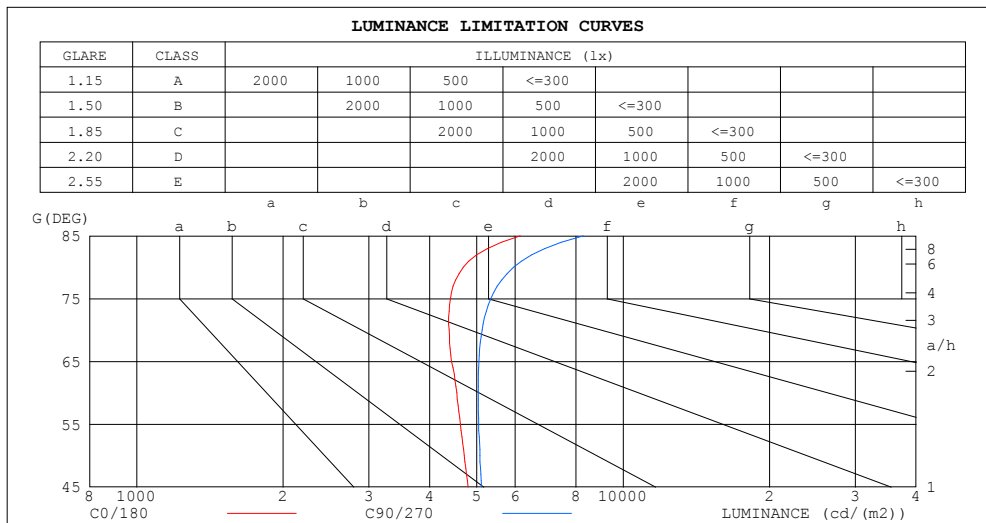
%lamp = 72.8%

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:120.5V I:0.1310A P:14.50W PF:0.9230 Freq:60.00Hz Lamp Flux:966.098x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6145	8275
80	4688	5953
75	4412	5345
70	4387	5131
65	4438	5051
60	4548	5036
55	4628	5049
50	4712	5077
45	4801	5114

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:120.5V I:0.1310A P:14.50W PF:0.9230 Freq:60.00Hz Lamp Flux:966.098x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 4000K	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 Coeffcients(WEC)										
0.0																	
1.0	.335	.191	.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	.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	.124	.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	.046	.061	.042	.027	.020	.014	.009	
6.0	.171	.110	.066	.147	.095	.058	.101	.067	.041	.059	.039	.024	.019	.013	.008	
7.0	.164	.103	.061	.141	.089	.053	.097	.063	.037	.057	.037	.022	.018	.012	.007	
8.0	.157	.097	.056	.135	.084	.049	.094	.059	.035	.054	.035	.021	.018	.011	.007	
9.0	.151	.092	.053	.130	.080	.046	.090	.056	.033	.052	.033	.020	.017	.011	.006	
10.0	.145	.088	.050	.125	.077	.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:120.5V I:0.1310A P:14.50W PF:0.9230 Freq:60.00Hz Lamp Flux:966.098x1 lm											
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 4000K						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	19.7	21.1	20.1	21.4	21.7	20.3	21.7	20.7	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	21.5	22.7	23.1	22.0	23.2	22.4	23.6	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	22.8	23.8	24.2	23.1	24.1	23.6	24.5	24.9
	8H	22.8	23.7	23.2	24.1	24.6	23.6	24.5	24.1	24.9	25.4
	12H	23.2	24.0	23.6	24.4	24.9	24.1	24.9	24.6	25.4	25.9
8H	4H	22.0	22.9	22.4	23.3	23.8	22.5	23.4	22.9	23.8	24.2
	6H	23.0	23.8	23.5	24.2	24.8	23.7	24.4	24.2	24.9	25.4
	8H	23.6	24.2	24.1	24.7	25.2	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	22.0	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	24.3	24.9	23.8	24.4	24.3	24.9	25.5
	8H	23.8	24.4	24.3	24.9	25.4	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 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117, 966.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)

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:120.5V I:0.1310A P:14.50W PF:0.9230 Freq:60.00Hz Lamp Flux:966.098x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

