

LUMINAIRE PHOTOMETRIC TEST REPORT

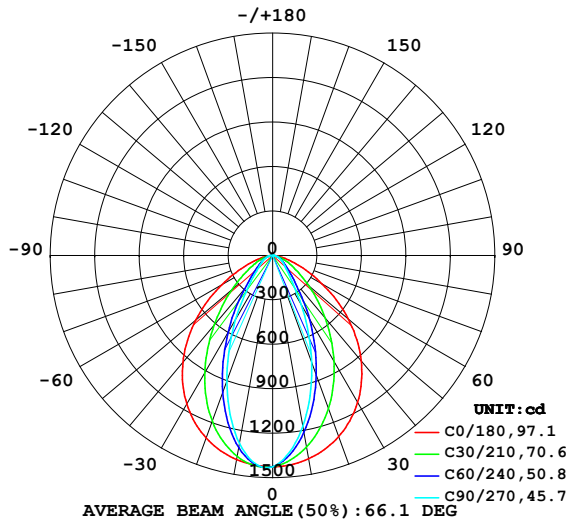
Test:U:230.53V I:0.0792A P:17.759W PF:0.9727 Freq:50.01Hz

Lamp Flux:1935.6x1 lm

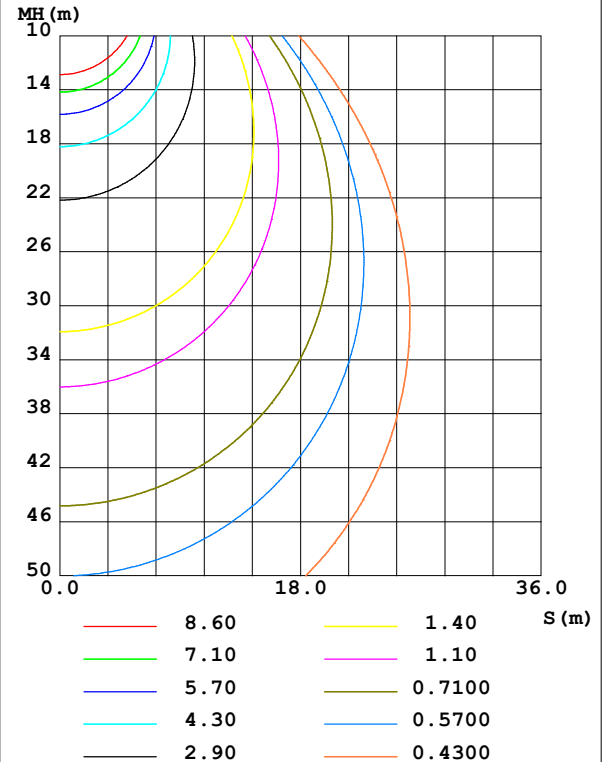
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 108.99 lm/W
MODEL	DFR10	Imax (cd)	1433	S/MH (C0/180)	1.21	
NOMINAL POWER(W)	17	LOR (%)	100.0	S/MH (C90/270)	0.76	
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	1935.6	η UP,DN (C0-180)	0.2,47.1	
NOMINAL FLUX(lm)	1935.6	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.2,52.6	
LAMPS INSIDE	1	η up (%)	0.4	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	220	η down (%)	99.6	CIBSE SHR MAX	0.90	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:23/09/2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8075 LEDÝL LENS

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1394	1263	1172	1265	1399	1344	1290	1348	0- 10	130.3	130.3	6.73, 6.73
20	1302	973.2	771.1	977.7	1312	1076	906.1	1089	10- 20	332.4	462.7	23.9, 23.9
30	1146	644.3	389.8	648.3	1159	733.8	505.2	754.9	20- 30	411.1	873.8	45.1, 45.1
40	930.5	355.2	177.4	358.2	942.5	422.5	228.9	444.9	30- 40	376.2	1250	64.6, 64.6
50	667.3	178.7	104.4	179.6	677.6	210.0	122.4	223.3	40- 50	290.4	1541	79.6, 79.6
60	388.5	96.98	72.12	96.29	398.5	114.5	80.30	122.1	50- 60	199.8	1740	89.9, 89.9
70	171.4	50.49	38.19	49.20	176.5	59.35	51.39	62.59	60- 70	119.8	1860	96.1, 96.1
80	50.13	19.66	16.60	18.45	52.30	24.69	25.74	25.62	70- 80	54.85	1915	98.9, 98.9
90	0.3417	0.2458	0.2566	0.3096	0.7052	1.214	2.534	2.469	80- 90	13.45	1928	99.6, 99.6
100	0.4658	0.3137	0.2922	0.2849	0.5838	0.4489	0.3707	0.2633	90-100	0.4259	1929	99.6, 99.6
110	0.8393	0.4775	0.3600	0.4096	0.9434	0.5270	0.4420	0.4058	100-110	0.4756	1929	99.7, 99.7
120	1.334	0.7555	0.5058	0.6767	1.427	0.7335	0.5704	0.6974	110-120	0.6691	1930	99.7, 99.7
130	1.797	1.201	0.8085	1.097	1.908	1.090	0.8130	1.125	120-130	0.9056	1931	99.8, 99.8
140	2.398	1.775	1.322	1.631	2.324	1.549	1.262	1.676	130-140	1.131	1932	99.8, 99.8
150	2.647	2.405	2.041	2.208	2.786	2.066	1.929	2.296	140-150	1.253	1933	99.9, 99.9
160	3.070	3.018	2.811	2.792	3.170	2.679	2.656	2.915	150-160	1.190	1934	99.9, 99.9
170	3.483	3.467	3.321	3.379	3.437	3.263	3.312	3.300	160-170	0.8759	1935	100, 100
180	3.548	3.502	3.493	3.500	3.540	3.495	3.482	3.492	170-180	0.3270	1936	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1406.8 lm

%lum = 72.7%

%lamp = 72.7%

Conical surface Flux(120deg): 1740.3 lm

%lum = 89.9%

%lamp = 89.9%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8075 LEDÝL LENS

LUMINANCE LIMITATION CURVES

Test:U:230.53V I:0.0792A P:17.759W PF:0.9727 Freq:50.01Hz

Lamp Flux:1935.6x1 lm

NAME: DFR

TYPE: LED

WEIGHT: 0,5kg

SPEC.: 17W

DIM.: 10mmX1000mmX20mm

SERIAL No.:

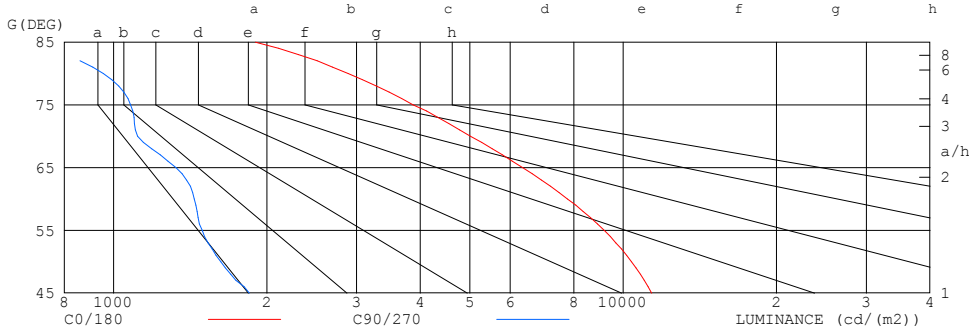
MFR.: LITPA AYDINLATMA

SUR.:

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)

G (DEG)	C0/180	C90/270
85	1897	571
80	2889	955
75	3874	1081
70	5015	1116
65	6346	1326
60	7776	1441
55	9177	1494
50	10390	1623
45	11373	1848

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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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TYPE: LED

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DIM.: 10mmX1000mmX20mm

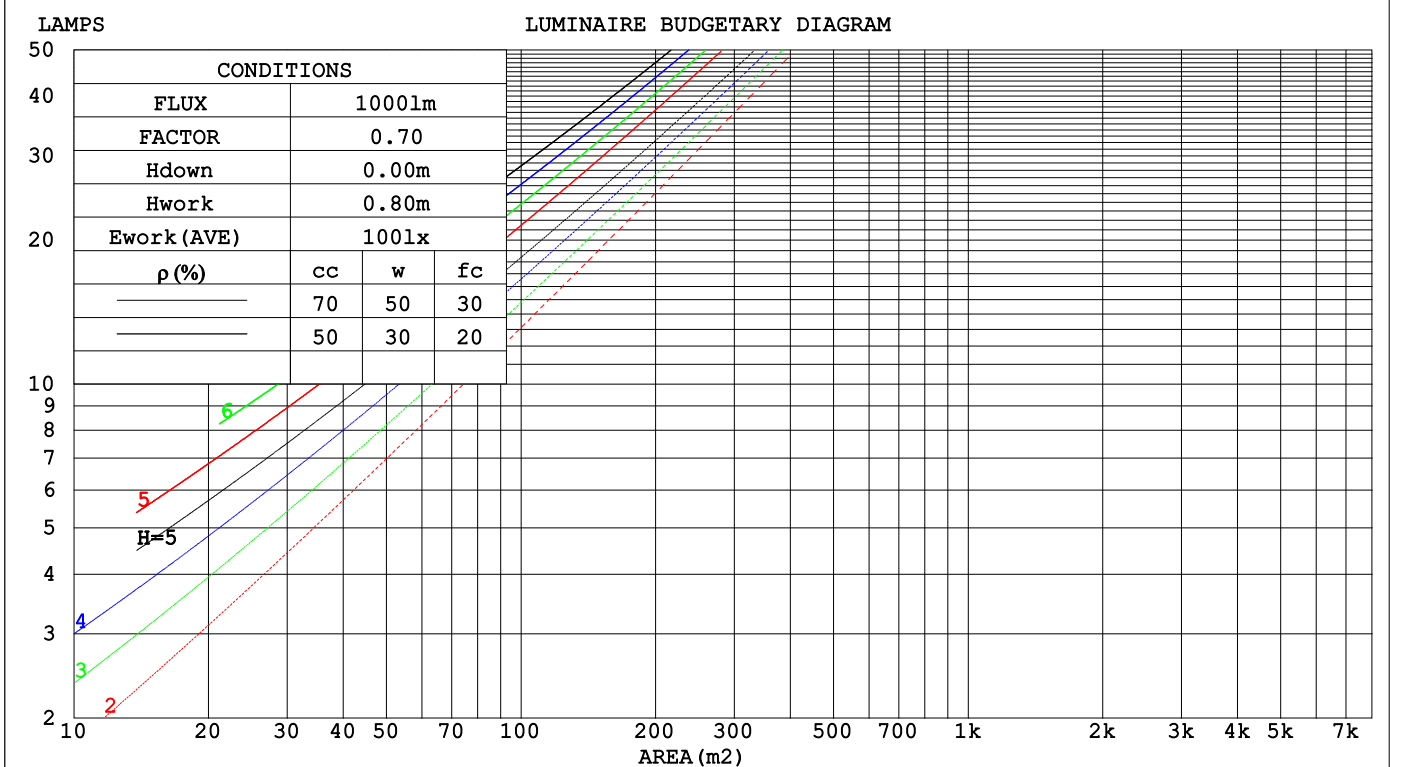
SERIAL No.:

MFR.: LITPA AYDINLATMA

SUR.:

Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.97	.91	.86	.95	.90	.85	.91	.87	.83	.88	.85	.82	.85	.82	.80	.78
3.0	.87	.81	.75	.86	.80	.75	.83	.78	.73	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.76	.70	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.65	.59	.71	.64	.59	.69	.63	.58	.67	.62	.58	.66	.61	.57	.55
6.0	.66	.59	.53	.66	.58	.53	.64	.57	.53	.62	.57	.52	.61	.56	.52	.50
7.0	.61	.54	.49	.61	.53	.48	.59	.53	.48	.58	.52	.48	.56	.51	.47	.46
8.0	.57	.49	.44	.56	.49	.44	.55	.49	.44	.54	.48	.44	.53	.47	.44	.42
9.0	.53	.46	.41	.52	.45	.41	.51	.45	.41	.50	.44	.40	.49	.44	.40	.39
10.0	.49	.42	.38	.49	.42	.38	.48	.42	.38	.47	.41	.37	.46	.41	.37	.36



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 Operators: LITPA
 Test Date: 23/09/2025

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 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
 Humidity: 55.0%
 Test Distance: 7.000m [K=1.0000]
 Remarks: DFR10 17W 8075 LEDÝL LENS

WEC AND CCEC

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SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	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	.243	.138	.044	.236	.134	.043	.222	.128	.041	.210	.121	.039	.199	.115	.037															
2.0	.232	.127	.039	.226	.125	.038	.215	.120	.037	.205	.115	.036	.195	.110	.035															
3.0	.219	.117	.035	.214	.114	.034	.204	.110	.034	.195	.107	.033	.186	.103	.032															
4.0	.205	.107	.031	.201	.105	.031	.192	.102	.030	.184	.099	.030	.176	.096	.029															
5.0	.193	.098	.028	.189	.097	.028	.181	.094	.028	.174	.092	.027	.167	.089	.027															
6.0	.181	.091	.026	.177	.090	.026	.171	.087	.025	.164	.085	.025	.158	.083	.025															
7.0	.170	.084	.024	.167	.083	.024	.161	.081	.023	.155	.080	.023	.150	.078	.023															
8.0	.161	.079	.022	.158	.078	.022	.152	.076	.022	.147	.075	.022	.143	.073	.021															
9.0	.152	.074	.021	.150	.073	.020	.145	.071	.020	.140	.070	.020	.136	.069	.020															
10.0	.144	.069	.019	.142	.069	.019	.137	.067	.019	.133	.066	.019	.129	.065	.019															

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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.179	.160	.143	.153	.137	.123	.104	.094	.085	.060	.055	.049	.019	.018	.016	
2.0	.167	.135	.108	.143	.116	.093	.098	.080	.065	.057	.047	.038	.018	.015	.012	
3.0	.158	.117	.084	.135	.101	.073	.093	.070	.051	.054	.041	.030	.017	.013	.010	
4.0	.149	.103	.068	.128	.089	.059	.088	.062	.041	.051	.036	.025	.016	.012	.008	
5.0	.141	.092	.056	.121	.080	.048	.084	.056	.034	.048	.033	.020	.016	.011	.007	
6.0	.134	.083	.047	.115	.072	.041	.080	.050	.029	.046	.030	.017	.015	.010	.006	
7.0	.128	.076	.040	.110	.066	.035	.076	.046	.025	.044	.027	.015	.014	.009	.005	
8.0	.122	.070	.035	.105	.061	.030	.072	.043	.022	.042	.025	.013	.014	.008	.004	
9.0	.116	.065	.031	.100	.057	.027	.069	.040	.019	.040	.023	.011	.013	.008	.004	
10.0	.111	.061	.027	.096	.053	.024	.066	.037	.017	.039	.022	.010	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3jæ
Operators:LITPA
Test Date:23/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8075 LEDÝL LENS

UGR(Unified Glare Rating) Table

Test:U:230.53V I:0.0792A P:17.759W PF:0.9727 Freq:50.01Hz Lamp Flux:1935.6x1 lm										
NAME: DFR					TYPE: LED			WEIGHT: 0,5kg		
SPEC.: 17W					DIM.: 10mmX1000mmX20mm			SERIAL No.:		
MFR.: LITPA AYDINLATMA					SUR.:			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	17.4	18.7	17.7	18.9	19.1	8.8	10.1	9.1	10.3	10.5
3H	18.4	19.6	18.7	19.8	20.0	9.6	10.8	9.9	11.0	11.2
4H	18.7	19.8	19.0	20.0	20.3	9.9	11.0	10.3	11.3	11.5
6H	18.8	19.9	19.2	20.1	20.4	10.2	11.2	10.5	11.5	11.8
8H	18.9	19.8	19.2	20.1	20.4	10.3	11.3	10.6	11.5	11.8
12H	18.8	19.8	19.2	20.1	20.4	10.3	11.2	10.6	11.5	11.8
4H 2H	17.2	18.3	17.5	18.6	18.8	9.8	10.9	10.1	11.2	11.4
3H	18.3	19.3	18.6	19.5	19.8	10.7	11.6	11.0	11.9	12.2
4H	18.7	19.5	19.0	19.9	20.2	11.1	11.9	11.4	12.2	12.6
6H	18.9	19.7	19.3	20.0	20.4	11.4	12.2	11.8	12.5	12.9
8H	19.0	19.7	19.4	20.0	20.4	11.5	12.2	11.9	12.6	13.0
12H	19.0	19.6	19.4	20.0	20.4	11.5	12.2	12.0	12.6	13.0
8H 4H	18.6	19.3	19.0	19.6	20.0	11.4	12.1	11.8	12.5	12.9
6H	18.8	19.4	19.3	19.8	20.3	11.8	12.4	12.3	12.8	13.3
8H	18.9	19.4	19.4	19.9	20.3	12.0	12.5	12.5	12.9	13.4
12H	19.0	19.4	19.4	19.8	20.3	12.1	12.5	12.5	13.0	13.4
12H 4H	18.5	19.2	19.0	19.6	20.0	11.4	12.1	11.8	12.5	12.9
6H	18.8	19.3	19.3	19.8	20.2	11.9	12.4	12.4	12.8	13.3
8H	18.9	19.3	19.4	19.8	20.3	12.1	12.5	12.6	13.0	13.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.6 / - 0.4					+ 0.6 / - 0.7				
1.5H	+ 1.3 / - 1.7					+ 0.6 / - 0.6				
2.0H	+ 2.4 / - 3.0					+ 0.6 / - 0.6				

CIE Pub.117, 1936 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.3$)
Area: 0.1 m²

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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
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UTILIZATION FACTORS TABLE

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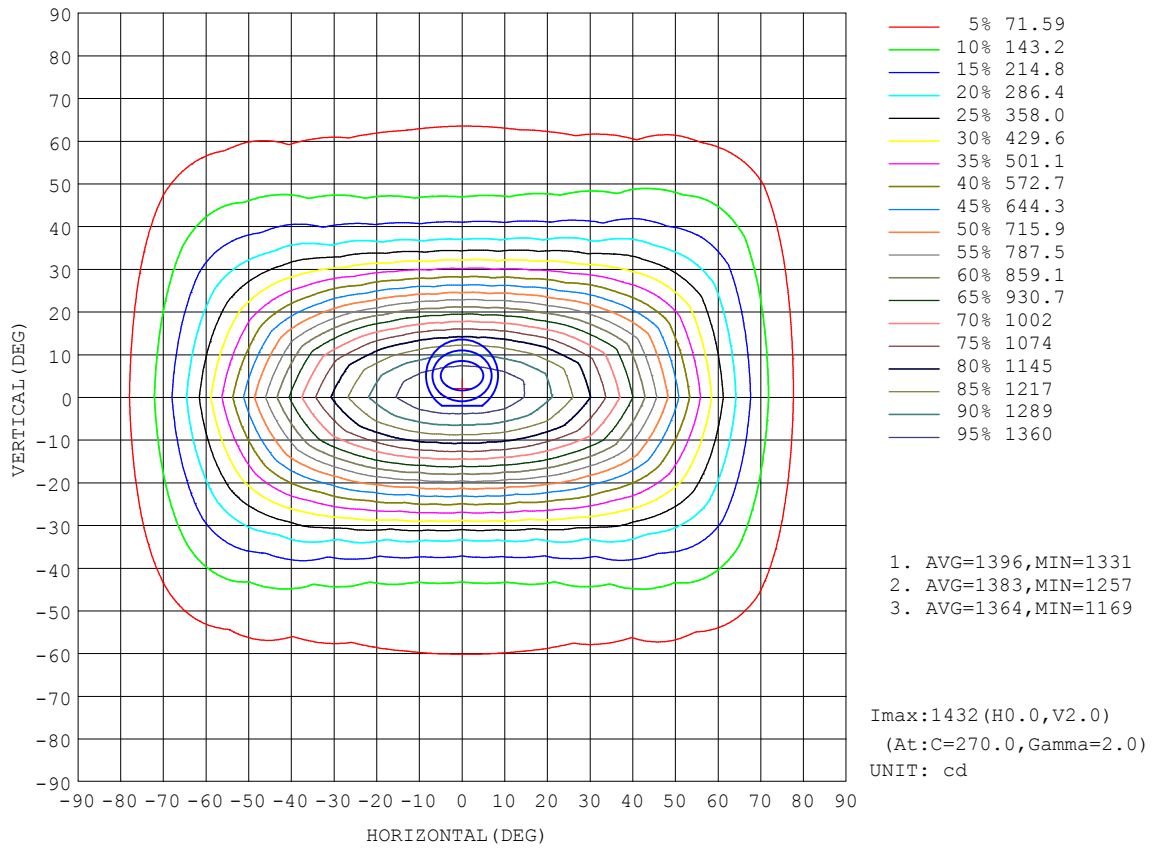
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	60	54	69	60	54	68	59	54	49
0.80	79	70	64	78	69	64	76	68	63	58
1.00	86	77	72	85	77	71	83	77	71	65
1.25	92	84	78	91	83	78	88	82	77	71
1.50	96	89	83	95	88	83	92	86	82	75
2.00	101	95	90	100	94	89	96	91	87	81
2.50	104	98	94	102	97	93	99	94	91	83
3.00	107	101	97	105	100	96	101	97	94	86
4.00	110	105	102	107	104	100	103	100	98	90
5.00	112	108	105	109	106	103	105	102	100	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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ISOCANDELA DIAGRAM

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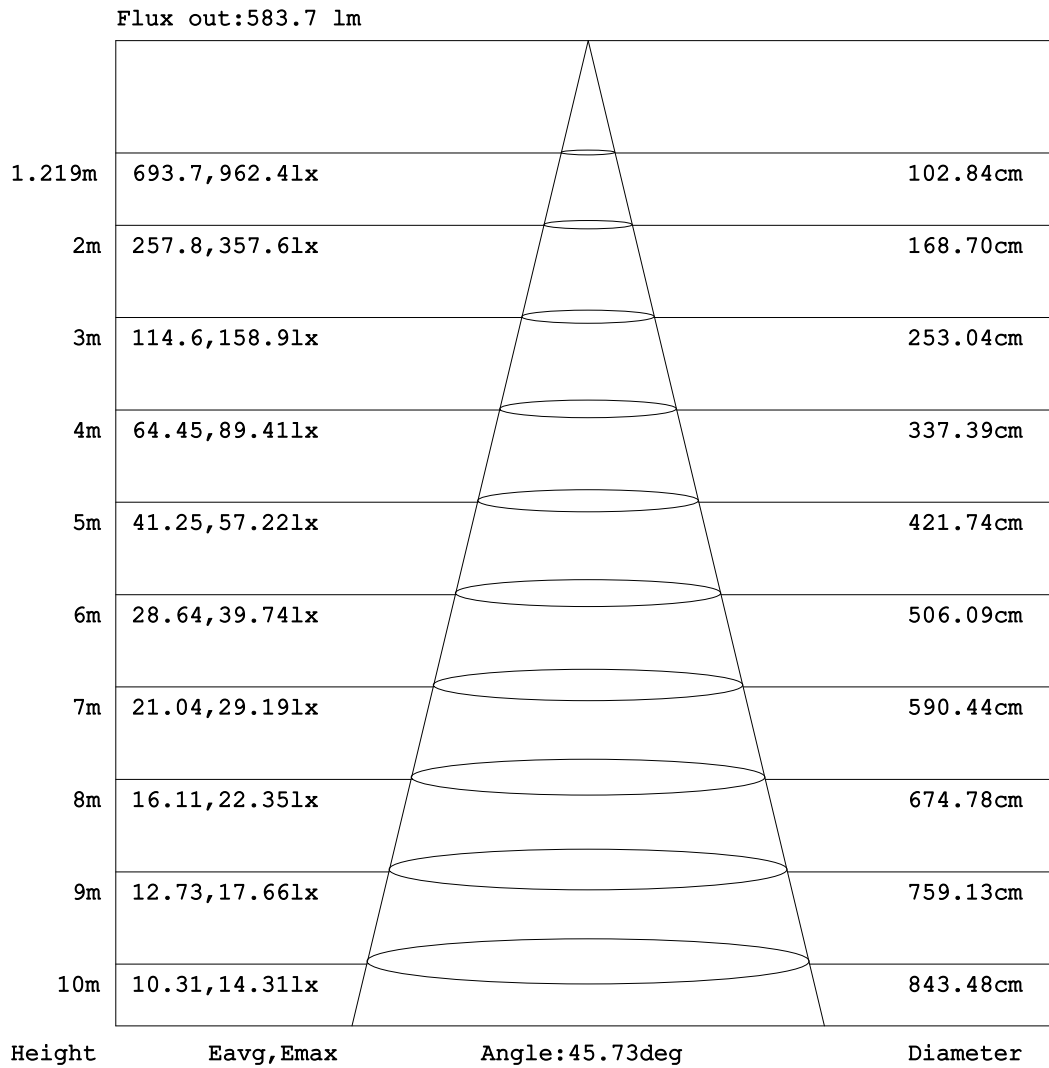


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AAI Figure

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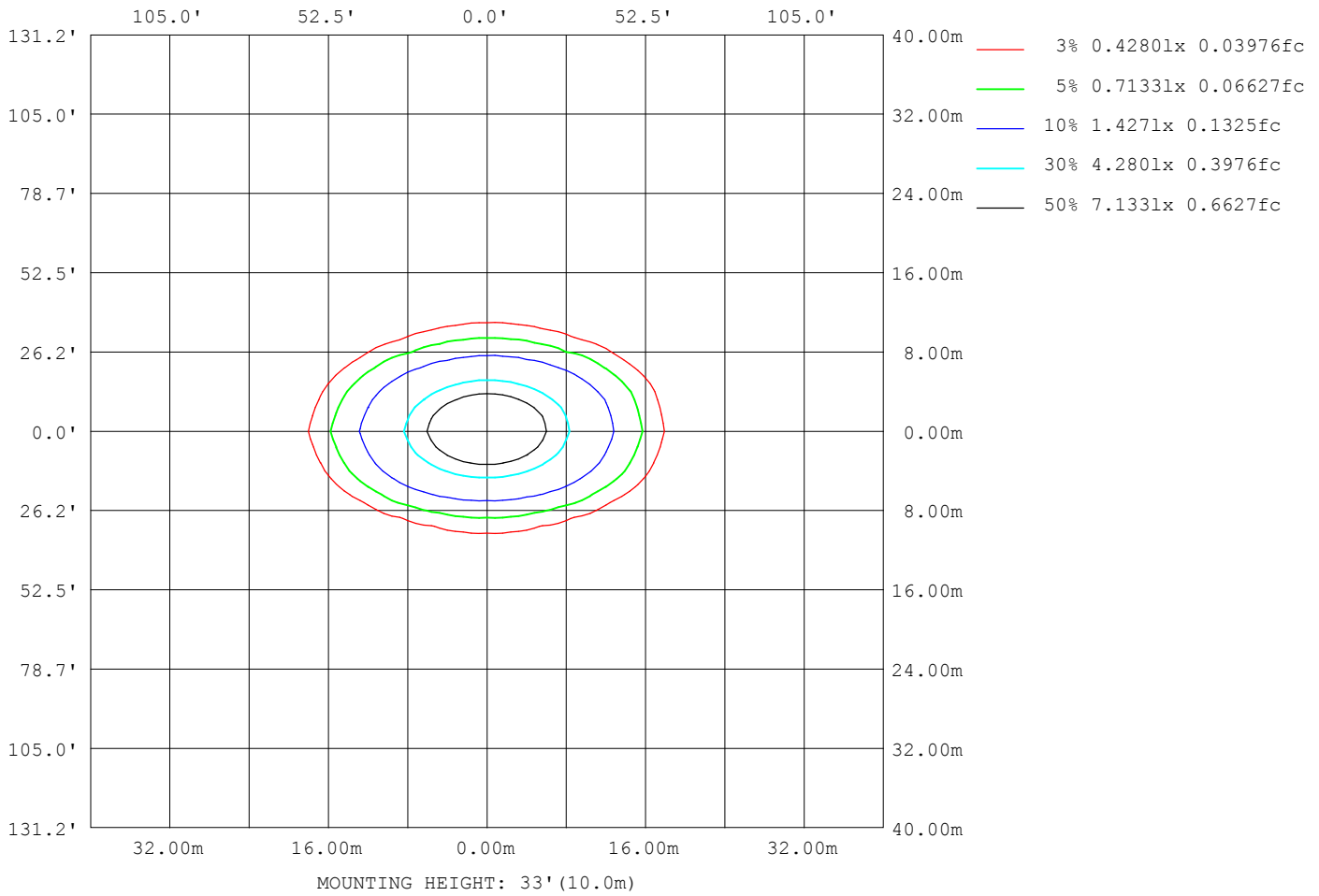
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:23/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8075 LEDÝL LENS

ISOLUX DIAGRAM

Test:U:230.53V I:0.0792A P:17.759W PF:0.9727 Freq:50.01Hz Lamp Flux:1935.6x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:23/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8075 LEDÝL LENS

LED Avg.L Report

Test:U:230.53V I:0.0792A P:17.759W PF:0.9727 Freq:50.01Hz Lamp Flux:1935.6x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

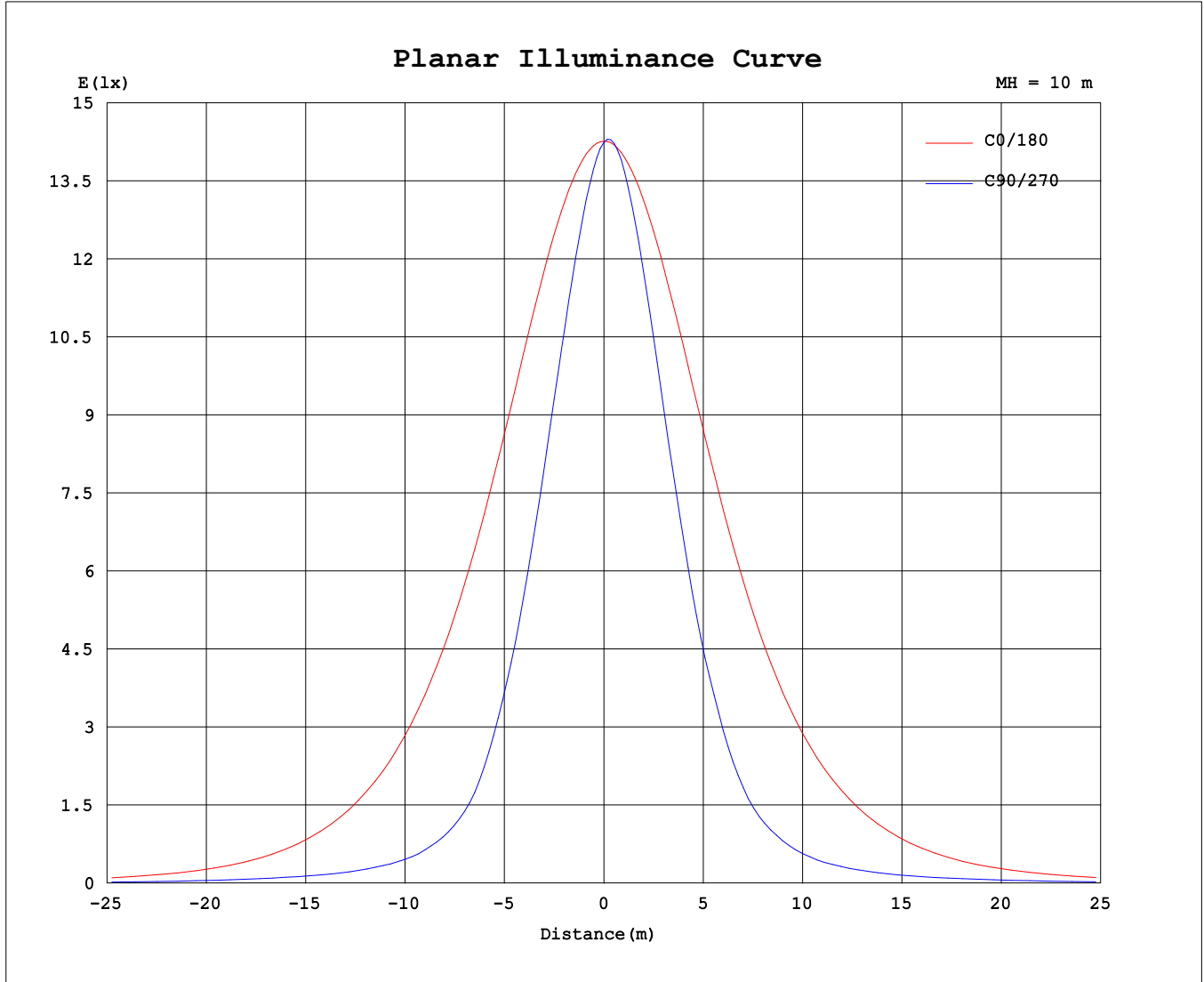
AvgL	cd/m2
L_0~180 (65) av	6438
L_0~180 (75) av	3942
L_0~180 (85) av	1962
L_90~270 (65) av	1466
L_90~270 (75) av	1232
L_90~270 (85) av	1108
L_45 (65) av	1836
L_45 (75) av	1391
L_45 (85) av	1201

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:23/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8075 LEDÝL LENS

