

LUMINAIRE PHOTOMETRIC TEST REPORT

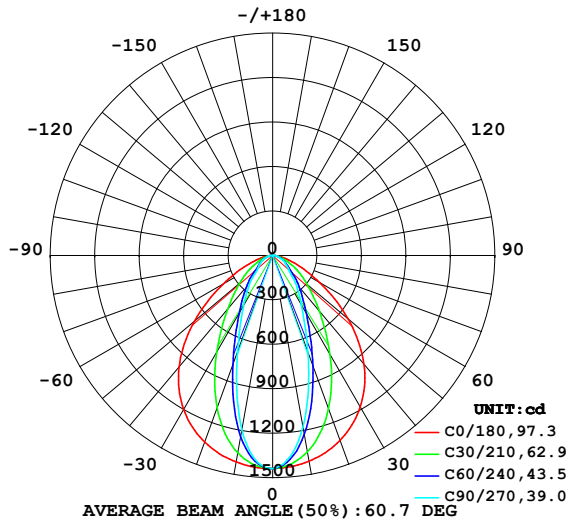
Test:U:230.44V I:0.0793A P:17.762W PF:0.9725 Freq:50.01Hz

Lamp Flux:1872.7x1 lm

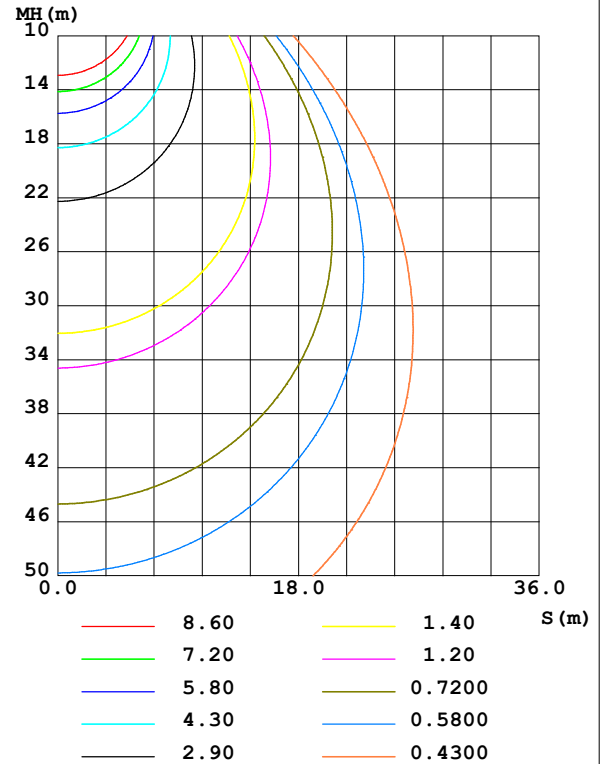
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 105.43 lm/W
MODEL	DFR10	Imax (cd)	1438	S/MH (C0/180)	1.24	
NOMINAL POWER(W)	17	LOR (%)	100.0	S/MH (C90/270)	0.62	
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	1872.7	η UP,DN (C0-180)	0.2,49.9	
NOMINAL FLUX(lm)	1872.7	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.2,49.7	
LAMPS INSIDE	1	η up (%)	0.4	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	220	η down (%)	99.6	CIBSE SHR MAX	0.75	

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 8074 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	1410	1290	1177	1295	1416	1294	1196	1302	0- 10	130.4	130.4	6.96, 6.96
20	1328	933.7	698.4	946.5	1341	913.2	696.5	935.5	10- 20	318.7	449.1	24, 24
30	1182	572.3	392.0	582.9	1201	551.3	396.8	573.3	20- 30	375.0	824.1	44, 44
40	958.8	348.5	238.2	353.0	982.3	337.5	236.4	351.1	30- 40	351.4	1175	62.8, 62.8
50	664.7	216.2	138.5	218.4	688.8	204.1	127.8	215.1	40- 50	283.9	1459	77.9, 77.9
60	367.5	120.8	96.03	121.1	385.1	112.1	90.64	117.7	50- 60	201.9	1661	88.7, 88.7
70	163.6	67.32	56.99	66.38	171.4	64.08	55.69	67.01	60- 70	126.9	1788	95.5, 95.5
80	52.07	27.84	24.67	26.57	54.72	25.57	24.17	27.22	70- 80	61.83	1850	98.8, 98.8
90	0.7790	0.5555	0.3022	0.4308	1.023	0.5306	0.3988	0.6818	80- 90	15.44	1865	99.6, 99.6
100	0.6301	0.4167	0.3062	0.3775	0.6126	0.4702	0.4559	0.5093	90-100	0.5446	1866	99.6, 99.6
110	0.8645	0.4667	0.3809	0.4595	0.9332	0.5379	0.5485	0.5767	100-110	0.5466	1866	99.7, 99.7
120	1.324	0.6735	0.5338	0.6590	1.389	0.7622	0.6910	0.8224	110-120	0.7048	1867	99.7, 99.7
130	1.783	1.041	0.7617	1.005	1.855	1.104	0.9191	1.210	120-130	0.9102	1868	99.8, 99.8
140	2.352	1.568	1.167	1.468	2.261	1.549	1.311	1.734	130-140	1.097	1869	99.8, 99.8
150	2.570	2.191	1.798	2.020	2.677	2.073	1.931	2.321	140-150	1.197	1870	99.9, 99.9
160	2.944	2.818	2.599	2.582	3.044	2.629	2.657	2.895	150-160	1.138	1872	99.9, 99.9
170	3.325	3.285	3.112	3.152	3.293	3.149	3.205	3.205	160-170	0.8380	1872	100, 100
180	3.407	3.323	3.276	3.319	3.393	3.295	3.276	3.319	170-180	0.3107	1873	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1328 lm

%lum = 70.9%

%lamp = 70.9%

Conical surface Flux(120deg): 1661.3 lm

%lum = 88.7%

%lamp = 88.7%

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 8074 LEDÝL LENS

LUMINANCE LIMITATION CURVES

Test:U:230.44V I:0.0793A P:17.762W PF:0.9725 Freq:50.01Hz

Lamp Flux:1872.7x1 lm

NAME: DFR

TYPE: LED

WEIGHT: 0,5kg

SPEC.: 17W

DIM.: 10mmX1000mmX20mm

SERIAL No.:

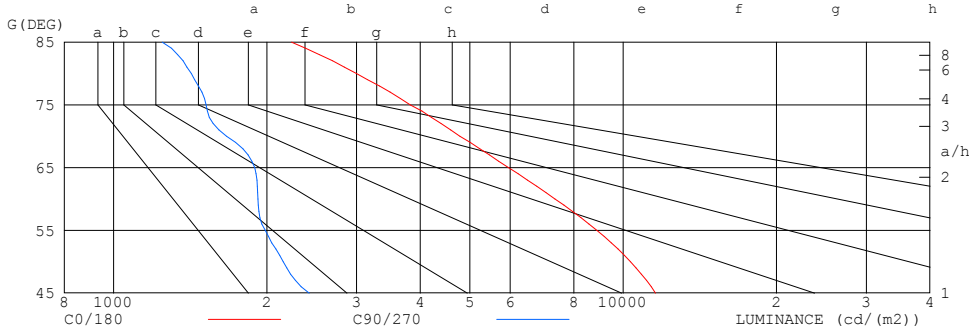
MFR.: LITPA AYDINLATMA

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	2236	1246
80	3000	1421
75	3823	1519
70	4784	1666
65	5961	1892
60	7352	1921
55	8884	1984
50	10343	2154
45	11569	2419

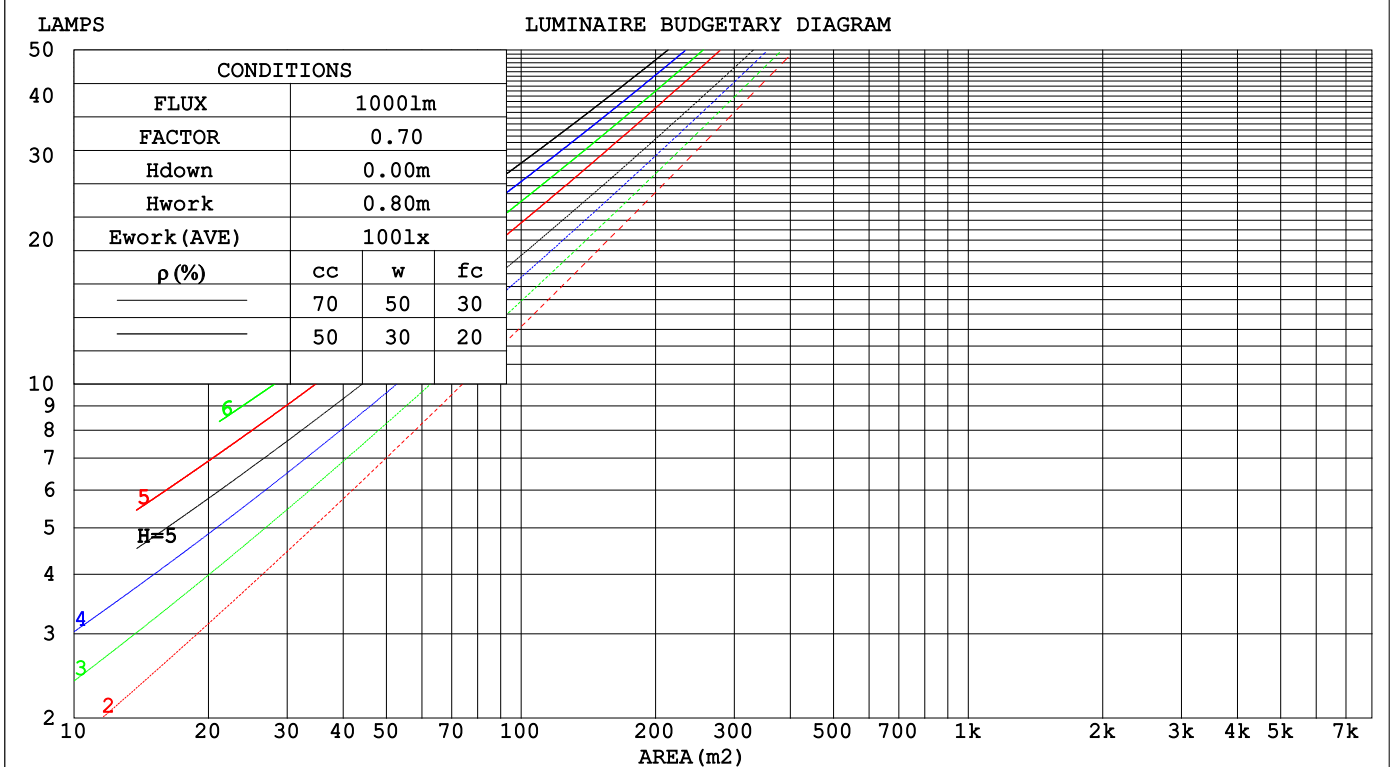
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Temperature:25.3;æ
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Test Date:23/09/2025

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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 8074 LEDÝL LENS

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.44V I:0.0793A P:17.762W PF:0.9725 Freq:50.01Hz Lamp Flux:1872.7x1 lm		
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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															.00
	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	1.00	1.05	1.02	.99	1.00	.98	.96	.97	.95	.93	.93	.91	.90	.88
2.0	.96	.90	.86	.94	.89	.85	.91	.86	.83	.87	.84	.81	.85	.82	.79	.77
3.0	.87	.80	.74	.85	.79	.74	.82	.77	.72	.80	.75	.71	.77	.73	.70	.68
4.0	.79	.71	.66	.77	.70	.65	.75	.69	.64	.73	.68	.63	.71	.66	.63	.61
5.0	.72	.64	.58	.71	.63	.58	.69	.62	.57	.67	.61	.57	.65	.60	.56	.54
6.0	.66	.58	.53	.65	.58	.52	.63	.57	.52	.62	.56	.51	.60	.55	.51	.49
7.0	.61	.53	.48	.60	.53	.48	.58	.52	.47	.57	.51	.47	.56	.51	.47	.45
8.0	.56	.49	.44	.56	.49	.44	.54	.48	.43	.53	.47	.43	.52	.47	.43	.41
9.0	.52	.45	.40	.52	.45	.40	.51	.44	.40	.50	.44	.40	.49	.43	.40	.38
10.0	.49	.42	.37	.48	.42	.37	.48	.41	.37	.47	.41	.37	.46	.40	.37	.35



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 8074 LEDÝL LENS

WEC AND CCEC

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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	
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	.248	.141	.045	.241	.138	.044	.228	.131	.042	.216	.125	.040	.205	.119	.038		
2.0	.237	.130	.040	.231	.127	.039	.220	.122	.038	.209	.117	.037	.200	.113	.036		
3.0	.223	.119	.036	.218	.117	.035	.208	.113	.034	.198	.109	.033	.190	.105	.033		
4.0	.209	.108	.032	.204	.107	.032	.195	.104	.031	.187	.100	.030	.179	.098	.030		
5.0	.195	.100	.029	.191	.098	.029	.183	.096	.028	.176	.093	.028	.169	.091	.027		
6.0	.183	.092	.026	.180	.091	.026	.173	.088	.026	.166	.086	.025	.160	.084	.025		
7.0	.172	.085	.024	.169	.084	.024	.163	.082	.024	.157	.081	.023	.152	.079	.023		
8.0	.162	.079	.022	.159	.078	.022	.154	.077	.022	.149	.075	.022	.144	.074	.022		
9.0	.153	.074	.021	.151	.073	.021	.146	.072	.020	.141	.071	.020	.137	.069	.020		
10.0	.145	.070	.019	.143	.069	.019	.138	.068	.019	.134	.067	.019	.130	.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	.142	.153	.137	.122	.105	.094	.085	.060	.055	.049	.019	.018	.016	
2.0	.168	.135	.108	.144	.116	.093	.099	.081	.065	.057	.047	.038	.018	.015	.012	
3.0	.158	.117	.084	.136	.101	.073	.093	.070	.051	.054	.041	.030	.017	.013	.010	
4.0	.150	.103	.067	.129	.089	.059	.088	.062	.041	.051	.036	.024	.016	.012	.008	
5.0	.142	.092	.055	.122	.080	.048	.084	.056	.034	.049	.033	.020	.016	.011	.007	
6.0	.135	.084	.047	.116	.072	.041	.080	.051	.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	.073	.043	.022	.042	.025	.013	.014	.008	.004	
9.0	.117	.065	.031	.101	.057	.027	.070	.040	.019	.041	.024	.011	.013	.008	.004	
10.0	.112	.061	.028	.096	.053	.024	.067	.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 8074 LEDÝL LENS

UGR(Unified Glare Rating) Table

Test:U:230.44V I:0.0793A P:17.762W PF:0.9725 Freq:50.01Hz Lamp Flux:1872.7x1 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	17.6	18.8	17.8	19.0	19.2	10.6	11.8	10.8	12.0	12.2
3H	18.6	19.8	18.9	20.0	20.2	11.7	12.8	12.0	13.1	13.3
4H	18.9	20.0	19.2	20.3	20.5	12.1	13.2	12.4	13.4	13.7
6H	19.1	20.2	19.4	20.4	20.7	12.4	13.5	12.7	13.7	14.0
8H	19.2	20.2	19.5	20.4	20.7	12.5	13.5	12.9	13.8	14.1
12H	19.2	20.1	19.5	20.4	20.7	12.6	13.6	12.9	13.8	14.1
4H 2H	17.4	18.5	17.7	18.8	19.0	11.4	12.6	11.8	12.8	13.1
3H	18.6	19.6	18.9	19.8	20.1	12.6	13.6	13.0	13.9	14.2
4H	19.0	19.9	19.4	20.2	20.6	13.1	14.0	13.5	14.3	14.7
6H	19.3	20.1	19.7	20.5	20.8	13.5	14.3	13.9	14.7	15.0
8H	19.4	20.1	19.8	20.5	20.9	13.7	14.4	14.1	14.8	15.2
12H	19.5	20.1	19.9	20.5	20.9	13.8	14.5	14.2	14.9	15.3
8H 4H	19.0	19.7	19.4	20.1	20.4	13.5	14.2	13.9	14.6	14.9
6H	19.3	19.9	19.8	20.3	20.8	14.0	14.6	14.4	15.0	15.4
8H	19.4	20.0	19.9	20.4	20.9	14.2	14.8	14.7	15.2	15.6
12H	19.5	20.0	20.0	20.4	20.9	14.4	14.9	14.9	15.3	15.8
12H 4H	18.9	19.6	19.4	20.0	20.4	13.5	14.2	13.9	14.5	14.9
6H	19.3	19.8	19.8	20.3	20.7	14.1	14.6	14.5	15.0	15.5
8H	19.4	19.9	19.9	20.3	20.8	14.3	14.8	14.8	15.2	15.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.5 / - 0.3					+ 0.4 / - 0.5				
1.5H	+ 1.2 / - 1.2					+ 0.4 / - 0.5				
2.0H	+ 2.3 / - 2.2					+ 0.4 / - 0.4				

CIE Pub.117, 1873 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.2$)
Area: 0.1 m²

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C Interval: 15.0DEG
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Temperature:25.3;æ
Operators:LITPA
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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 8074 LEDÝL LENS

UTILIZATION FACTORS TABLE

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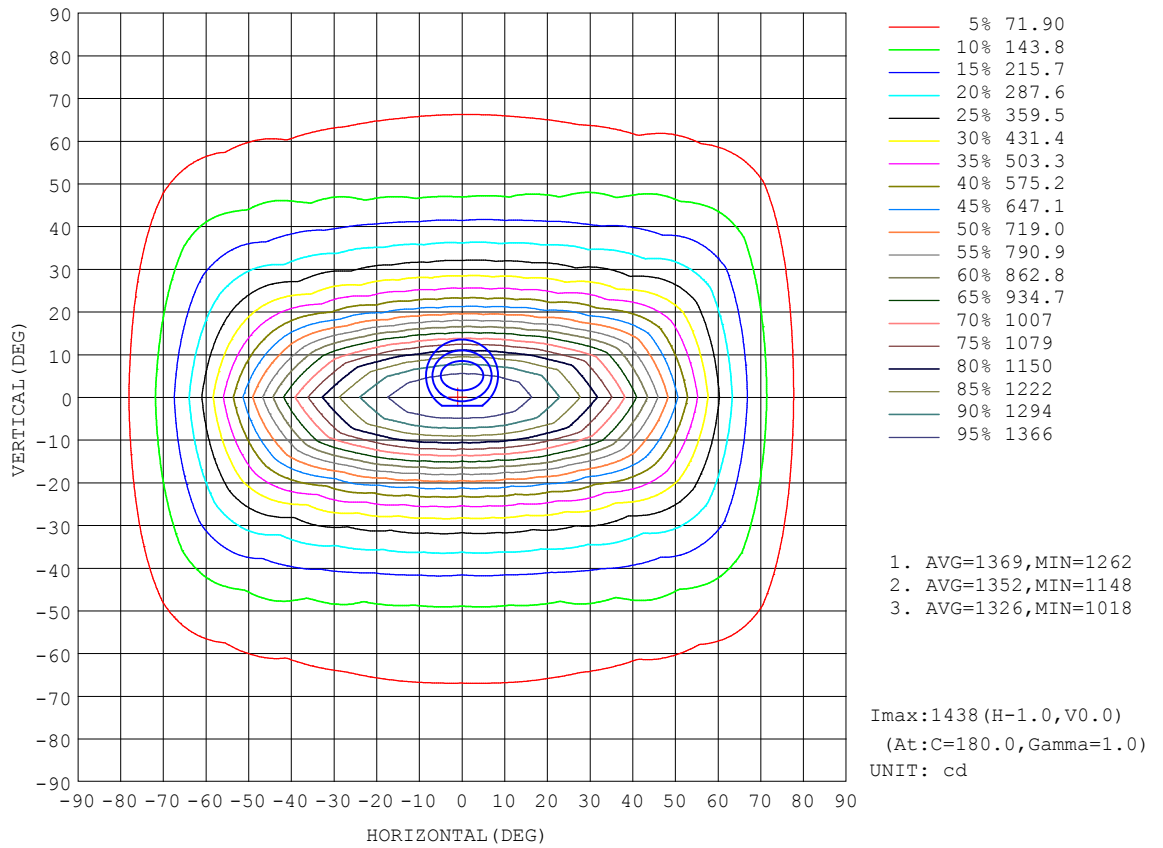
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	68	59	53	68	58	53	67	58	53	47
0.80	78	68	62	77	68	62	75	67	62	56
1.00	85	76	70	84	76	70	82	76	69	64
1.25	91	83	77	90	82	77	87	81	76	70
1.50	95	88	82	94	87	82	91	85	80	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	97	93	102	96	92	98	94	90	83
3.00	106	101	97	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	106	103	105	102	100	91
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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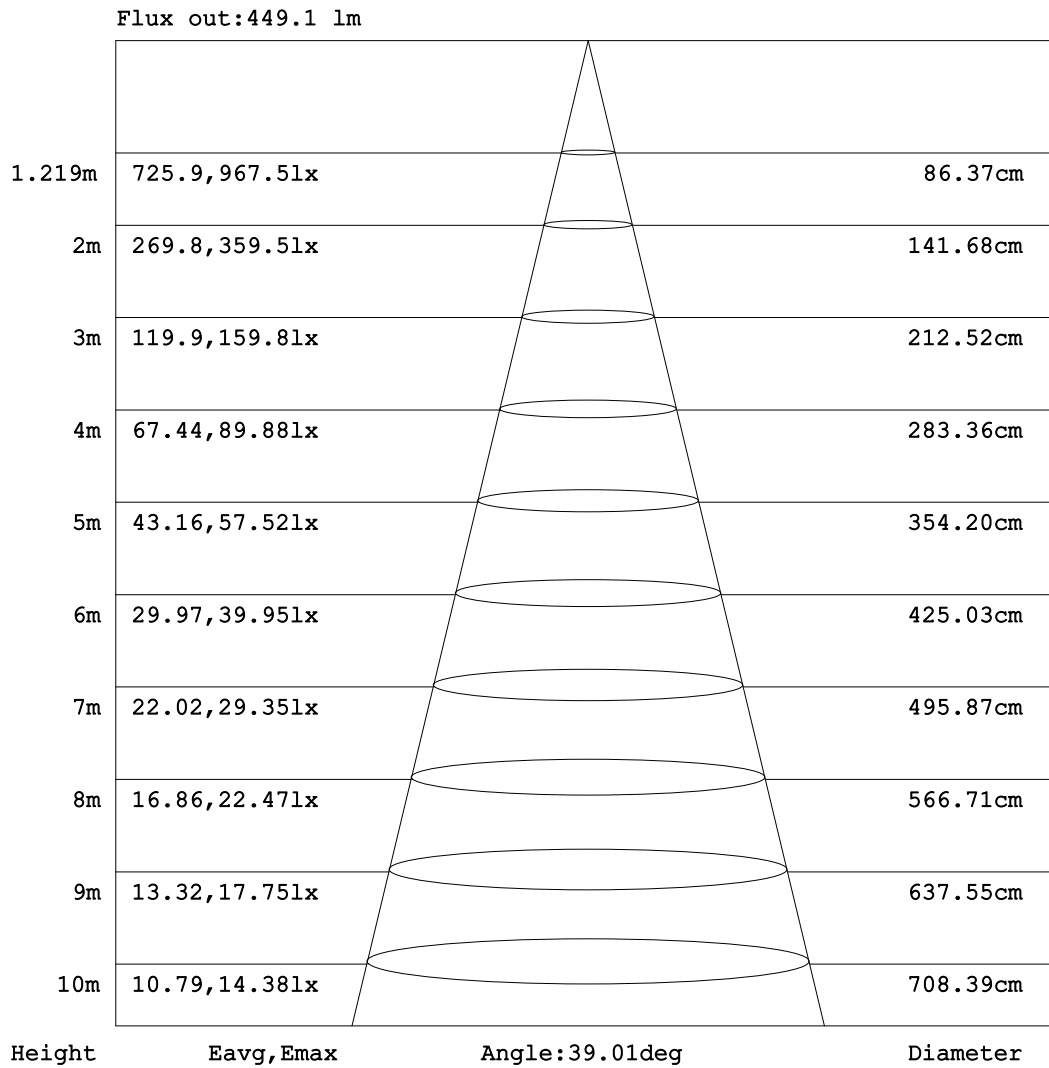


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AAI Figure

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SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
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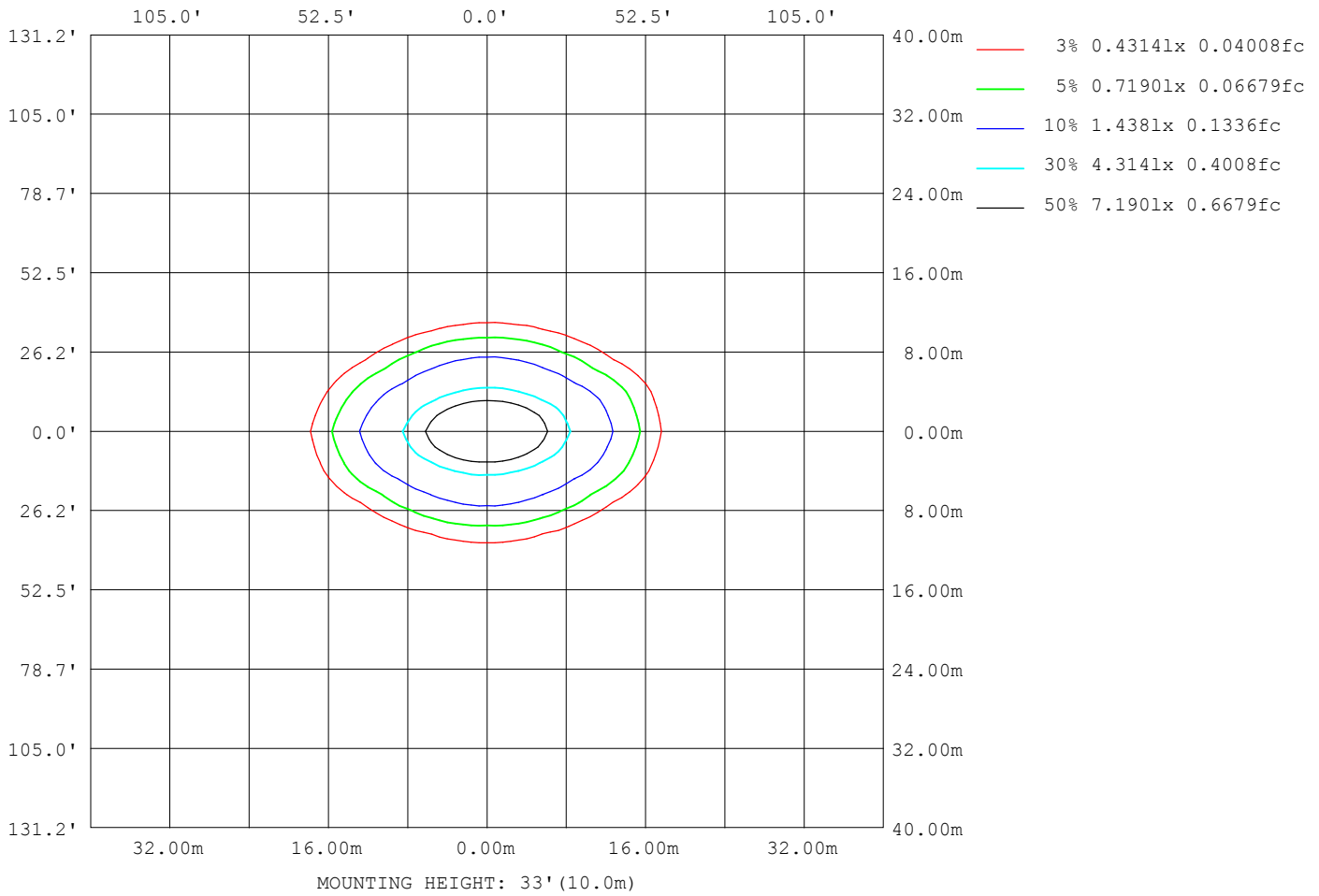
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 8074 LEDÝL LENS

ISOLUX DIAGRAM

Test:U:230.44V I:0.0793A P:17.762W PF:0.9725 Freq:50.01Hz Lamp Flux:1872.7x1 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 8074 LEDÝL LENS

LED Avg.L Report

Test:U:230.44V I:0.0793A P:17.762W PF:0.9725 Freq:50.01Hz Lamp Flux:1872.7x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

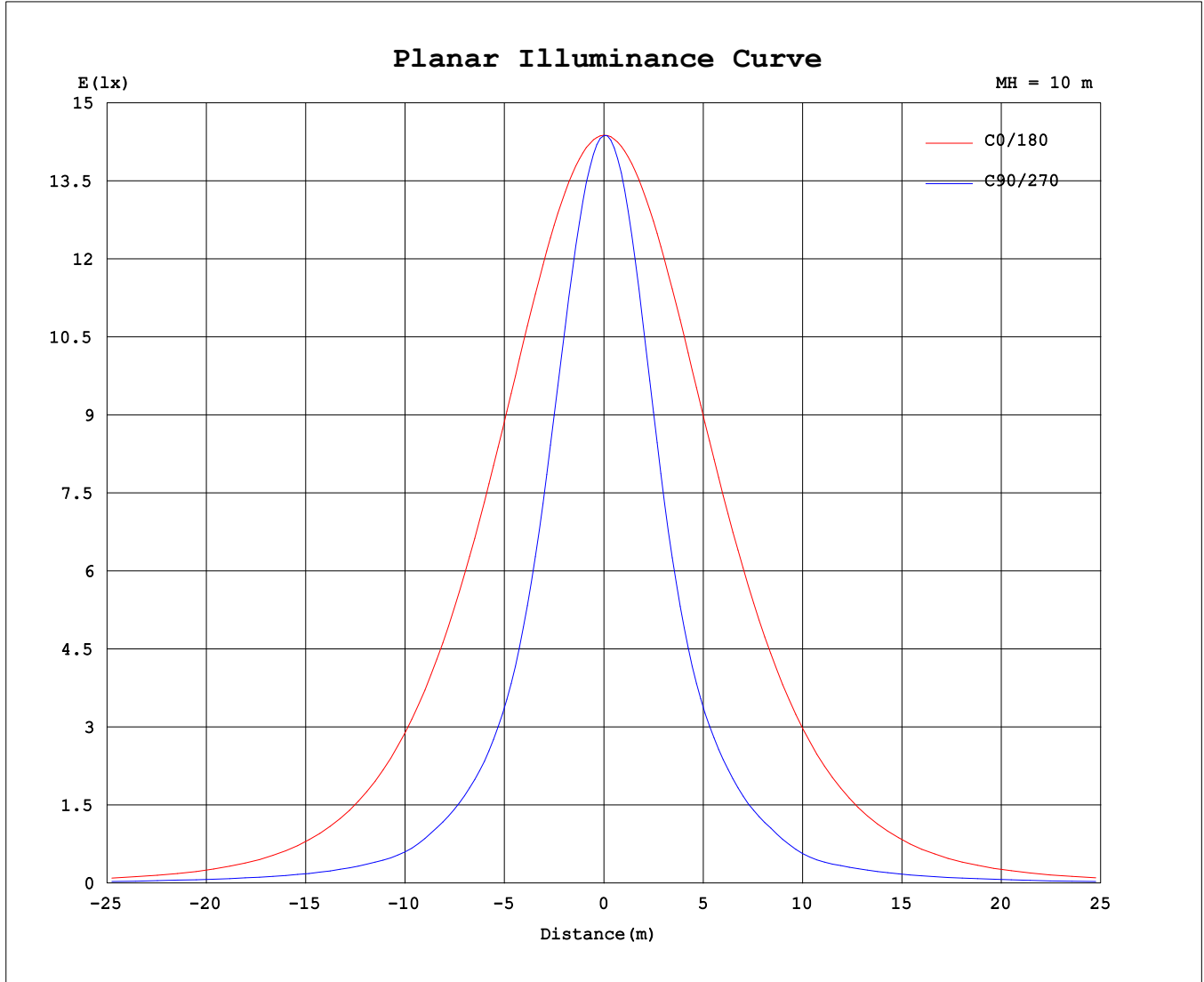
AvgL	cd/m2
L_0~180 (65) av	6110
L_0~180 (75) av	3917
L_0~180 (85) av	2318
L_90~270 (65) av	1846
L_90~270 (75) av	1495
L_90~270 (85) av	1249
L_45 (65) av	2112
L_45 (75) av	1752
L_45 (85) av	1388

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 8074 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 8074 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.44V I:0.0793A P:17.762W PF:0.9725 Freq:50.01Hz Lamp Flux:1872.7x1 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	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438
5	1430	1426	1413	1398	1379	1369	1363	1370	1380	1399	1414	1427	1433	1427	1418	1403	1393	1381	1381
10	1410	1394	1347	1290	1229	1195	1177	1198	1234	1295	1352	1397	1416	1396	1353	1294	1244	1203	1196
15	1377	1340	1242	1127	1021	960	935	964	1028	1136	1251	1347	1385	1342	1244	1119	1022	953	940
20	1328	1264	1103	934	797	726	698	731	806	947	1117	1276	1341	1264	1096	913	789	712	697
25	1264	1167	943	739	602	539	516	542	609	753	961	1183	1280	1161	926	714	594	530	517
30	1182	1050	777	572	458	410	392	411	462	583	796	1071	1201	1038	756	551	453	406	397
35	1081	916	622	444	356	320	307	321	358	451	639	940	1102	898	601	427	355	314	305
40	959	775	491	349	281	250	238	251	283	353	505	800	982	754	473	338	274	243	236
45	818	636	386	277	218	182	171	182	219	280	396	659	843	616	371	264	211	171	162
50	665	510	304	216	157	142	138	142	158	218	311	528	689	490	291	204	146	130	128
55	509	399	239	158	126	116	114	116	126	160	242	411	531	381	226	145	117	109	108
60	367	302	181	121	99.1	96.5	96.0	96.1	98.7	121	183	308	385	287	169	112	94.6	90.2	90.6
65	252	220	129	90.2	80.5	80.8	79.9	80.2	79.8	89.8	129	221	265	209	120	85.6	76.6	75.6	76.1
70	164	151	90.5	67.3	62.9	59.6	57.0	59.1	62.0	66.4	89.5	149	171	143	87.4	64.1	60.1	56.0	55.7
75	98.9	93.3	56.3	46.6	40.7	40.1	39.3	39.7	39.9	44.9	54.3	90.1	104	87.7	54.7	43.2	39.1	37.8	38.1
80	52.1	48.6	30.6	27.8	26.0	25.5	24.7	25.0	25.1	26.6	28.3	45.1	54.7	45.5	29.3	25.6	24.7	23.8	24.2
85	19.5	16.1	13.7	12.8	11.7	11.5	10.9	11.1	10.8	11.4	11.8	13.5	20.9	15.0	12.9	11.4	11.1	10.5	10.9
90	0.78	0.97	0.78	0.56	0.45	0.35	0.30	0.30	0.36	0.43	0.60	0.69	1.02	0.77	0.59	0.53	0.43	0.42	0.40
95	0.64	0.64	0.61	0.47	0.40	0.34	0.29	0.30	0.33	0.37	0.48	0.50	0.53	0.55	0.50	0.48	0.44	0.41	0.42
100	0.63	0.59	0.51	0.42	0.38	0.36	0.31	0.33	0.33	0.38	0.45	0.56	0.61	0.55	0.52	0.47	0.45	0.42	0.46
105	0.68	0.62	0.49	0.41	0.37	0.38	0.36	0.36	0.33	0.40	0.47	0.66	0.74	0.64	0.58	0.48	0.47	0.44	0.49
110	0.86	0.76	0.54	0.47	0.39	0.42	0.38	0.39	0.37	0.46	0.56	0.80	0.93	0.80	0.68	0.54	0.52	0.48	0.55
115	1.07	0.95	0.69	0.55	0.46	0.47	0.43	0.45	0.43	0.55	0.70	1.00	1.15	0.99	0.81	0.64	0.60	0.55	0.61
120	1.32	1.18	0.88	0.67	0.54	0.56	0.53	0.53	0.53	0.66	0.87	1.22	1.39	1.21	0.98	0.76	0.69	0.64	0.69
125	1.57	1.42	1.10	0.83	0.66	0.67	0.63	0.63	0.64	0.82	1.05	1.42	1.61	1.43	1.19	0.92	0.82	0.74	0.79
130	1.78	1.66	1.35	1.04	0.82	0.80	0.76	0.77	0.78	1.00	1.26	1.62	1.86	1.67	1.36	1.10	0.98	0.87	0.92
135	2.01	1.87	1.61	1.28	1.02	0.96	0.93	0.95	0.99	1.23	1.47	1.91	2.16	1.85	1.60	1.32	1.17	1.04	1.09
140	2.35	2.17	1.90	1.57	1.28	1.19	1.17	1.18	1.22	1.47	1.70	2.05	2.26	2.04	1.88	1.55	1.38	1.26	1.31
145	2.41	2.42	2.18	1.87	1.58	1.47	1.45	1.47	1.51	1.74	1.98	2.22	2.40	2.34	2.08	1.81	1.67	1.55	1.59
150	2.57	2.59	2.41	2.19	1.93	1.83	1.80	1.81	1.85	2.02	2.20	2.47	2.68	2.47	2.31	2.07	1.95	1.86	1.93
155	2.77	2.78	2.71	2.50	2.30	2.22	2.18	2.13	2.20	2.29	2.46	2.64	2.80	2.70	2.54	2.38	2.25	2.23	2.30
160	2.94	2.97	2.93	2.82	2.65	2.61	2.60	2.50	2.47	2.58	2.71	2.91	3.04	2.86	2.77	2.63	2.54	2.58	2.66
165	3.15	3.13	3.09	3.03	2.93	2.95	2.91	2.80	2.80	2.85	2.97	3.08	3.21	3.05	2.98	2.90	2.82	2.82	2.98
170	3.32	3.26	3.20	3.28	3.12	3.16	3.11	3.02	3.09	3.15	3.11	3.23	3.29	3.20	3.19	3.15	3.04	3.04	3.21
175	3.42	3.40	3.30	3.39	3.27	3.27	3.27	3.21	3.18	3.34	3.29	3.32	3.35	3.29	3.33	3.22	3.19	3.16	3.24
180	3.41	3.39	3.33	3.32	3.29	3.28	3.28	3.28	3.28	3.32	3.35	3.39	3.39	3.39	3.35	3.29	3.29	3.28	3.28

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 8074 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.44V I:0.0793A P:17.762W PF:0.9725 Freq:50.01Hz Lamp Flux:1872.7x1 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	1438	1438	1438	1438	1438													
5	1382	1394	1405	1419	1429													
10	1206	1250	1302	1360	1400													
15	959	1034	1135	1259	1352													
20	718	802	935	1122	1281													
25	535	607	739	960	1189													
30	410	463	573	794	1076													
35	318	363	445	638	945													
40	247	282	351	505	806													
45	176	219	277	397	666													
50	131	153	215	312	536													
55	111	120	158	245	419													
60	90.8	97.5	118	185	318													
65	76.2	77.9	91.4	135	231													
70	57.2	61.7	67.0	95.3	159													
75	38.3	40.6	46.6	61.4	99.6													
80	24.3	25.6	27.2	33.5	53.9													
85	11.0	12.0	12.8	15.2	19.2													
90	0.47	0.52	0.68	1.22	1.96													
95	0.46	0.47	0.56	0.64	0.73													
100	0.47	0.47	0.51	0.59	0.67													
105	0.48	0.49	0.52	0.63	0.69													
110	0.53	0.54	0.58	0.76	0.85													
115	0.60	0.62	0.68	0.90	1.04													
120	0.69	0.72	0.82	1.10	1.27													
125	0.80	0.85	0.99	1.30	1.50													
130	0.92	1.03	1.21	1.52	1.73													
135	1.10	1.24	1.46	1.78	2.00													
140	1.33	1.49	1.73	2.10	2.29													
145	1.61	1.80	2.02	2.32	2.42													
150	1.96	2.12	2.32	2.58	2.62													
155	2.35	2.46	2.65	2.81	2.81													
160	2.69	2.80	2.89	2.98	2.97													
165	2.97	3.02	3.05	3.14	3.12													
170	3.15	3.23	3.20	3.25	3.28													
175	3.27	3.32	3.28	3.33	3.38													
180	3.27	3.28	3.32	3.33	3.38													

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
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8074 LEDÝL LENS