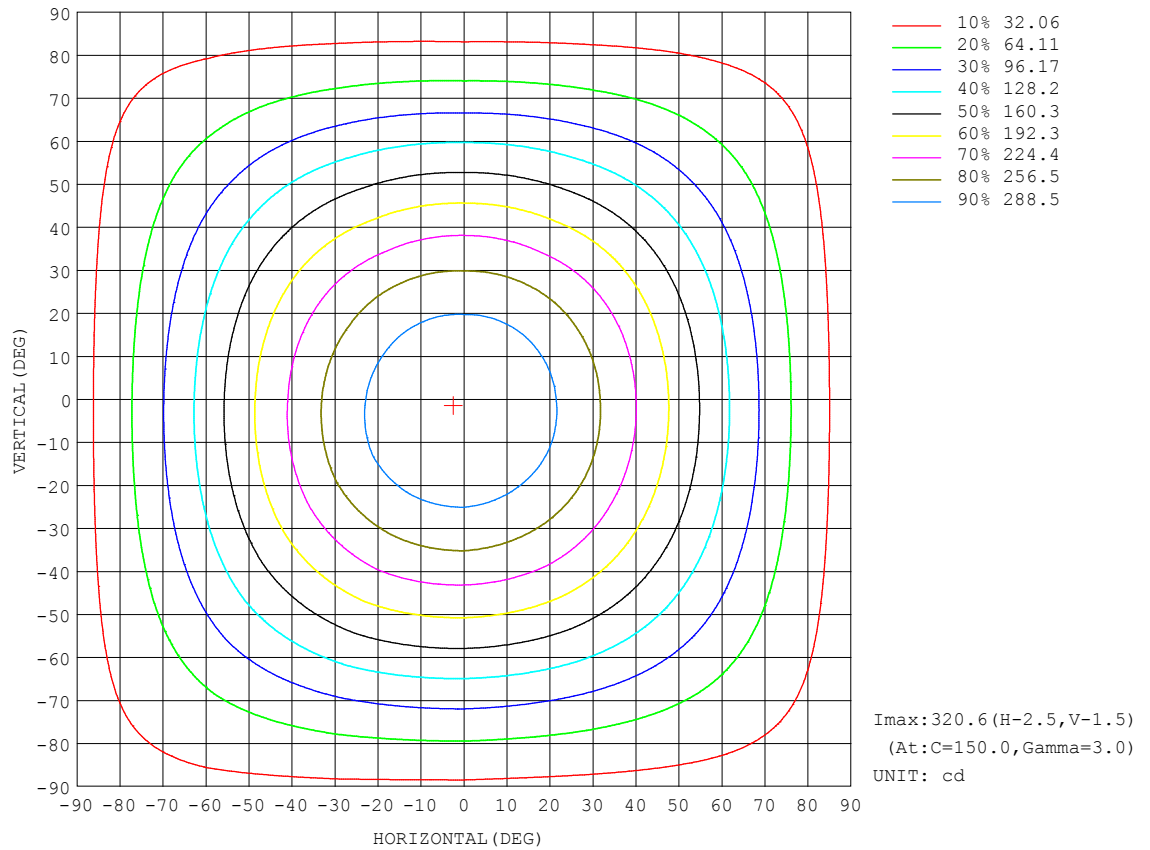
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	65	53	46	64	53	46	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:120.5V I:0.1310A P:14.50W PF:0.9230 Freq:60.00Hz Lamp Flux:966.098x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