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3;æ
Operators: LITPA
Test Date: 23/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 55.0%
Test Distance: 7.000m [K=1.0000]
Remarks: DFR10 17W 8075 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.53V I:0.0792A P:17.759W PF:0.9727 Freq:50.01Hz Lamp Flux:1935.6x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425	1425
5	1417	1405	1386	1367	1348	1337	1332	1338	1349	1368	1387	1405	1420	1423	1423	1417	1413	1406	1407
10	1394	1364	1313	1263	1214	1187	1172	1188	1216	1265	1315	1365	1399	1398	1378	1344	1317	1292	1290
15	1355	1304	1217	1128	1048	999	979	1001	1050	1131	1220	1306	1364	1349	1298	1227	1168	1121	1113
20	1302	1227	1101	973	863	798	771	800	865	978	1106	1231	1312	1280	1192	1076	986	919	906
25	1232	1137	970	809	675	601	571	602	677	813	975	1140	1244	1192	1062	907	792	711	693
30	1146	1033	830	644	504	421	390	423	506	648	834	1036	1159	1087	917	734	603	524	505
35	1045	916	687	494	344	272	252	273	347	498	691	919	1058	967	764	567	437	354	336
40	930	790	551	355	232	191	177	191	234	358	554	791	942	834	615	422	294	239	229
45	804	657	430	245	168	137	131	137	168	247	432	658	815	693	480	295	207	170	162
50	667	528	319	179	125	109	104	108	125	180	320	526	678	553	363	210	150	127	122
55	526	408	229	132	96.2	87.6	85.7	87.3	95.9	132	229	404	536	424	260	154	113	98.7	97.0
60	389	301	165	97.0	75.4	72.9	72.1	72.5	74.8	96.3	164	296	398	313	185	115	87.0	80.2	80.3
65	268	213	117	70.3	60.3	57.9	56.1	57.3	59.5	69.3	115	207	276	221	133	82.2	68.8	67.1	67.8
70	171	138	76.4	50.5	42.9	39.5	38.2	39.0	41.9	49.2	74.0	133	177	145	90.7	59.4	53.7	51.3	51.4
75	100	80.6	44.3	31.5	29.0	28.6	28.0	28.2	28.3	29.9	41.7	75.5	104	86.3	54.8	40.0	36.3	35.3	35.8
80	50.1	38.5	21.2	19.7	18.0	17.4	16.6	16.9	17.1	18.4	19.8	33.8	52.3	43.6	27.9	24.7	25.2	25.2	25.7
85	16.5	11.3	9.03	7.67	6.27	5.71	4.98	5.19	5.33	6.36	7.30	9.51	17.7	13.9	13.8	13.3	13.8	13.8	14.3
90	0.34	0.32	0.29	0.25	0.26	0.28	0.26	0.24	0.26	0.31	0.42	0.49	0.71	0.83	1.25	1.21	1.91	1.83	2.53
95	0.36	0.36	0.29	0.28	0.26	0.30	0.26	0.26	0.25	0.28	0.34	0.39	0.48	0.54	0.52	0.46	0.39	0.36	0.34
100	0.47	0.46	0.36	0.31	0.28	0.33	0.29	0.27	0.25	0.28	0.34	0.47	0.58	0.55	0.53	0.45	0.40	0.36	0.37
105	0.64	0.61	0.46	0.39	0.31	0.36	0.31	0.31	0.26	0.33	0.41	0.60	0.73	0.66	0.60	0.46	0.42	0.37	0.40
110	0.84	0.79	0.58	0.48	0.37	0.41	0.36	0.36	0.31	0.41	0.53	0.78	0.94	0.82	0.68	0.53	0.46	0.41	0.44
115	1.07	1.00	0.76	0.60	0.47	0.47	0.42	0.42	0.40	0.52	0.70	1.01	1.19	1.01	0.82	0.61	0.52	0.47	0.49
120	1.33	1.24	0.98	0.76	0.58	0.57	0.51	0.51	0.52	0.68	0.89	1.25	1.43	1.22	0.98	0.73	0.62	0.53	0.57
125	1.60	1.50	1.23	0.96	0.75	0.70	0.64	0.64	0.66	0.87	1.11	1.46	1.64	1.43	1.17	0.88	0.75	0.64	0.67
130	1.80	1.74	1.49	1.20	0.94	0.87	0.81	0.82	0.87	1.10	1.35	1.69	1.91	1.67	1.36	1.09	0.92	0.80	0.81
135	2.06	1.97	1.77	1.47	1.21	1.10	1.04	1.05	1.10	1.35	1.58	2.01	2.21	1.86	1.60	1.29	1.13	0.99	1.01
140	2.40	2.29	2.07	1.77	1.50	1.38	1.32	1.33	1.39	1.63	1.83	2.14	2.32	2.06	1.88	1.55	1.36	1.25	1.26
145	2.47	2.54	2.35	2.08	1.84	1.71	1.67	1.68	1.72	1.93	2.12	2.34	2.50	2.37	2.08	1.80	1.66	1.54	1.57
150	2.65	2.71	2.57	2.41	2.18	2.08	2.04	2.04	2.06	2.21	2.36	2.61	2.79	2.52	2.32	2.07	1.98	1.88	1.93
155	2.89	2.92	2.90	2.70	2.52	2.45	2.40	2.35	2.42	2.49	2.63	2.81	2.93	2.76	2.57	2.40	2.26	2.24	2.30
160	3.07	3.13	3.09	3.02	2.86	2.81	2.81	2.71	2.69	2.79	2.91	3.10	3.17	2.96	2.84	2.68	2.58	2.58	2.66
165	3.26	3.28	3.26	3.21	3.12	3.15	3.10	3.01	3.02	3.07	3.18	3.27	3.35	3.16	3.07	2.98	2.91	2.88	3.03
170	3.48	3.42	3.38	3.47	3.31	3.37	3.32	3.24	3.32	3.38	3.31	3.42	3.44	3.32	3.30	3.26	3.17	3.15	3.31
175	3.54	3.56	3.49	3.61	3.46	3.48	3.49	3.45	3.40	3.55	3.49	3.50	3.50	3.43	3.48	3.38	3.36	3.34	3.43
180	3.55	3.54	3.50	3.50	3.48	3.47	3.49	3.50	3.50	3.50	3.54	3.54	3.54	3.53	3.52	3.49	3.48	3.44	3.48

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;ø
Operators:LITPA
Test Date:23/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8075 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.53V I:0.0792A P:17.759W PF:0.9727 Freq:50.01Hz Lamp Flux:1935.6x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	1425	1425	1425	1425	1425													
5	1406	1413	1418	1424	1425													
10	1294	1320	1348	1382	1401													
15	1124	1174	1235	1307	1357													
20	924	994	1089	1206	1292													
25	717	804	924	1082	1209													
30	531	616	755	942	1110													
35	360	451	589	794	996													
40	244	306	445	646	869													
45	173	216	315	510	732													
50	129	156	223	392	592													
55	100	117	164	286	459													
60	80.9	89.7	122	204	341													
65	67.6	70.2	88.5	146	242													
70	52.1	54.9	62.6	101	162													
75	35.7	37.7	42.6	61.3	97.8													
80	25.5	25.9	25.6	31.7	51.8													
85	14.2	14.6	14.5	15.3	17.8													
90	2.29	2.80	2.47	2.86	2.39													
95	0.30	0.26	0.24	0.28	0.33													
100	0.30	0.29	0.26	0.37	0.43													
105	0.34	0.32	0.33	0.46	0.57													
110	0.37	0.38	0.41	0.60	0.75													
115	0.43	0.46	0.53	0.78	0.98													
120	0.52	0.57	0.70	0.98	1.22													
125	0.64	0.71	0.89	1.22	1.46													
130	0.80	0.91	1.12	1.45	1.71													
135	1.01	1.15	1.40	1.73	2.01													
140	1.28	1.43	1.68	2.07	2.31													
145	1.60	1.76	1.98	2.30	2.47													
150	1.97	2.11	2.30	2.60	2.70													
155	2.34	2.46	2.63	2.84	2.89													
160	2.69	2.81	2.92	3.04	3.08													
165	3.00	3.07	3.10	3.22	3.26													
170	3.26	3.33	3.30	3.38	3.39													
175	3.41	3.50	3.44	3.49	3.51													
180	3.50	3.51	3.49	3.51	3.55													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:23/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8075 LEDÝL LENS