

LUMINAIRE PHOTOMETRIC TEST REPORT

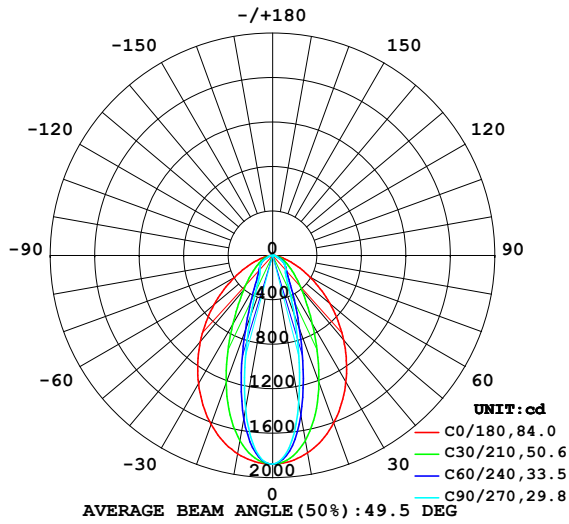
Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz

Lamp Flux:1835.86x1 lm

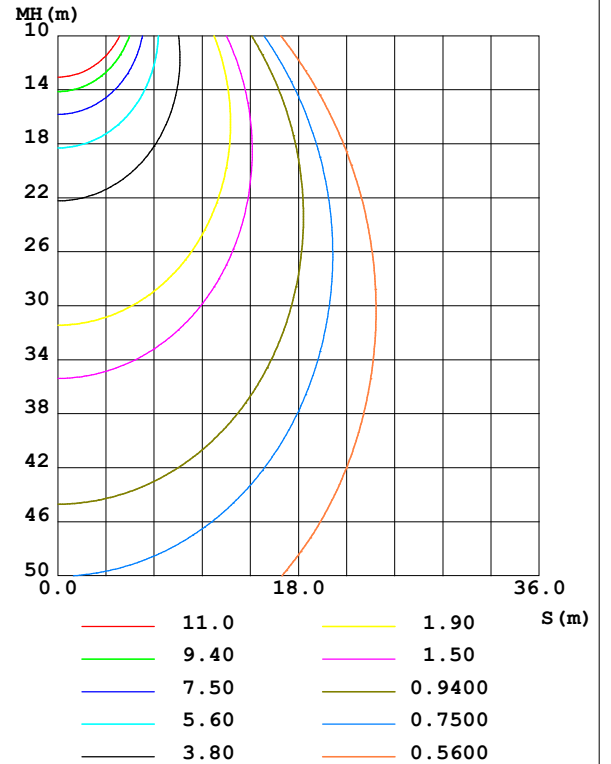
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 103.28 lm/W
MODEL	DFR10	Imax (cd)	1877	S/MH (C0/180)	1.09	
NOMINAL POWER(W)	17	LOR (%)	100.0	S/MH (C90/270)	0.51	
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	1835.9	η UP,DN (C0-180)	0.2,49.5	
NOMINAL FLUX(lm)	1835.86	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.2,50.1	
LAMPS INSIDE	1	η up (%)	0.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	220	η down (%)	99.6	CIBSE SHR MAX	0.60	

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 8073 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	1805	1585	1357	1591	1812	1586	1406	1602	0- 10	165.4	165.4	9.01,9.01
20	1605	926.1	573.3	943.3	1619	924.3	581.4	960.2	10- 20	360.8	526.1	28.7,28.7
30	1318	474.8	261.8	485.8	1334	455.2	256.6	482.2	20- 30	367.0	893.1	48.6,48.6
40	996.0	267.2	182.9	273.5	1012	252.3	181.4	268.6	30- 40	314.4	1208	65.8,65.8
50	674.3	169.0	147.1	170.2	688.1	163.2	151.1	170.1	40- 50	253.2	1461	79.6,79.6
60	386.5	113.6	93.84	113.2	398.0	110.4	103.3	114.5	50- 60	186.7	1647	89.7,89.7
70	175.4	62.63	43.05	61.49	181.9	62.98	46.20	66.48	60- 70	115.1	1763	96,96
80	52.65	20.38	17.59	19.15	55.06	20.47	19.35	22.36	70- 80	53.68	1816	98.9,98.9
90	0.6777	0.4166	0.2780	0.2316	0.4893	0.4155	0.4019	0.6636	80- 90	12.54	1829	99.6,99.6
100	0.6653	0.4237	0.3026	0.2780	0.4950	0.4022	0.4202	0.4739	90-100	0.4436	1829	99.6,99.6
110	0.9142	0.4737	0.3985	0.3920	0.8475	0.4877	0.5092	0.4881	100-110	0.5109	1830	99.7,99.7
120	1.299	0.6233	0.5230	0.5595	1.324	0.6621	0.6302	0.6519	110-120	0.6522	1830	99.7,99.7
130	1.719	0.9440	0.6725	0.8769	1.816	0.9753	0.8012	1.015	120-130	0.8305	1831	99.7,99.7
140	2.369	1.510	1.018	1.386	2.303	1.463	1.161	1.610	130-140	1.027	1832	99.8,99.8
150	2.686	2.272	1.765	2.060	2.833	2.118	1.902	2.386	140-150	1.188	1833	99.9,99.9
160	3.164	3.070	2.790	2.765	3.296	2.823	2.860	3.131	150-160	1.199	1835	99.9,99.9
170	3.665	3.618	3.392	3.439	3.619	3.397	3.535	3.516	160-170	0.9114	1836	100,100
180	3.748	3.632	3.535	3.630	3.719	3.614	3.506	3.638	170-180	0.3399	1836	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1342.1 lm

%lum = 73.1%

%lamp = 73.1%

Conical surface Flux(120deg): 1647.4 lm

%lum = 89.7%

%lamp = 89.7%

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 8073 LEDÝL LENS

LUMINANCE LIMITATION CURVES

Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz

Lamp Flux:1835.86x1 lm

NAME: DFR

TYPE: LED

WEIGHT: 0,5kg

SPEC.: 17W

DIM.: 10mmX1000mmX20mm

SERIAL No.:

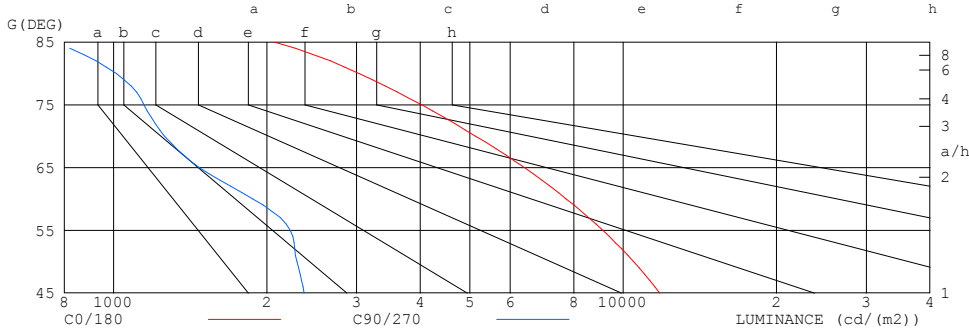
MFR.: LITPA AYDINLATMA

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	2069	759
80	3034	1014
75	4030	1147
70	5133	1259
65	6402	1474
60	7734	1877
55	9124	2223
50	10497	2289
45	11793	2364

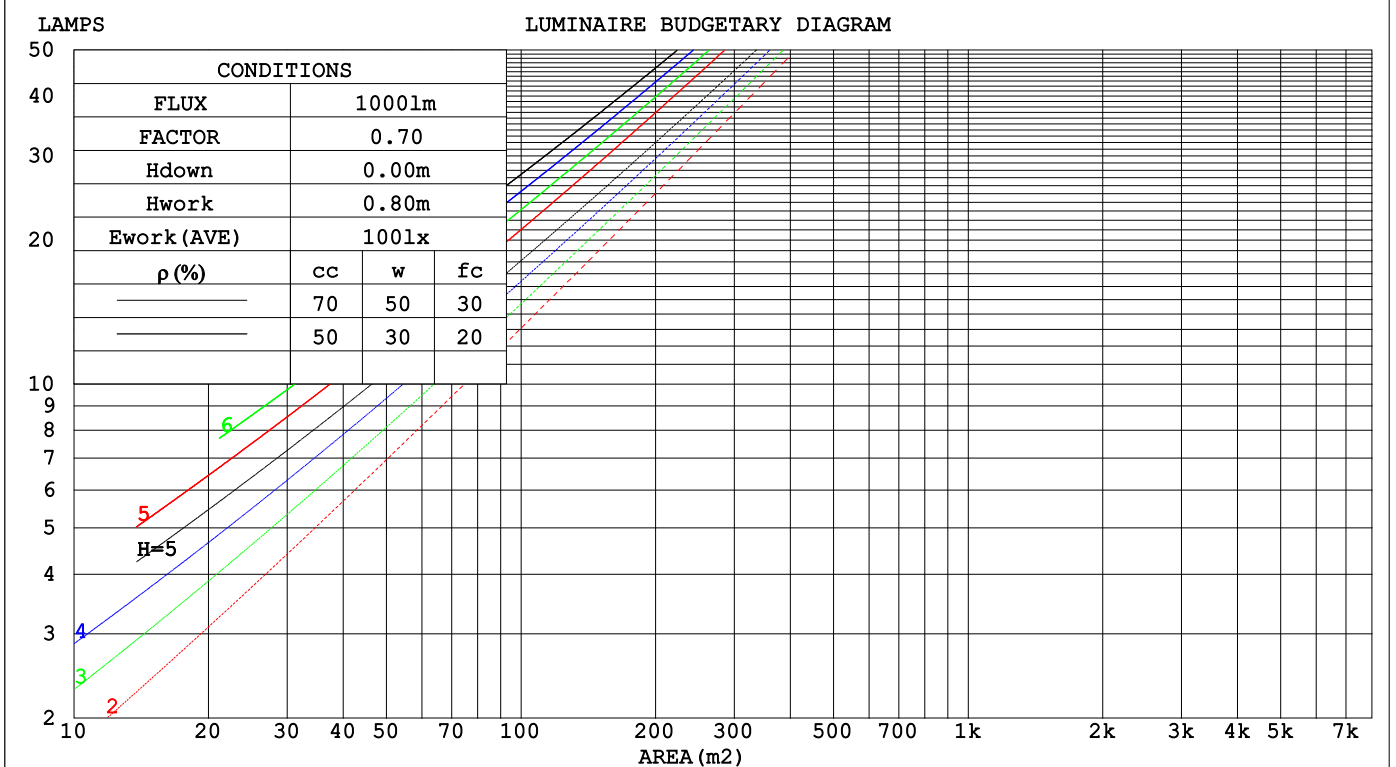
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Test Date:23/09/2025

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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8073 LEDÝL LENS

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	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	1.08	1.04	1.01	1.05	1.02	.00	1.01	.99	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.80	.78
3.0	.88	.81	.76	.87	.80	.76	.84	.79	.74	.81	.77	.73	.79	.75	.72	.70
4.0	.80	.73	.68	.79	.72	.67	.77	.71	.66	.74	.70	.66	.72	.68	.65	.63
5.0	.74	.66	.61	.73	.66	.61	.71	.65	.60	.69	.64	.59	.67	.62	.59	.57
6.0	.68	.61	.55	.67	.60	.55	.65	.59	.55	.64	.58	.54	.62	.58	.54	.52
7.0	.63	.56	.51	.62	.55	.50	.61	.55	.50	.60	.54	.50	.58	.53	.49	.48
8.0	.59	.52	.47	.58	.51	.47	.57	.51	.46	.56	.50	.46	.55	.50	.46	.44
9.0	.55	.48	.43	.54	.48	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41
10.0	.52	.45	.40	.51	.45	.40	.50	.44	.40	.49	.44	.40	.49	.43	.40	.38



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 8073 LEDÝL LENS

WEC AND CCEC

Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz Lamp Flux:1835.86x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
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	.238	.135	.043	.231	.132	.042	.218	.125	.040	.206	.119	.038	.195	.113	.036															
2.0	.228	.125	.038	.222	.122	.038	.210	.117	.036	.200	.112	.035	.190	.108	.034															
3.0	.214	.114	.034	.209	.112	.034	.199	.108	.033	.190	.104	.032	.181	.100	.031															
4.0	.200	.104	.031	.196	.102	.030	.187	.099	.030	.179	.096	.029	.172	.093	.028															
5.0	.188	.096	.028	.184	.094	.027	.176	.092	.027	.169	.089	.027	.162	.087	.026															
6.0	.176	.088	.025	.173	.087	.025	.166	.085	.025	.159	.083	.024	.154	.081	.024															
7.0	.166	.082	.023	.162	.081	.023	.156	.079	.023	.151	.077	.022	.146	.076	.022															
8.0	.156	.076	.021	.153	.076	.021	.148	.074	.021	.143	.072	.021	.138	.071	.021															
9.0	.148	.071	.020	.145	.071	.020	.140	.069	.020	.136	.068	.019	.131	.067	.019															
10.0	.140	.067	.019	.138	.066	.019	.133	.065	.018	.129	.064	.018	.125	.063	.018															

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	.178	.160	.143	.153	.137	.123	.104	.094	.085	.060	.055	.049	.019	.018	.016	
2.0	.167	.135	.109	.143	.116	.094	.098	.081	.066	.056	.047	.038	.018	.015	.013	
3.0	.157	.117	.085	.134	.101	.074	.092	.070	.052	.053	.041	.031	.017	.013	.010	
4.0	.148	.103	.069	.127	.089	.060	.087	.062	.042	.050	.036	.025	.016	.012	.008	
5.0	.140	.092	.057	.120	.080	.049	.083	.056	.035	.048	.033	.021	.015	.011	.007	
6.0	.133	.083	.048	.114	.072	.041	.079	.050	.029	.046	.030	.017	.015	.010	.006	
7.0	.126	.076	.041	.108	.066	.036	.075	.046	.025	.043	.027	.015	.014	.009	.005	
8.0	.120	.070	.036	.103	.061	.031	.071	.043	.022	.042	.025	.013	.013	.008	.004	
9.0	.114	.065	.031	.098	.056	.027	.068	.040	.019	.040	.023	.012	.013	.008	.004	
10.0	.109	.060	.028	.094	.052	.024	.065	.037	.017	.038	.022	.010	.012	.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 8073 LEDÝL LENS

UGR(Unified Glare Rating) Table

Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz Lamp Flux:1835.86x1 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	2H	17.0	18.2	17.3	18.4	18.6	10.2	11.4	10.5	11.6	11.8
	3H	18.0	19.2	18.3	19.4	19.6	10.9	12.1	11.2	12.3	12.5
	4H	18.4	19.5	18.7	19.7	19.9	11.2	12.3	11.5	12.5	12.8
	6H	18.6	19.6	18.9	19.9	20.1	11.5	12.5	11.8	12.7	13.0
	8H	18.6	19.6	19.0	19.9	20.2	11.5	12.5	11.8	12.8	13.0
	12H	18.7	19.6	19.0	19.9	20.2	11.5	12.5	11.9	12.7	13.0
4H	2H	16.9	18.0	17.2	18.2	18.5	11.0	12.1	11.3	12.3	12.6
	3H	18.0	19.0	18.4	19.2	19.5	11.9	12.8	12.2	13.1	13.4
	4H	18.5	19.3	18.8	19.6	20.0	12.2	13.1	12.6	13.4	13.7
	6H	18.8	19.5	19.2	19.9	20.2	12.5	13.3	12.9	13.6	14.0
	8H	18.9	19.6	19.3	19.9	20.3	12.6	13.3	13.0	13.7	14.0
	12H	18.9	19.6	19.4	19.9	20.4	12.6	13.3	13.1	13.7	14.1
8H	4H	18.4	19.1	18.8	19.5	19.8	12.6	13.2	13.0	13.6	14.0
	6H	18.8	19.3	19.2	19.7	20.2	12.9	13.5	13.4	13.9	14.3
	8H	18.9	19.4	19.4	19.8	20.3	13.1	13.6	13.5	14.0	14.5
	12H	19.0	19.4	19.5	19.9	20.3	13.2	13.6	13.6	14.0	14.5
12H	4H	18.4	19.0	18.8	19.4	19.8	12.6	13.2	13.0	13.6	14.0
	6H	18.7	19.2	19.2	19.7	20.1	13.0	13.5	13.5	13.9	14.4
	8H	18.9	19.3	19.4	19.8	20.2	13.2	13.6	13.6	14.0	14.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 1.1 / - 0.8					+ 0.3 / - 0.3					
1.5H	+ 2.0 / - 2.0					+ 0.2 / - 0.4					
2.0H	+ 3.1 / - 2.7					+ 0.4 / - 0.6					

CIE Pub.117, 1836 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.1$)
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]
Remarks: DFR10 17W 8073 LEDÝL LENS

UTILIZATION FACTORS TABLE

Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz Lamp Flux:1835.86x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

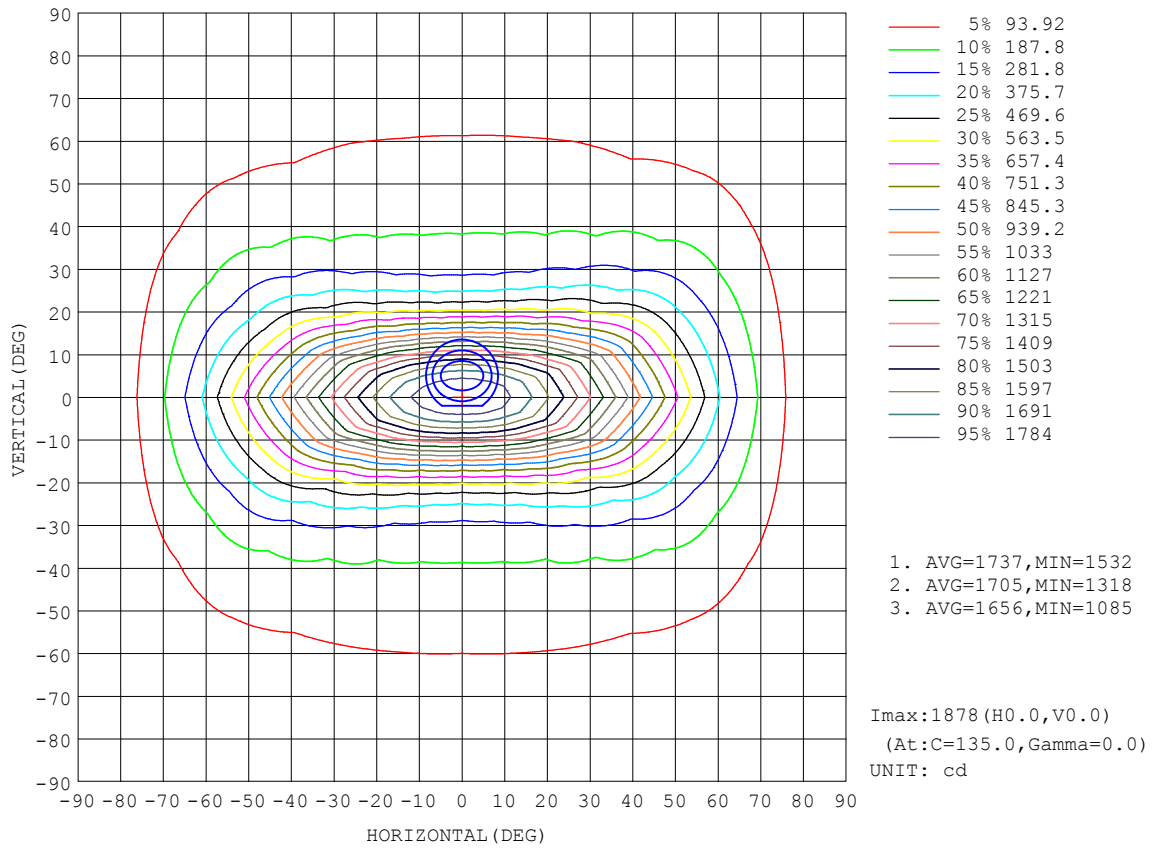
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	70	61	55	70	61	55	68	60	55	50
0.80	79	70	65	79	70	64	77	69	64	58
1.00	86	78	72	85	77	72	83	78	71	66
1.25	92	84	79	91	84	78	89	82	78	72
1.50	96	89	84	95	88	83	92	86	82	76
2.00	101	95	90	100	94	89	97	92	88	81
2.50	104	98	94	102	97	93	99	94	91	84
3.00	107	102	97	105	100	96	101	97	94	87
4.00	110	106	102	108	104	101	104	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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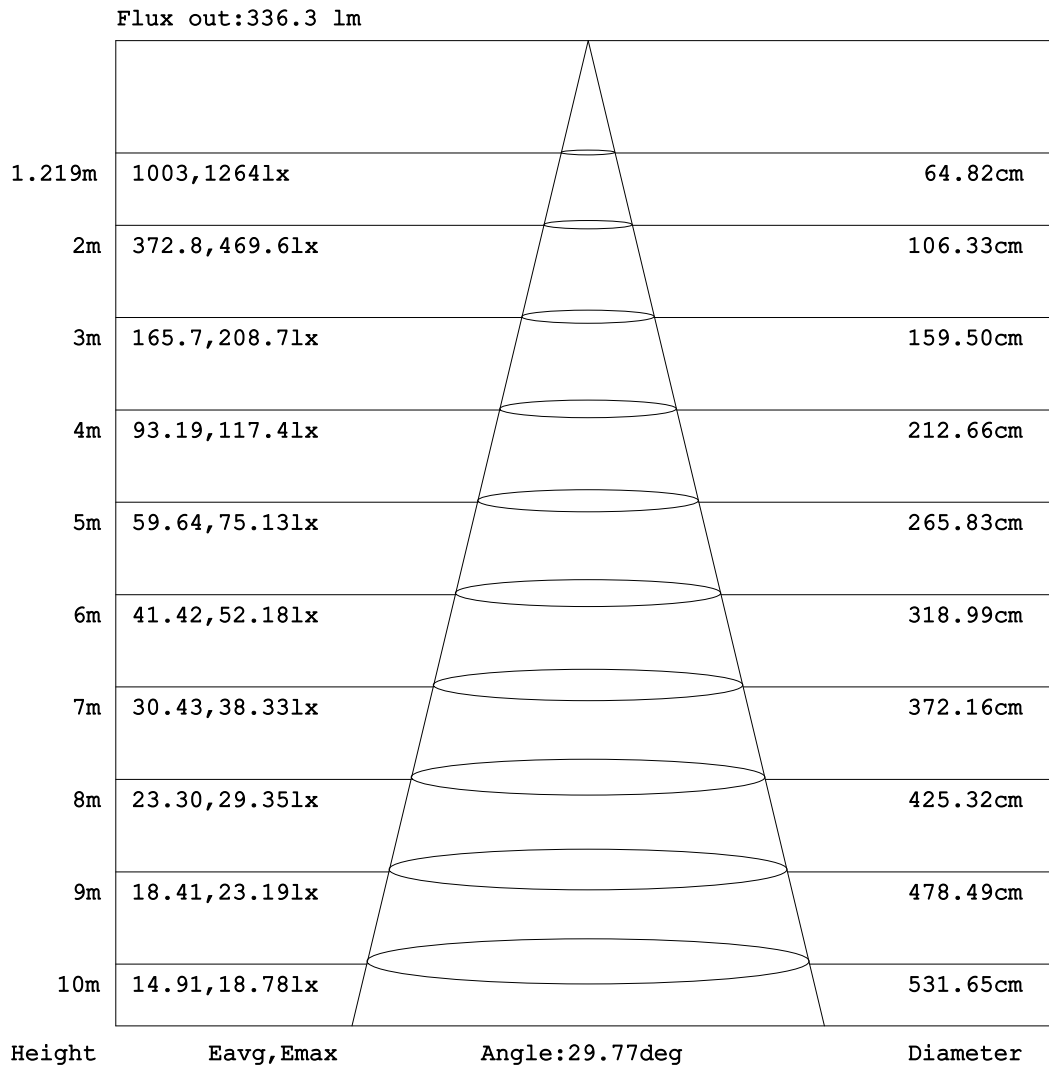


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AAI Figure

Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz Lamp Flux:1835.86x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



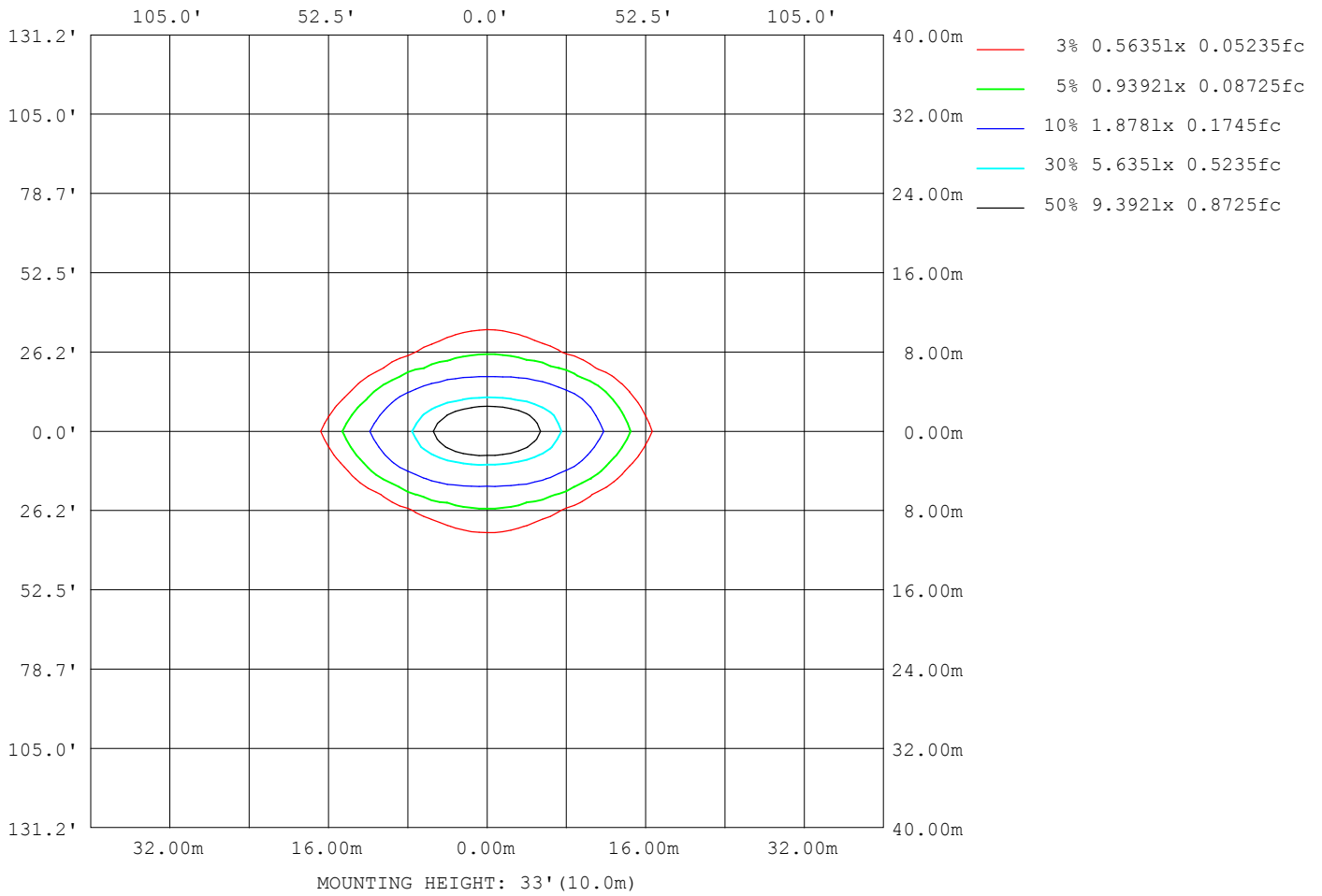
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 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 8073 LEDÝL LENS

ISOLUX DIAGRAM

Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz Lamp Flux:1835.86x1 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 8073 LEDÝL LENS

LED Avg.L Report

Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz Lamp Flux:1835.86x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

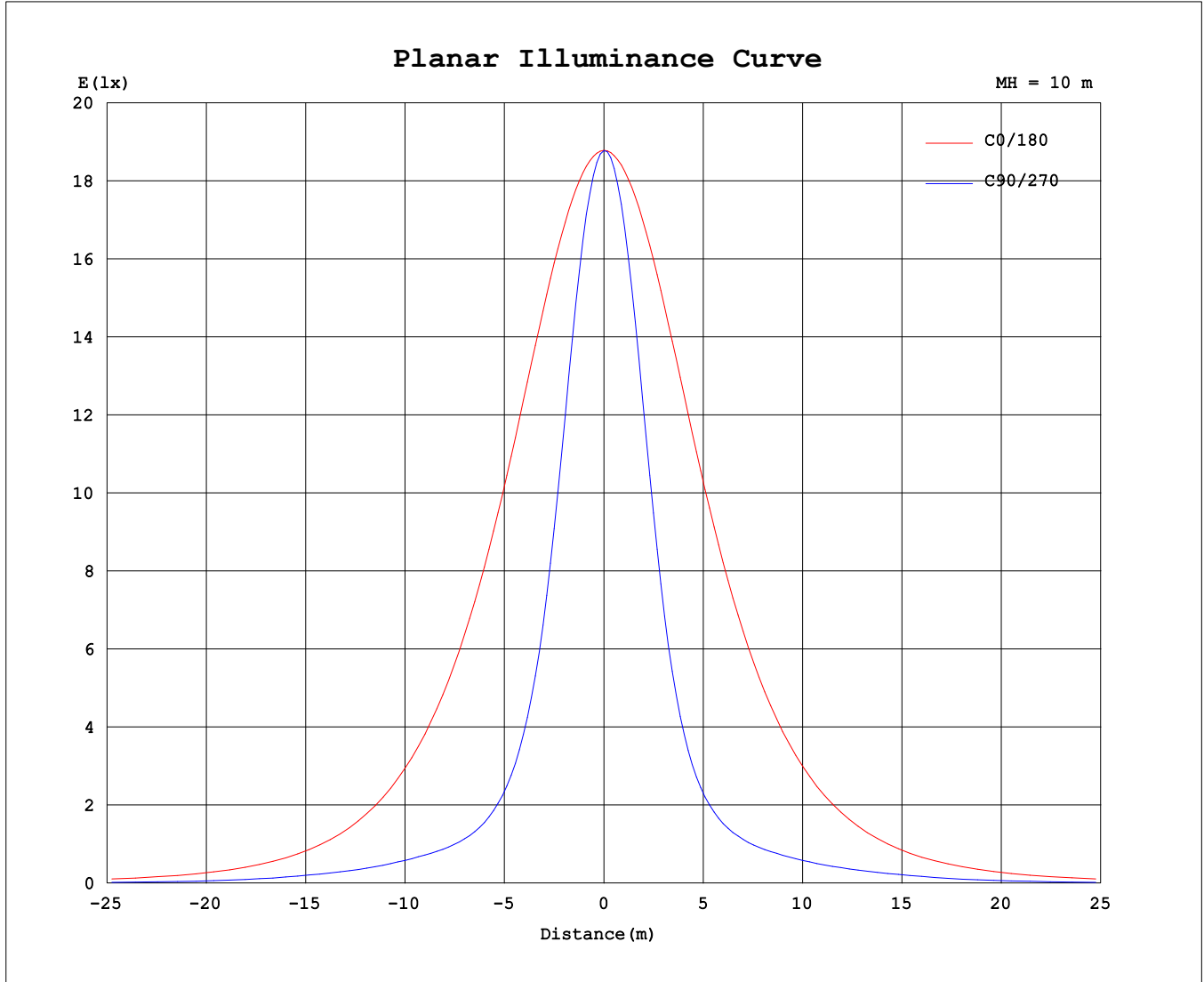
AvgL	cd/m2
L_0~180 (65) av	6509
L_0~180 (75) av	4099
L_0~180 (85) av	2134
L_90~270 (65) av	1549
L_90~270 (75) av	1178
L_90~270 (85) av	855
L_45 (65) av	2093
L_45 (75) av	1487
L_45 (85) av	993

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 8073 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 8073 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz Lamp Flux:1835.86x1 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	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877	1877
5	1858	1853	1830	1801	1766	1747	1734	1747	1767	1801	1829	1851	1861	1850	1831	1802	1782	1760	1760
10	1805	1779	1693	1585	1464	1396	1357	1400	1471	1591	1697	1778	1812	1773	1695	1586	1495	1419	1406
15	1719	1660	1481	1261	1063	955	910	960	1074	1276	1494	1662	1730	1653	1485	1267	1095	974	950
20	1605	1505	1219	926	714	612	573	617	725	943	1240	1514	1619	1496	1227	924	723	605	581
25	1469	1325	951	657	481	400	372	404	489	672	975	1340	1485	1314	958	643	472	385	366
30	1318	1128	719	475	337	279	262	282	343	486	740	1150	1334	1117	720	455	325	268	257
35	1159	926	541	353	250	216	207	217	254	361	557	953	1175	916	537	333	242	210	205
40	996	737	414	267	200	185	183	186	202	273	424	764	1012	726	407	252	196	183	181
45	833	570	318	207	173	168	167	168	173	212	325	593	849	560	312	199	170	167	167
50	674	432	245	169	152	148	147	148	151	170	250	449	688	422	239	163	149	150	151
55	523	323	189	140	128	128	127	127	127	140	192	331	536	313	183	135	129	132	134
60	386	235	148	114	105	99.2	93.8	98.7	104	113	149	238	398	228	143	110	109	105	103
65	270	166	116	88.5	76.0	66.0	62.3	65.5	75.3	87.6	116	165	280	162	112	87.2	81.0	70.4	68.6
70	175	114	85.6	62.6	48.6	44.6	43.1	44.2	47.8	61.5	84.4	111	182	111	83.2	63.0	52.1	46.5	46.2
75	104	73.3	55.2	37.2	31.1	30.3	29.7	29.8	30.3	35.9	53.4	69.3	108	71.4	54.8	38.6	32.4	31.0	31.3
80	52.6	41.2	28.1	20.4	18.9	18.4	17.6	17.9	18.0	19.1	26.0	37.3	55.1	39.8	29.0	20.5	19.5	19.0	19.3
85	18.0	14.8	9.87	8.49	7.37	7.13	6.62	6.76	6.63	7.34	8.09	11.7	19.2	14.4	10.5	8.76	8.39	7.97	8.29
90	0.68	0.69	0.61	0.42	0.36	0.31	0.28	0.23	0.22	0.23	0.25	0.27	0.49	0.41	0.41	0.42	0.34	0.36	0.40
95	0.62	0.62	0.54	0.41	0.35	0.32	0.28	0.26	0.21	0.25	0.25	0.32	0.39	0.37	0.40	0.38	0.34	0.34	0.38
100	0.67	0.64	0.53	0.42	0.35	0.34	0.30	0.30	0.24	0.28	0.28	0.41	0.50	0.46	0.46	0.40	0.37	0.36	0.42
105	0.77	0.71	0.54	0.44	0.37	0.38	0.36	0.33	0.28	0.32	0.36	0.53	0.64	0.57	0.56	0.44	0.41	0.41	0.46
110	0.91	0.83	0.59	0.47	0.41	0.43	0.40	0.38	0.32	0.39	0.44	0.68	0.85	0.73	0.62	0.49	0.46	0.43	0.51
115	1.08	0.97	0.69	0.53	0.45	0.49	0.44	0.43	0.37	0.46	0.58	0.89	1.08	0.91	0.78	0.57	0.52	0.49	0.57
120	1.30	1.16	0.85	0.62	0.53	0.55	0.52	0.50	0.46	0.56	0.74	1.12	1.32	1.12	0.98	0.66	0.59	0.56	0.63
125	1.53	1.38	1.04	0.76	0.59	0.62	0.58	0.57	0.54	0.70	0.93	1.34	1.53	1.36	1.14	0.80	0.68	0.64	0.71
130	1.72	1.62	1.28	0.94	0.71	0.71	0.67	0.67	0.67	0.88	1.17	1.58	1.82	1.62	1.31	0.98	0.83	0.75	0.80
135	2.00	1.86	1.57	1.20	0.90	0.84	0.80	0.81	0.87	1.12	1.41	1.90	2.15	1.85	1.59	1.21	1.01	0.90	0.94
140	2.37	2.20	1.91	1.51	1.17	1.06	1.02	1.04	1.11	1.39	1.68	2.08	2.30	2.08	1.87	1.46	1.25	1.13	1.16
145	2.47	2.51	2.23	1.87	1.53	1.38	1.33	1.35	1.44	1.71	2.01	2.29	2.50	2.42	2.12	1.78	1.59	1.44	1.47
150	2.69	2.73	2.54	2.27	1.96	1.82	1.76	1.77	1.84	2.06	2.30	2.60	2.83	2.59	2.41	2.12	1.97	1.86	1.90
155	2.95	2.98	2.91	2.67	2.43	2.32	2.26	2.21	2.28	2.41	2.61	2.81	3.00	2.87	2.69	2.51	2.35	2.32	2.39
160	3.16	3.22	3.18	3.07	2.88	2.81	2.79	2.67	2.64	2.77	2.92	3.16	3.30	3.09	2.98	2.82	2.73	2.74	2.86
165	3.40	3.40	3.37	3.32	3.22	3.23	3.15	3.03	3.03	3.08	3.23	3.36	3.51	3.31	3.22	3.13	3.07	3.08	3.26
170	3.67	3.57	3.51	3.62	3.43	3.46	3.39	3.26	3.36	3.44	3.39	3.55	3.62	3.49	3.47	3.40	3.28	3.28	3.54
175	3.77	3.74	3.63	3.75	3.55	3.53	3.53	3.47	3.45	3.68	3.62	3.65	3.68	3.62	3.65	3.51	3.44	3.42	3.51
180	3.75	3.74	3.66	3.63	3.56	3.53	3.53	3.55	3.56	3.63	3.70	3.73	3.72	3.72	3.68	3.61	3.56	3.51	3.51

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 8073 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.51V I:0.0793A P:17.776W PF:0.9730 Freq:50.01Hz Lamp Flux:1835.86x1 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	1877	1877	1877	1877	1877													
5	1762	1786	1808	1837	1856													
10	1425	1507	1602	1711	1787													
15	984	1115	1296	1515	1677													
20	615	745	960	1271	1532													
25	392	489	677	1011	1363													
30	272	338	482	773	1178													
35	212	250	355	581	985													
40	184	201	269	441	798													
45	167	173	210	339	626													
50	150	151	170	261	478													
55	133	130	140	199	355													
60	107	110	115	154	257													
65	72.2	84.1	90.6	120	181													
70	47.5	55.0	66.5	90.2	124													
75	31.5	33.9	42.3	61.3	79.5													
80	19.4	20.3	22.4	34.1	45.3													
85	8.33	9.13	10.0	12.8	18.6													
90	0.43	0.56	0.66	1.18	1.54													
95	0.39	0.41	0.48	0.57	0.65													
100	0.40	0.43	0.47	0.58	0.64													
105	0.42	0.45	0.48	0.60	0.71													
110	0.47	0.48	0.49	0.68	0.83													
115	0.53	0.53	0.55	0.79	0.99													
120	0.58	0.60	0.65	0.94	1.20													
125	0.65	0.69	0.81	1.14	1.42													
130	0.76	0.84	1.01	1.38	1.66													
135	0.92	1.04	1.29	1.69	1.96													
140	1.15	1.33	1.61	2.06	2.30													
145	1.49	1.69	1.99	2.35	2.50													
150	1.94	2.12	2.39	2.69	2.76													
155	2.42	2.57	2.80	2.99	2.99													
160	2.89	3.01	3.13	3.21	3.21													
165	3.26	3.31	3.33	3.44	3.40													
170	3.46	3.56	3.52	3.57	3.60													
175	3.55	3.67	3.61	3.67	3.72													
180	3.55	3.57	3.64	3.67	3.73													

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 8073 LEDÝL LENS