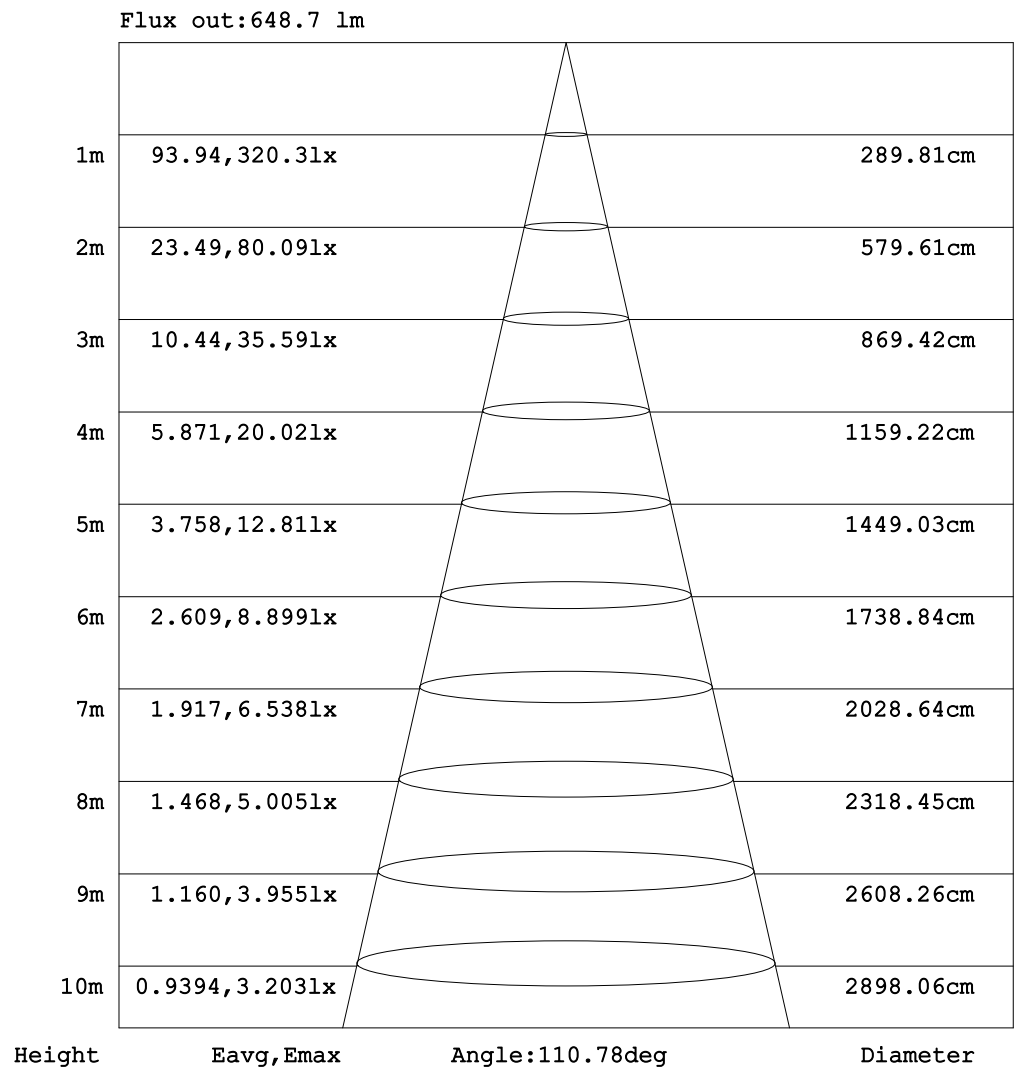


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-05-09

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:120.5V I:0.1310A P:14.50W PF:0.9230 Freq:60.00Hz Lamp Flux:966.098x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

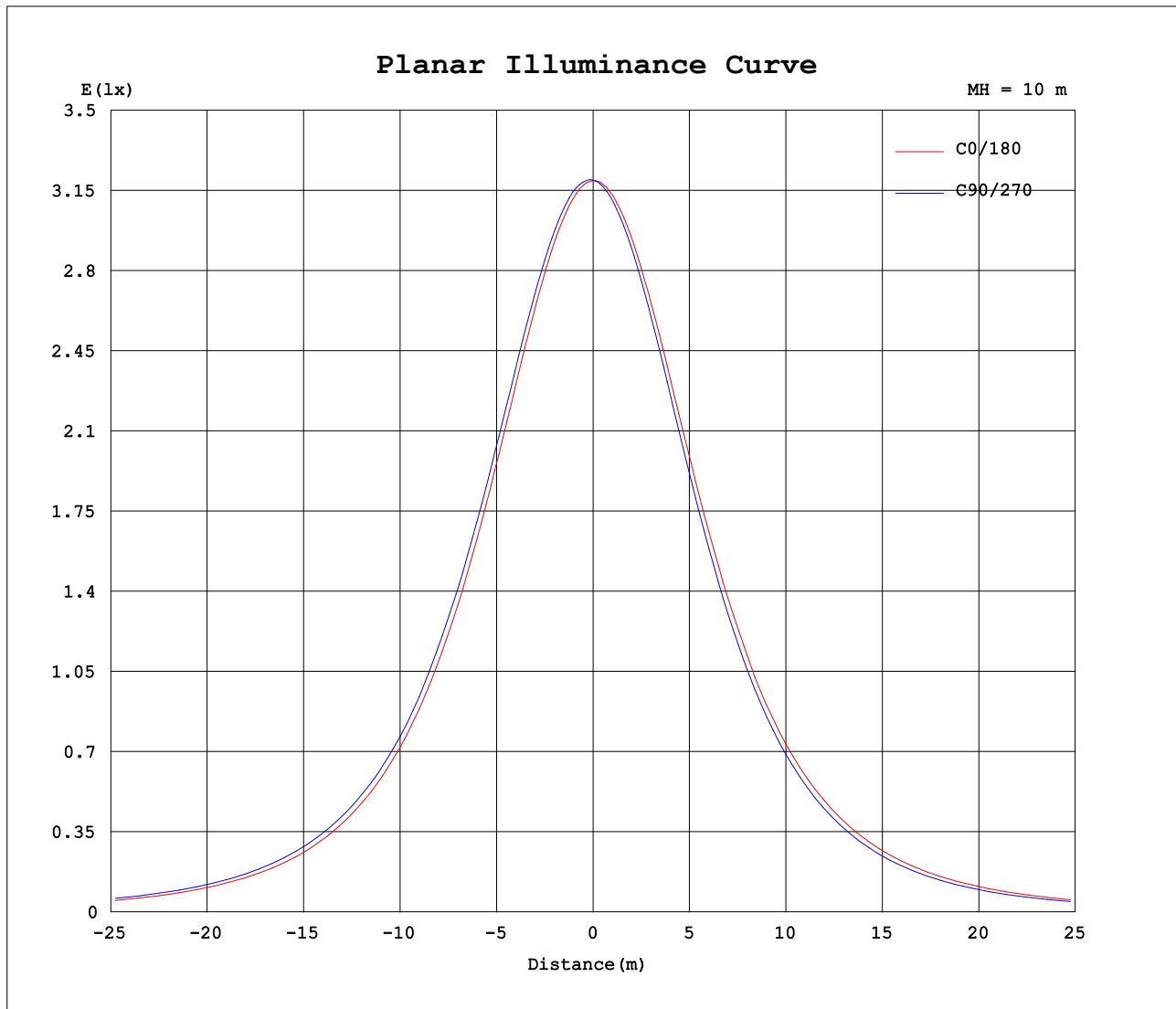


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.5V I:0.1310A P:14.50W PF:0.9230 Freq:60.00Hz Lamp Flux:966.098x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 4000K	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	319	319	319	319	320	320	319	319	319	319	320	320							
5	317	318	319	320	320	320	318	317	316	316	317	317							
10	312	314	315	316	317	317	314	312	310	310	310	311							
15	304	306	308	310	311	310	306	303	301	300	301	302							
20	292	296	298	301	301	300	296	292	289	288	288	290							
25	279	283	286	289	289	288	282	278	275	273	274	275							
30	262	267	271	274	275	273	267	261	258	256	257	259							
35	244	250	253	257	258	256	249	243	240	237	238	240							
40	225	229	234	239	239	237	228	223	218	216	216	220							
45	204	208	214	217	219	215	208	202	196	195	195	199							
50	182	187	193	196	197	194	186	180	174	173	173	177							
55	159	164	170	174	175	171	164	157	151	150	150	154							
60	136	142	148	151	152	149	141	134	129	127	127	131							
65	113	119	125	128	129	126	118	110	105	103	104	108							
70	90.0	96.2	101	105	105	103	95.3	87.7	83.6	80.8	82.2	85.3							
75	68.5	74.3	79.0	83.0	83.0	80.3	73.4	66.4	62.5	60.1	61.4	64.2							
80	48.8	54.1	58.4	62.0	62.0	59.4	53.2	47.0	43.6	41.7	42.8	45.2							
85	32.1	36.4	40.1	43.3	43.2	40.9	35.7	30.7	28.2	26.7	27.5	29.4							
90	19.3	22.4	25.3	27.8	27.8	26.0	22.0	18.5	16.7	15.8	16.3	17.6							
95	10.4	12.7	14.7	16.4	16.4	15.3	12.5	10.4	9.29	7.99	8.95	9.55							
100	4.68	6.58	7.80	7.18	8.74	8.14	5.19	5.84	5.23	4.33	5.03	5.25							
105	3.39	3.81	4.28	3.86	4.55	4.32	3.99	4.06	3.91	3.90	3.81	3.76							
110	3.24	3.20	3.26	3.29	3.23	3.19	3.81	4.09	3.92	3.84	3.75	3.68							
115	3.21	3.10	3.16	3.17	3.13	3.08	3.78	4.22	4.01	3.89	3.80	3.68							
120	3.23	3.04	3.08	3.11	3.10	3.06	3.81	4.37	4.17	3.98	3.89	3.76							
125	3.26	3.03	3.02	3.08	3.08	3.08	3.88	4.49	4.35	4.09	4.00	3.86							
130	3.34	3.09	3.01	3.11	3.10	3.13	3.96	4.55	4.50	4.21	4.11	3.95							
135	3.46	3.19	3.08	3.13	3.16	3.20	4.04	4.58	4.63	4.32	4.21	4.04							
140	3.57	3.32	3.20	3.20	3.26	3.30	4.11	4.58	4.70	4.41	4.30	4.13							
145	3.67	3.46	3.39	3.30	3.39	3.42	4.18	4.53	4.72	4.49	4.36	4.18							
150	3.75	3.63	3.61	3.44	3.56	3.55	4.29	4.45	4.68	4.54	4.42	4.25							
155	3.91	3.80	3.67	3.61	3.74	3.73	4.37	4.43	4.64	4.58	4.47	4.34							
160	4.07	3.95	3.75	3.75	3.89	3.90	4.46	4.44	4.51	4.60	4.52	4.40							
165	4.22	3.98	3.80	3.92	4.05	4.08	4.50	4.46	4.39	4.59	4.54	4.40							
170	4.22	4.08	3.94	3.96	4.15	4.20	4.50	4.38	4.38	4.46	4.55	4.32							
175	4.25	4.08	4.05	4.06	4.10	4.16	4.32	4.36	4.35	4.32	4.38	4.24							
180	4.22	4.24	4.25	4.21	4.16	4.12	4.22	4.23	4.27	4.20	4.16	4.12							

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: