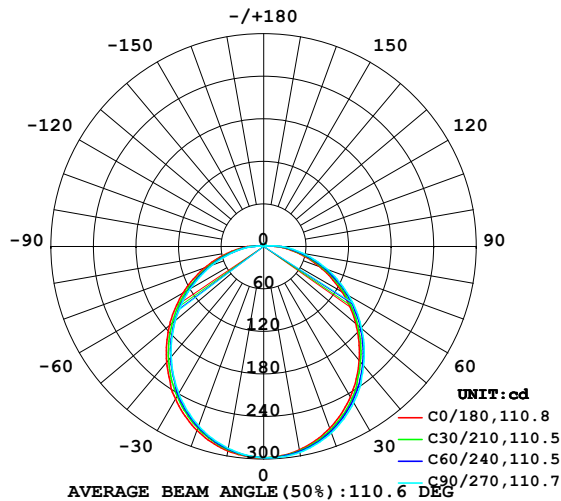


LUMINAIRE PHOTOMETRIC TEST REPORT

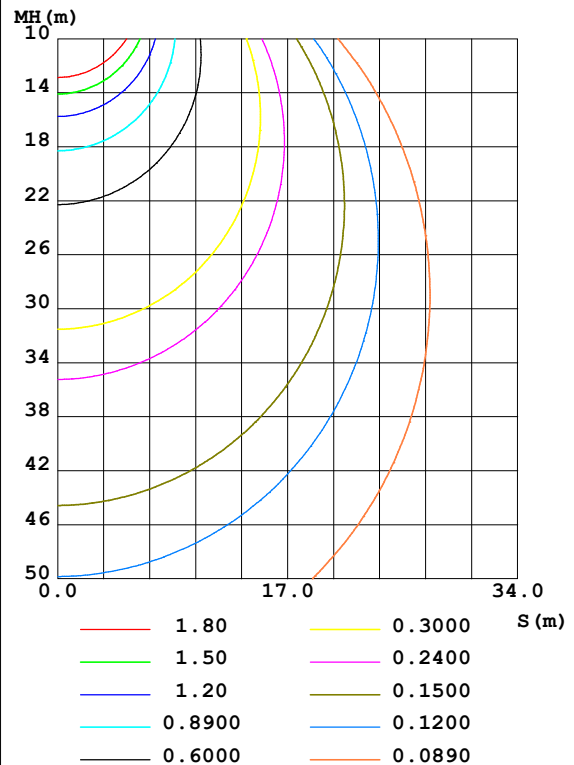
Test:U:120.4V I:0.1300A P:14.50W PF:0.9240 Freq:60.00Hz Lamp Flux:899.879x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 62.06 lm/W			
MODEL		I _{max} (cd)	298.8	S/MH (C0/180)	1.24
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.20
RATED VOLTAGE (V)		TOTAL FLUX (lm)	899.88	η UP, DN (C0-180)	1.8, 49.9
NOMINAL FLUX (lm)	899.879	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 46.6
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	291.0	293.0	294.8	294.8	292.7	290.5	289.2	289.9	0- 10	28.17	28.17	3.13,3.13
20	273.0	276.6	279.6	279.5	275.9	271.6	269.0	270.2	10- 20	80.28	108.4	12.1,12.1
30	244.9	250.0	254.2	254.1	248.9	242.9	239.6	241.3	20- 30	120.6	229.1	25.5,25.5
40	209.7	214.9	219.2	219.6	213.0	206.5	203.2	204.5	30- 40	143.8	372.8	41.4,41.4
50	169.7	175.8	180.5	180.8	173.6	166.2	162.7	164.2	40- 50	148.1	521.0	57.9,57.9
60	127.4	133.8	138.8	138.8	131.4	123.8	119.6	121.8	50- 60	134.8	655.8	72.9,72.9
70	84.24	90.86	96.15	95.43	88.84	81.09	77.29	79.40	60- 70	106.7	762.5	84.7,84.7
80	45.74	51.41	56.00	55.18	49.53	43.35	40.43	42.01	70- 80	70.50	833.1	92.6,92.6
90	17.95	21.47	24.54	23.98	20.36	16.85	15.38	16.22	80- 90	35.56	868.6	96.5,96.5
100	4.295	6.387	6.377	7.384	4.816	5.264	4.104	4.809	90-100	12.58	881.2	97.9,97.9
110	3.021	3.050	3.052	3.001	3.554	3.728	3.573	3.446	100-110	4.146	885.3	98.4,98.4
120	2.993	2.897	2.931	2.905	3.566	3.961	3.683	3.522	110-120	3.268	888.6	98.7,98.7
130	3.087	2.868	2.946	2.958	3.710	4.177	3.890	3.693	120-130	3.017	891.6	99.1,99.1
140	3.307	3.046	3.044	3.115	3.832	4.275	4.078	3.863	130-140	2.704	894.3	99.4,99.4
150	3.487	3.383	3.244	3.350	3.969	4.212	4.180	4.004	140-150	2.290	896.6	99.6,99.6
160	3.761	3.599	3.527	3.638	4.161	4.159	4.251	4.133	150-160	1.765	898.4	99.8,99.8
170	3.918	3.757	3.734	3.908	4.235	4.081	4.083	4.108	160-170	1.118	899.5	100,100
180	3.938	3.949	3.926	3.867	3.941	3.951	3.918	3.871	170-180	0.3777	899.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 447.51 lm

%lum = 49.7%

%lamp = 49.7%

Conical surface Flux(120deg): 655.81 lm

%lum = 72.9%

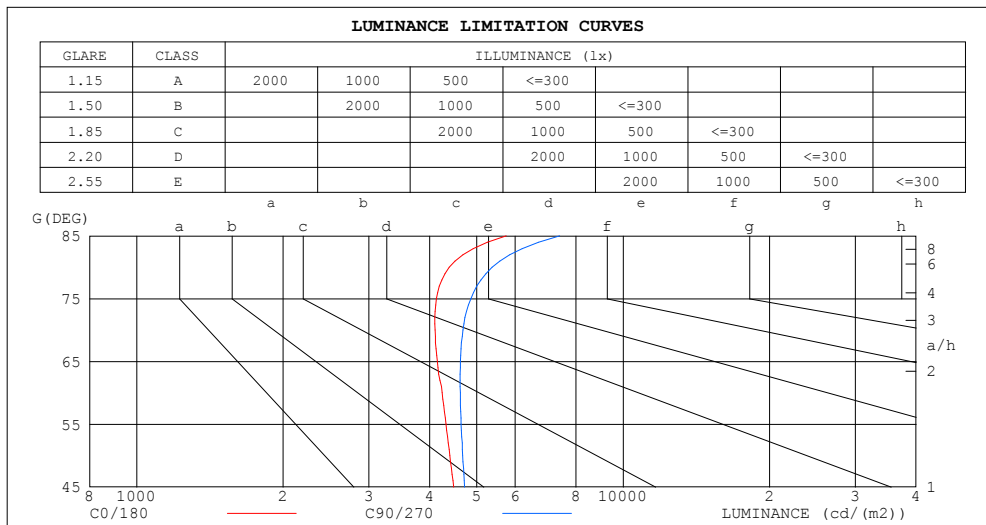
%lamp = 72.9%

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

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:0.1300A P:14.50W PF:0.9240 Freq:60.00Hz Lamp Flux:899.879x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5746	7406
80	4391	5375
75	4131	4862
70	4105	4686
65	4150	4631
60	4248	4626
55	4323	4645
50	4401	4680
45	4482	4723

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:0.1300A P:14.50W PF:0.9240 Freq:60.00Hz Lamp Flux:899.879x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3000K	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	.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	.185	.185	.185	.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	.141	.100	.165	.122	.087	.114	.085	.061	.066	.049	.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	.146	.095	.058	.101	.066	.041	.059	.039	.024	.019	.013	.008		
7.0	.163	.103	.060	.141	.089	.053	.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	.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	.018	.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:0.1300A P:14.50W PF:0.9240 Freq:60.00Hz Lamp Flux:899.879x1 lm											
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3000K						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	20.5	
	3H	19.7	21.1	20.1	21.4	21.7	20.2	21.6	20.6	21.9	22.2
	4H	20.5	21.8	20.9	22.1	22.5	21.1	22.4	21.4	22.7	23.0
	6H	21.2	22.4	21.5	22.7	23.1	21.8	23.1	22.2	23.4	23.8
	8H	21.5	22.7	21.9	23.0	23.4	22.2	23.4	22.6	23.8	24.1
	12H	21.8	22.9	22.2	23.3	23.7	22.6	23.8	23.0	24.1	24.5
4H	2H	18.8	20.1	19.2	20.4	20.8	19.0	20.4	19.4	20.7	21.0
	3H	20.6	21.8	21.1	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	23.1	22.4	23.5	23.9
	6H	22.4	23.3	22.8	23.7	24.2	23.0	23.9	23.4	24.3	24.8
	8H	22.8	23.6	23.2	24.1	24.5	23.5	24.3	23.9	24.8	25.2
	12H	23.2	24.0	23.6	24.4	24.9	24.0	24.8	24.4	25.2	25.7
8H	4H	22.0	22.8	22.4	23.3	23.7	22.4	23.2	22.8	23.7	24.1
	6H	23.0	23.7	23.5	24.2	24.7	23.5	24.3	24.0	24.8	25.3
	8H	23.5	24.2	24.1	24.7	25.2	24.2	24.8	24.7	25.3	25.8
	12H	24.1	24.7	24.6	25.2	25.7	24.8	25.4	25.4	25.9	26.5
12H	4H	22.0	22.8	22.5	23.3	23.8	22.4	23.2	22.9	23.7	24.1
	6H	23.2	23.8	23.7	24.3	24.8	23.7	24.3	24.2	24.8	25.3
	8H	23.8	24.3	24.3	24.9	25.4	24.4	24.9	24.9	25.4	26.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117, 899.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)

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:0.1300A P:14.50W PF:0.9240 Freq:60.00Hz Lamp Flux:899.879x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

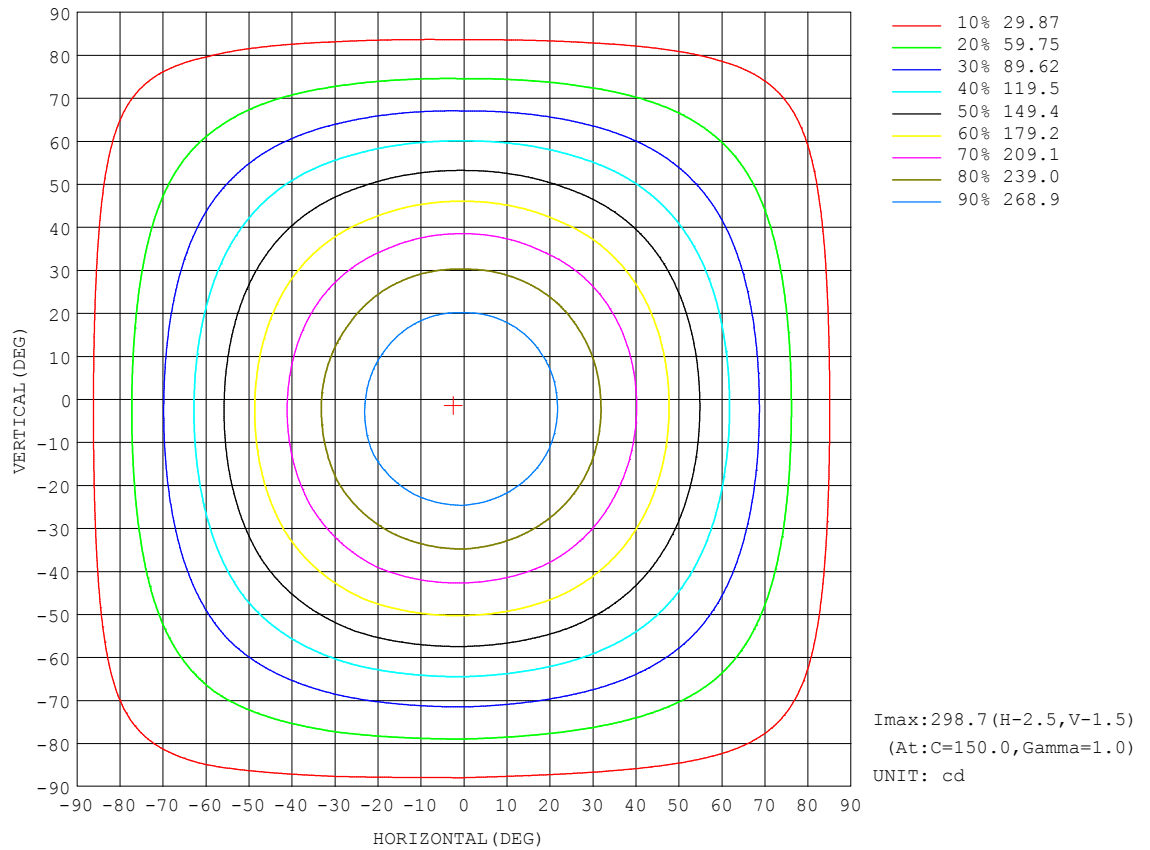
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	65	53	46	64	53	46	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:2024-05-09

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:0.1300A P:14.50W PF:0.9240 Freq:60.00Hz Lamp Flux:899.879x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

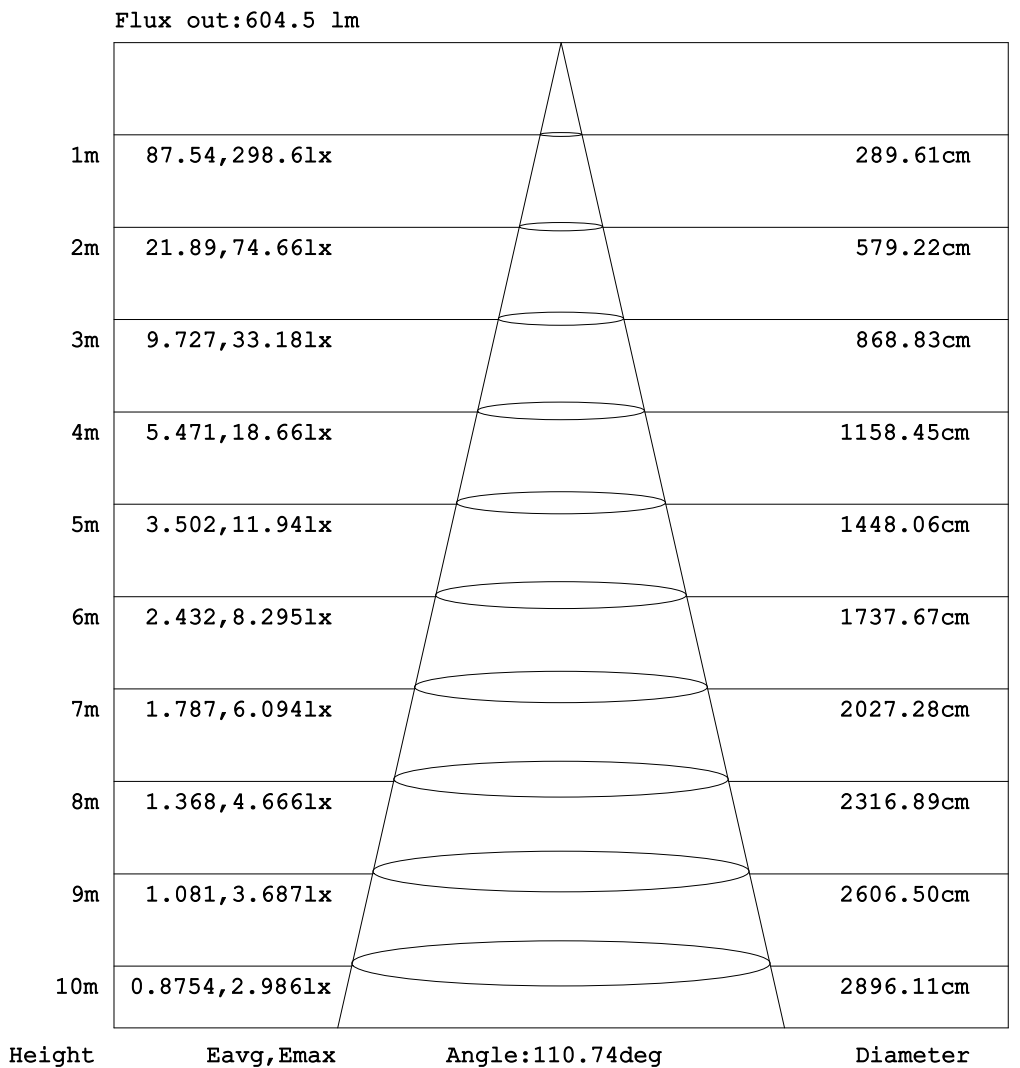


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-09

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:0.1300A P:14.50W PF:0.9240 Freq:60.00Hz Lamp Flux:899.879x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:6寸	Shielding Angle:

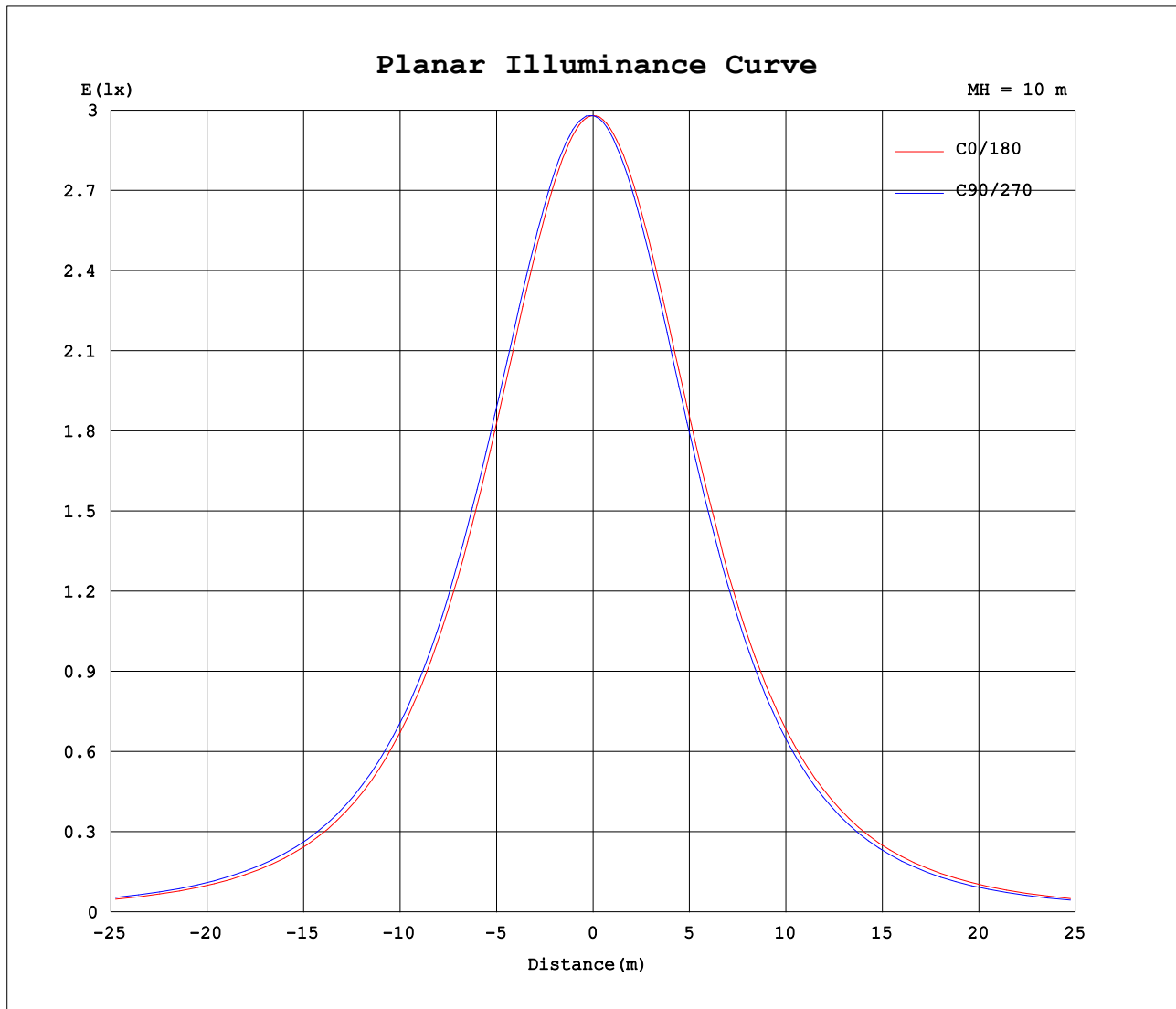


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1300A P:14.50W PF:0.9240 Freq:60.00Hz Lamp Flux:899.879x1 lm		
NAME: DSK6F-1-15DOB-95C-120D-WH 整灯 3000K	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	298	298	298	298	298	299	298	298	298	298	298	299							
5	296	297	297	298	298	298	298	297	296	295	295	295	296						
10	291	293	294	295	295	295	293	291	290	289	290	290							
15	283	286	287	288	289	288	286	283	282	280	281	282							
20	273	276	278	280	280	279	276	272	271	269	270	271							
25	260	263	266	268	268	268	263	259	257	255	256	257							
30	245	249	251	254	255	254	249	244	242	240	240	242							
35	228	231	235	239	239	238	231	227	223	222	222	225							
40	210	213	217	219	221	218	213	209	204	203	203	206							
45	190	193	198	200	202	199	194	189	184	183	183	186							
50	170	173	178	181	182	179	174	169	164	163	162	166							
55	149	153	157	160	161	159	153	148	143	141	141	145							
60	127	131	136	139	140	137	131	126	121	120	120	123							
65	105	110	114	117	118	116	110	104	100	97.9	98.9	101							
70	84.2	89.0	92.7	96.2	96.4	94.5	88.8	82.8	79.4	77.3	78.3	80.5							
75	64.2	68.6	72.2	75.5	75.6	73.7	68.5	62.9	59.8	57.9	58.8	60.8							
80	45.7	49.7	53.1	56.0	56.1	54.3	49.5	44.7	42.0	40.4	41.1	42.9							
85	30.0	33.3	36.2	38.7	38.8	37.1	33.2	29.2	27.2	26.0	26.6	27.9							
90	18.0	20.4	22.6	24.5	24.6	23.3	20.4	17.5	16.1	15.4	15.7	16.7							
95	9.66	11.4	12.9	14.3	14.4	13.6	11.5	9.86	8.96	7.74	8.59	9.06							
100	4.29	5.95	6.83	6.38	7.57	7.20	4.82	5.53	5.00	4.10	4.79	4.82							
105	3.16	3.51	3.82	3.50	4.01	3.87	3.73	3.80	3.66	3.64	3.55	3.49							
110	3.02	3.04	3.06	3.05	3.02	2.99	3.55	3.81	3.64	3.57	3.49	3.40							
115	2.99	2.94	2.98	2.96	2.94	2.90	3.52	3.92	3.73	3.60	3.52	3.40							
120	2.99	2.88	2.92	2.93	2.92	2.89	3.57	4.06	3.86	3.68	3.59	3.46							
125	3.03	2.85	2.88	2.93	2.92	2.92	3.64	4.17	4.02	3.78	3.69	3.51							
130	3.09	2.87	2.87	2.95	2.93	2.98	3.71	4.21	4.15	3.89	3.79	3.59							
135	3.20	2.96	2.92	2.99	3.01	3.05	3.77	4.23	4.26	3.99	3.88	3.67							
140	3.31	3.08	3.02	3.04	3.10	3.13	3.83	4.22	4.33	4.08	3.96	3.76							
145	3.40	3.21	3.17	3.13	3.23	3.22	3.89	4.17	4.34	4.14	4.02	3.85							
150	3.49	3.36	3.41	3.24	3.36	3.34	3.97	4.11	4.32	4.18	4.07	3.94							
155	3.62	3.51	3.43	3.39	3.50	3.49	4.06	4.13	4.27	4.22	4.15	4.04							
160	3.76	3.67	3.53	3.53	3.64	3.64	4.16	4.15	4.16	4.25	4.19	4.08							
165	3.89	3.71	3.57	3.67	3.78	3.80	4.22	4.19	4.08	4.25	4.21	4.09							
170	3.92	3.82	3.69	3.73	3.87	3.94	4.23	4.08	4.08	4.08	4.21	4.00							
175	3.95	3.82	3.80	3.80	3.84	3.90	4.04	4.07	4.06	4.04	4.07	3.94							
180	3.94	3.95	3.95	3.93	3.88	3.86	3.94	3.94	3.96	3.92	3.88	3.86							

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: