

LUMINAIRE PHOTOMETRIC TEST REPORT

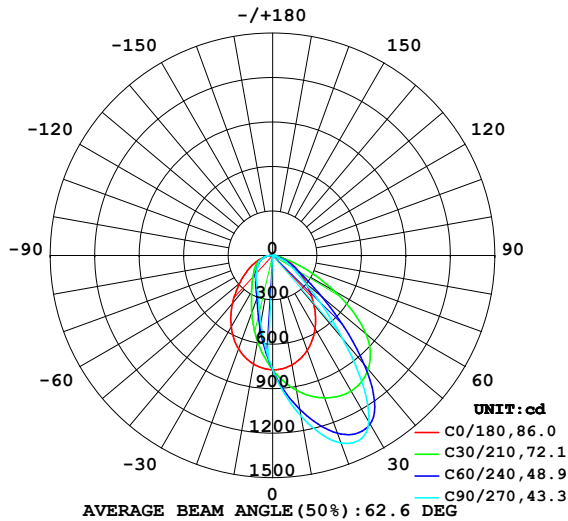
Test:U:230.48V I:0.0792A P:17.764W PF:0.9726 Freq:50.01Hz

Lamp Flux:1832.68x1 lm

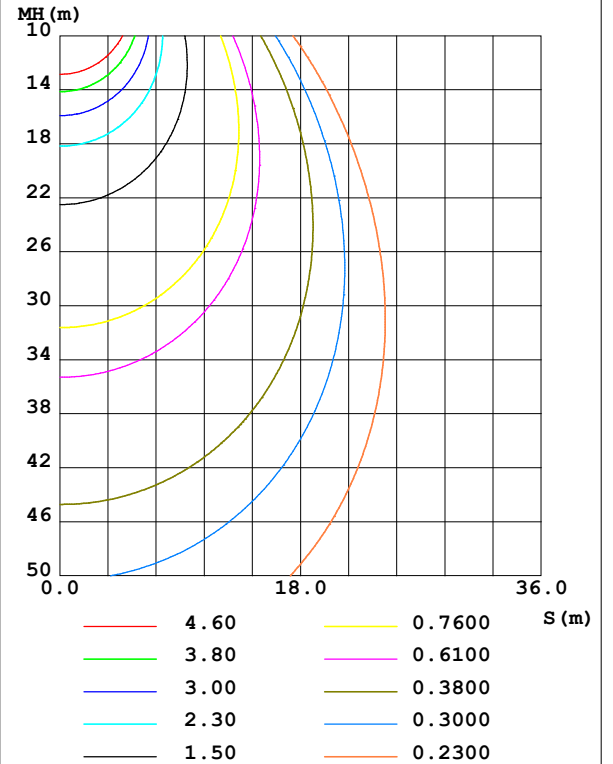
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 103.17 lm/W
MODEL	DFR10	Imax (cd)	1377	S/MH (C0/180)	1.10	
NOMINAL POWER(W)	17	LOR (%)	100.0	S/MH (C90/270)	0.44	
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	1832.7	η UP,DN (C0-180)	0.1,72.4	
NOMINAL FLUX(lm)	1832.68	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.3,27.2	
LAMPS INSIDE	1	η up (%)	0.4	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	220	η down (%)	99.6	CIBSE SHR MAX	1.00	

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 8077 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	750.4	998.0	1098	991.6	745.0	536.1	468.1	541.8	0- 10	73.39	73.39	4,4
20	682.6	1174	1346	1162	672.8	346.9	290.9	352.9	10- 20	215.5	288.9	15.8,15.8
30	572.4	1247	1299	1232	559.9	247.7	217.0	250.5	20- 30	339.2	628.1	34.3,34.3
40	434.7	1121	741.6	1115	421.8	191.5	175.9	192.7	30- 40	394.8	1023	55.8,55.8
50	298.8	694.0	288.8	703.2	291.3	154.2	135.7	155.5	40- 50	338.2	1361	74.3,74.3
60	191.0	287.4	137.4	292.0	190.1	113.2	113.0	114.6	50- 60	236.3	1597	87.2,87.2
70	107.1	104.3	41.05	102.3	110.0	83.25	80.47	83.35	60- 70	143.4	1741	95,95
80	40.91	19.78	17.08	19.27	44.44	48.24	50.15	48.43	70- 80	65.23	1806	98.5,98.5
90	0.4617	0.3604	0.2861	0.5691	1.609	0.9322	0.4041	0.8471	80- 90	19.54	1826	99.6,99.6
100	0.4627	0.3640	0.3131	0.4659	0.7921	0.7780	0.4329	0.6294	90-100	0.6030	1826	99.6,99.6
110	0.6725	0.4212	0.4043	0.4447	0.8355	0.9382	0.6301	0.9885	100-110	0.6158	1827	99.7,99.7
120	0.9977	0.5068	0.4784	0.5266	1.049	1.445	1.091	1.550	110-120	0.7810	1828	99.7,99.7
130	1.331	0.6318	0.6013	0.6654	1.407	2.026	1.799	2.127	120-130	0.9967	1829	99.8,99.8
140	1.732	0.8245	0.7455	0.8398	1.758	2.469	2.502	2.579	130-140	1.142	1830	99.8,99.8
150	1.975	1.121	0.9530	1.110	2.084	2.748	2.910	2.739	140-150	1.123	1831	99.9,99.9
160	2.271	1.542	1.326	1.466	2.347	2.997	3.096	2.931	150-160	0.9578	1832	100,100
170	2.510	2.070	1.867	1.975	2.521	2.994	3.011	2.772	160-170	0.6557	1832	100,100
180	2.564	2.534	2.456	2.412	2.564	2.544	2.484	2.412	170-180	0.2343	1833	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1204.2 lm

%lum = 65.7%

%lamp = 65.7%

Conical surface Flux(120deg): 1597.4 lm

%lum = 87.2%

%lamp = 87.2%

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 8077 LEDÝL LENS

LUMINANCE LIMITATION CURVES

Test:U:230.48V I:0.0792A P:17.764W PF:0.9726 Freq:50.01Hz

Lamp Flux:1832.68x1 lm

NAME: DFR

TYPE: LED

WEIGHT: 0,5kg

SPEC.: 17W

DIM.: 10mmX1000mmX20mm

SERIAL No.:

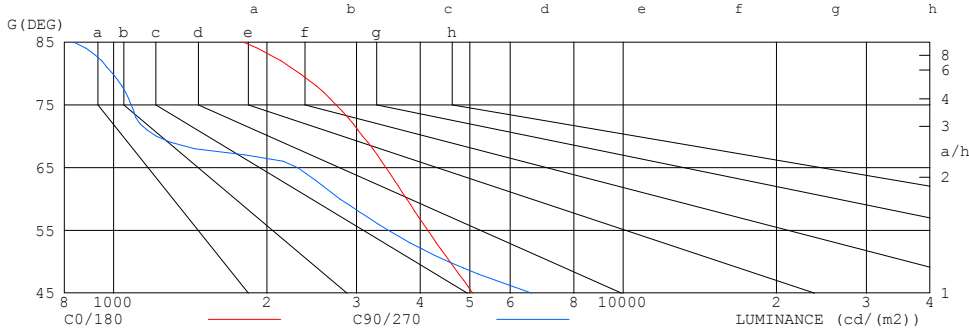
MFR.: LITPA AYDINLATMA

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



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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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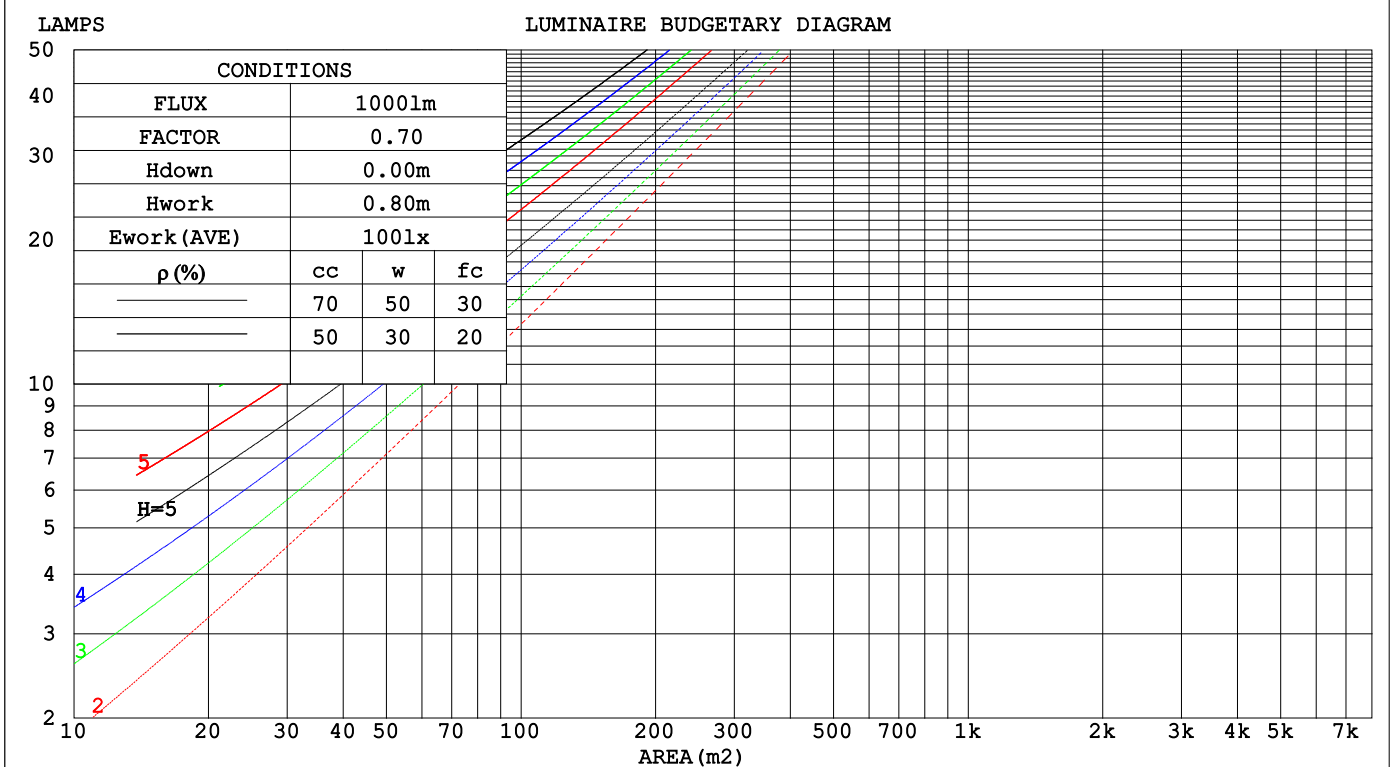
SERIAL No.:

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	1.06	1.02	.99	1.04	1.00	.97	.00	.97	.94	.96	.93	.91	.92	.90	.89	.87
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.86	.82	.78	.83	.79	.77	.75
3.0	.84	.77	.71	.82	.76	.70	.79	.74	.69	.77	.72	.68	.74	.70	.67	.65
4.0	.75	.67	.61	.74	.67	.61	.72	.65	.60	.69	.64	.59	.67	.62	.58	.56
5.0	.68	.60	.54	.67	.59	.53	.65	.58	.53	.63	.57	.52	.61	.56	.52	.50
6.0	.62	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44
7.0	.56	.48	.42	.55	.48	.42	.54	.47	.42	.52	.46	.42	.51	.46	.41	.39
8.0	.52	.44	.38	.51	.43	.38	.50	.43	.38	.48	.42	.37	.47	.41	.37	.35
9.0	.47	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.32
10.0	.44	.36	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.41	.35	.31	.29



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 Operators:LITPA
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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 8077 LEDÝL LENS

WEC AND CCEC

Test:U:230.48V I:0.0792A P:17.764W PF:0.9726 Freq:50.01Hz Lamp Flux:1832.68x1 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	.266	.152	.048	.259	.148	.047	.246	.141	.045	.234	.135	.043	.223	.129	.042		
2.0	.255	.140	.043	.249	.137	.042	.237	.132	.041	.227	.127	.040	.217	.123	.039		
3.0	.240	.128	.038	.234	.125	.038	.224	.121	.037	.215	.118	.036	.206	.114	.035		
4.0	.224	.117	.034	.220	.115	.034	.211	.112	.033	.202	.109	.033	.194	.106	.032		
5.0	.210	.107	.031	.206	.106	.031	.198	.103	.030	.190	.100	.030	.183	.098	.029		
6.0	.197	.099	.028	.193	.097	.028	.186	.095	.028	.179	.093	.027	.173	.091	.027		
7.0	.185	.091	.026	.181	.090	.026	.175	.088	.025	.169	.087	.025	.163	.085	.025		
8.0	.174	.085	.024	.171	.084	.024	.165	.082	.024	.160	.081	.023	.155	.079	.023		
9.0	.164	.079	.022	.161	.079	.022	.156	.077	.022	.151	.076	.022	.147	.074	.022		
10.0	.155	.074	.021	.152	.074	.021	.148	.072	.020	.143	.071	.020	.139	.070	.020		

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	.180	.159	.141	.154	.137	.121	.106	.094	.084	.061	.054	.049	.019	.018	.016	
2.0	.170	.135	.105	.146	.116	.091	.100	.080	.064	.058	.047	.037	.018	.015	.012	
3.0	.162	.117	.082	.139	.101	.071	.095	.070	.050	.055	.041	.029	.018	.013	.010	
4.0	.154	.103	.065	.132	.089	.057	.091	.062	.040	.052	.036	.024	.017	.012	.008	
5.0	.146	.093	.053	.126	.080	.046	.087	.056	.033	.050	.033	.019	.016	.011	.006	
6.0	.140	.084	.045	.120	.073	.039	.083	.051	.028	.048	.030	.016	.015	.010	.005	
7.0	.133	.077	.038	.115	.067	.033	.079	.047	.024	.046	.028	.014	.015	.009	.005	
8.0	.127	.071	.033	.109	.062	.029	.076	.044	.021	.044	.026	.012	.014	.008	.004	
9.0	.121	.067	.029	.105	.058	.026	.072	.041	.018	.042	.024	.011	.014	.008	.004	
10.0	.116	.062	.026	.100	.054	.023	.069	.038	.016	.041	.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 8077 LEDÝL LENS

UGR(Unified Glare Rating) Table

Test:U:230.48V I:0.0792A P:17.764W PF:0.9726 Freq:50.01Hz Lamp Flux:1832.68x1 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	19.5	20.8	19.7	21.0	21.2	17.0	18.4	17.3	18.6	18.8
3H	20.0	21.3	20.3	21.5	21.8	17.0	18.3	17.3	18.5	18.8
4H	20.2	21.4	20.5	21.6	21.9	17.0	18.2	17.3	18.4	18.7
6H	20.2	21.3	20.5	21.6	21.9	16.9	18.1	17.3	18.3	18.6
8H	20.2	21.3	20.5	21.6	21.9	16.9	18.0	17.3	18.3	18.6
12H	20.2	21.2	20.5	21.5	21.8	16.9	17.9	17.2	18.2	18.5
4H 2H	19.6	20.8	19.9	21.1	21.3	17.6	18.8	17.9	19.1	19.3
3H	20.4	21.4	20.7	21.7	22.0	17.7	18.8	18.1	19.0	19.3
4H	20.6	21.5	21.0	21.9	22.2	17.7	18.6	18.1	19.0	19.3
6H	20.7	21.5	21.1	21.9	22.3	17.7	18.5	18.1	18.9	19.2
8H	20.7	21.5	21.1	21.9	22.2	17.7	18.4	18.1	18.8	19.2
12H	20.7	21.4	21.1	21.8	22.2	17.6	18.3	18.1	18.7	19.1
8H 4H	20.5	21.3	20.9	21.7	22.0	17.7	18.5	18.2	18.9	19.3
6H	20.6	21.3	21.1	21.7	22.1	17.8	18.4	18.2	18.8	19.2
8H	20.7	21.2	21.1	21.7	22.1	17.8	18.3	18.2	18.8	19.2
12H	20.7	21.2	21.2	21.6	22.1	17.8	18.2	18.2	18.7	19.2
12H 4H	20.5	21.2	20.9	21.6	22.0	17.7	18.4	18.1	18.8	19.2
6H	20.6	21.2	21.1	21.6	22.1	17.7	18.3	18.2	18.7	19.2
8H	20.6	21.1	21.1	21.6	22.1	17.7	18.2	18.2	18.7	19.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.0 / - 0.9					+ 1.5 / - 2.5				
1.5H	+ 1.8 / - 2.8					+ 1.4 / - 2.1				
2.0H	+ 1.3 / - 3.7					+ 2.0 / - 2.3				

CIE Pub.117, 1833 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.1$)
Area: 0.1 m²

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

γ Range: 0 - 180DEG
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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 8077 LEDÝL LENS

UTILIZATION FACTORS TABLE

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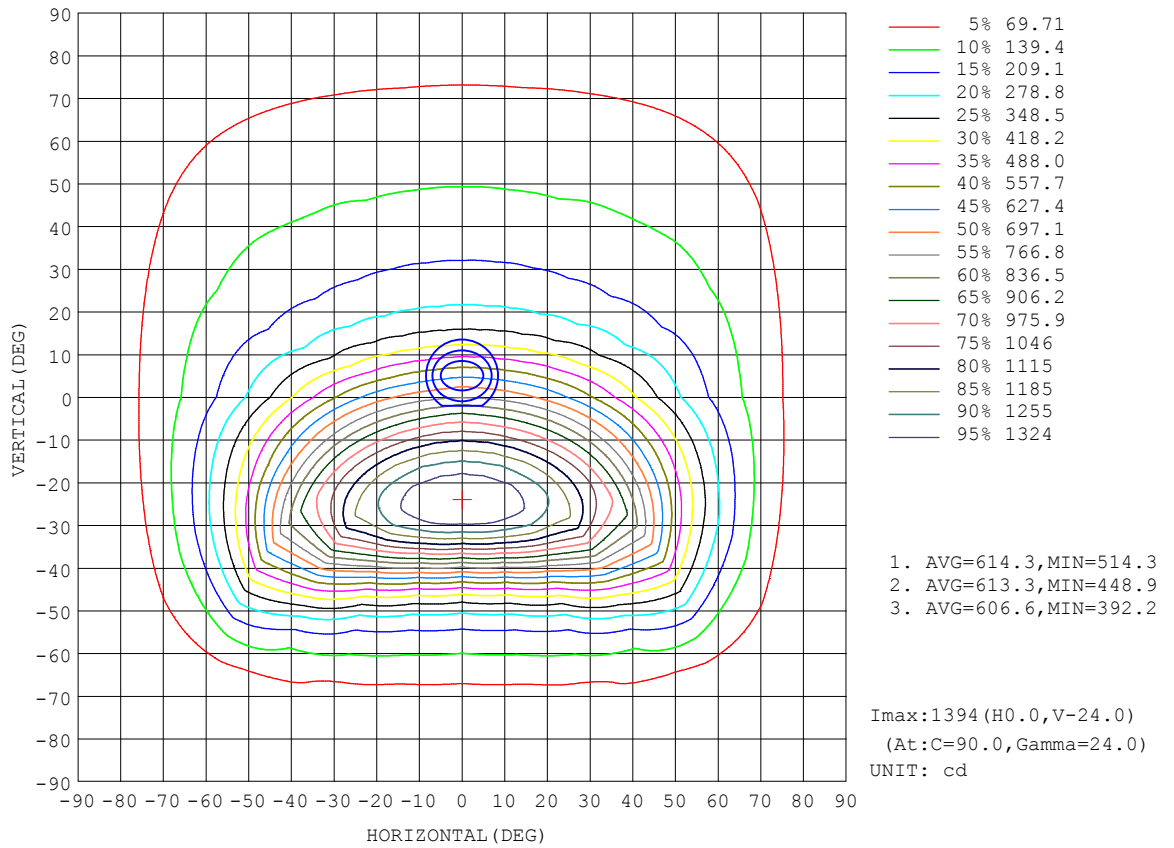
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	53	47	63	53	47	62	53	47	41
0.80	74	64	57	73	63	57	71	62	57	50
1.00	82	72	66	81	72	66	79	73	65	59
1.25	89	80	73	87	79	73	85	77	72	66
1.50	93	85	79	92	84	78	89	82	77	70
2.00	99	92	86	97	91	86	94	88	84	77
2.50	102	96	91	100	94	90	97	92	88	80
3.00	105	99	95	103	98	93	99	95	91	83
4.00	108	104	100	106	102	98	102	98	96	87
5.00	110	106	103	108	104	101	104	101	98	89
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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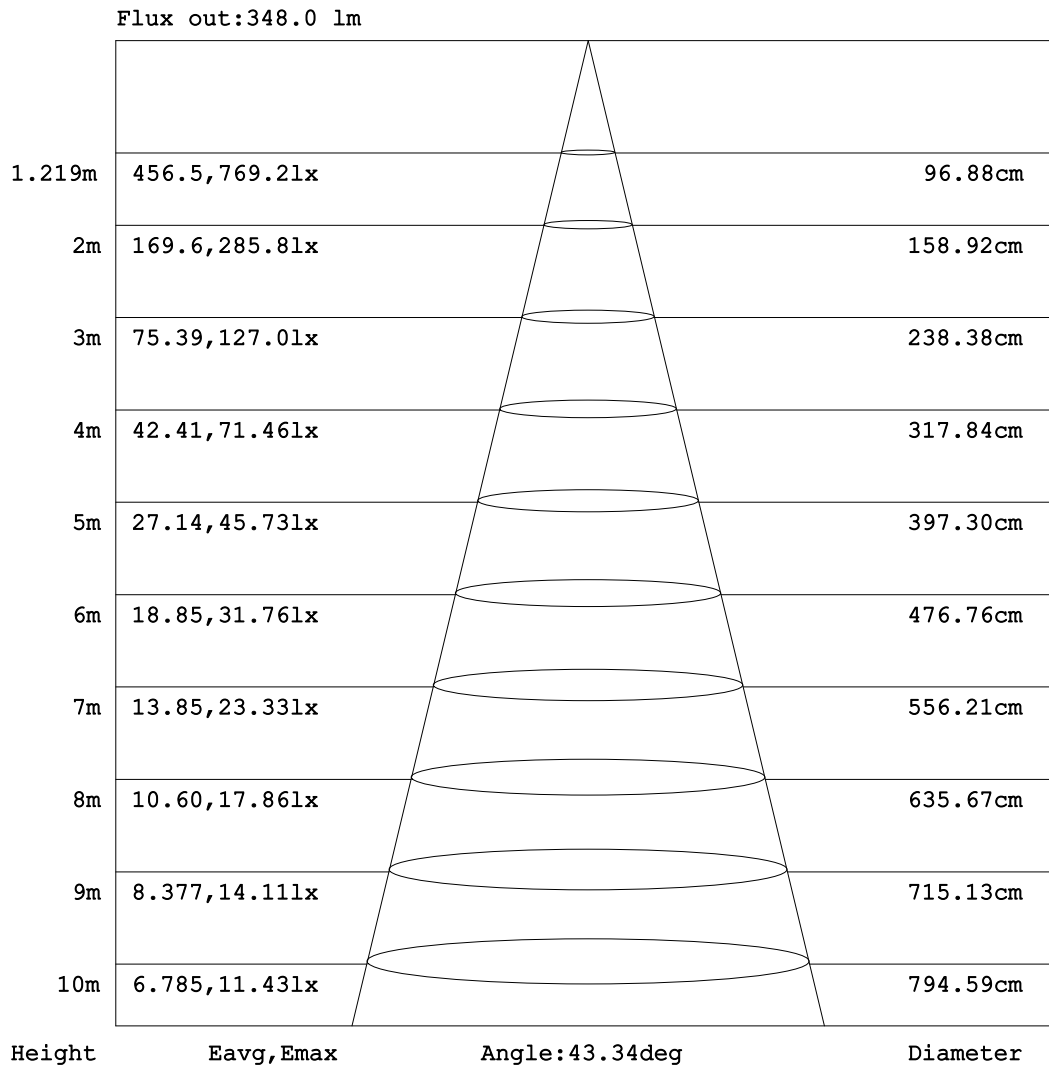


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AAI Figure

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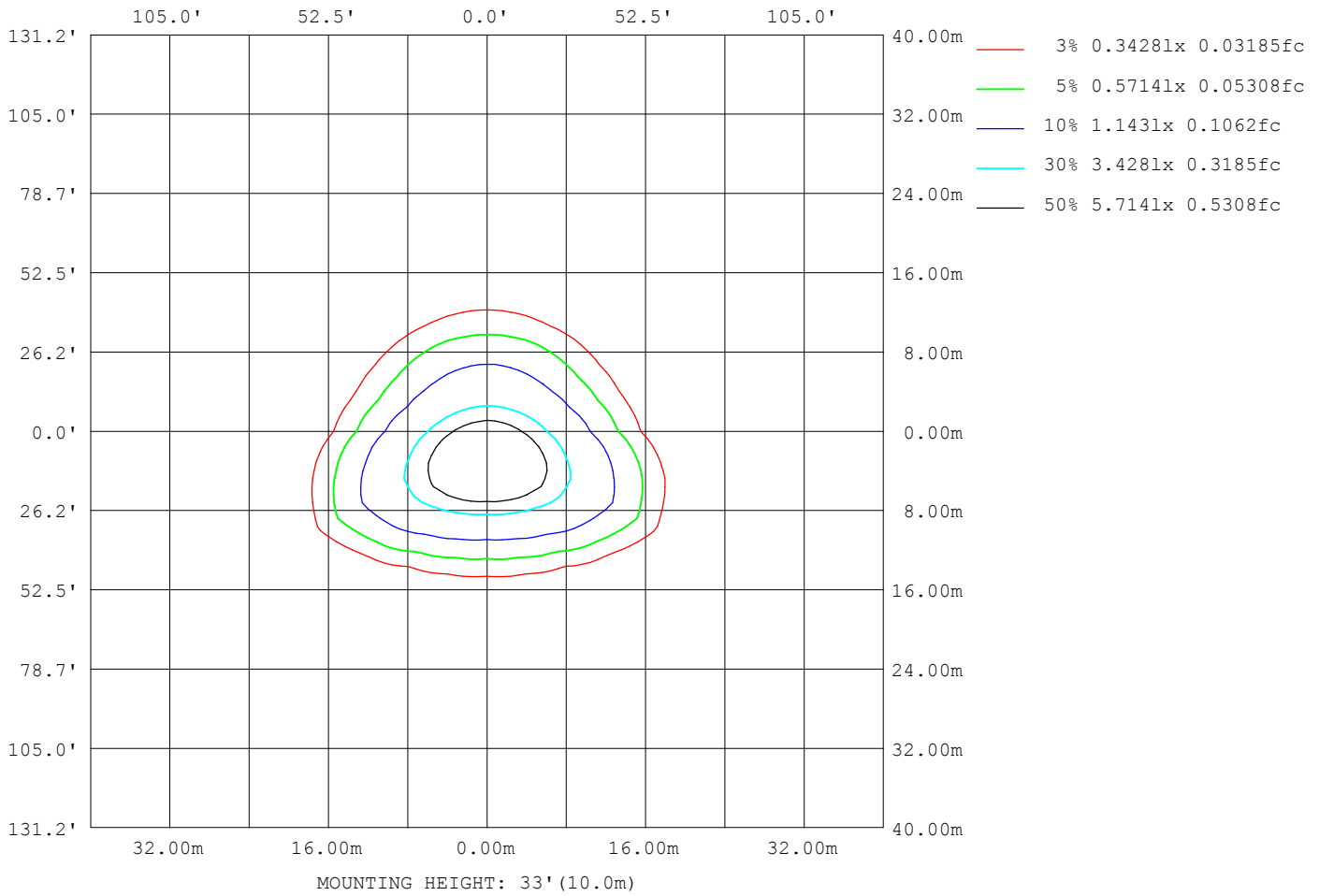
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
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Operators:LITPA
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γ Range: 0 - 180DEG
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Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8077 LEDÝL LENS

ISOLUX DIAGRAM

Test:U:230.48V I:0.0792A P:17.764W PF:0.9726 Freq:50.01Hz Lamp Flux:1832.68x1 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 8077 LEDÝL LENS

LED Avg.L Report

Test:U:230.48V I:0.0792A P:17.764W PF:0.9726 Freq:50.01Hz Lamp Flux:1832.68x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

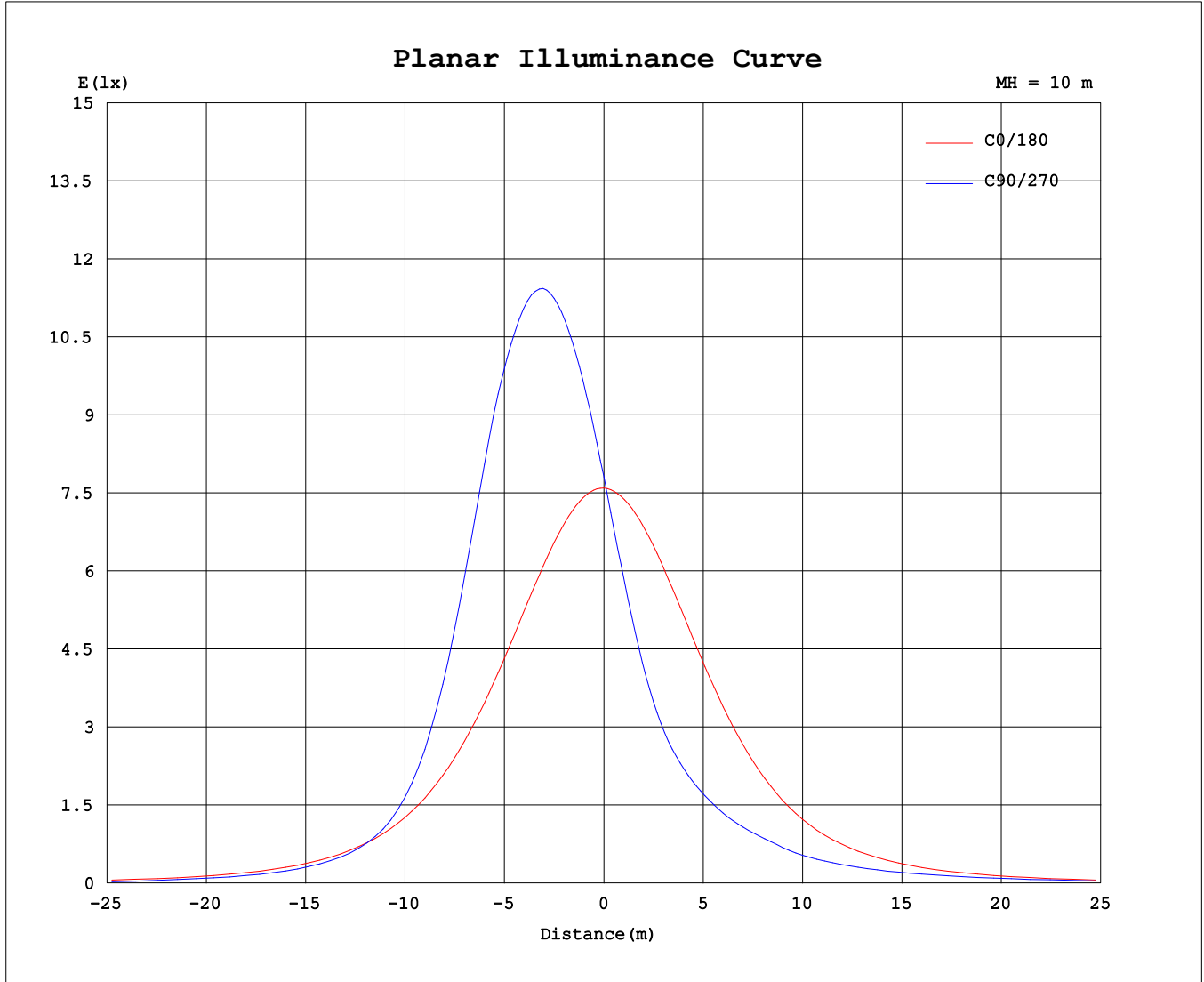
AvgL	cd/m2
L_0~180 (65) av	3494
L_0~180 (75) av	2844
L_0~180 (85) av	2014
L_90~270 (65) av	2320
L_90~270 (75) av	1773
L_90~270 (85) av	1946
L_45 (65) av	3149
L_45 (75) av	1973
L_45 (85) av	2091

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 8077 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 8077 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.48V I:0.0792A P:17.764W PF:0.9726 Freq:50.01Hz Lamp Flux:1832.68x1 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	772	772	772	772	772	772	772	772	772	772	772	772	772	772	772	772	772	772	772
5	767	812	852	890	916	934	938	933	913	886	848	806	764	721	682	651	628	614	610
10	750	840	923	998	1053	1089	1098	1087	1048	992	916	830	745	662	591	536	497	475	468
15	722	855	980	1094	1177	1232	1243	1228	1169	1085	969	841	714	595	500	431	388	366	359
20	683	856	1023	1174	1275	1336	1346	1333	1267	1162	1008	838	673	523	414	347	312	296	291
25	632	843	1049	1229	1327	1376	1377	1373	1320	1215	1030	821	621	449	342	289	264	252	248
30	572	814	1057	1247	1315	1323	1299	1324	1310	1232	1035	789	560	379	286	248	229	220	217
35	506	770	1043	1219	1199	1115	1059	1119	1201	1206	1018	742	492	317	245	216	202	197	194
40	435	711	1002	1121	963	813	742	819	971	1115	976	680	422	267	213	191	182	179	176
45	364	636	933	930	681	521	462	526	690	934	908	604	353	229	186	173	163	153	151
50	299	550	822	694	435	322	289	324	442	703	804	518	291	197	165	154	139	137	136
55	241	456	662	466	273	215	196	216	275	476	649	426	238	169	147	131	123	123	123
60	191	358	481	287	181	150	137	150	181	292	472	331	190	145	130	113	110	112	113
65	147	263	313	169	126	106	95.9	106	125	169	307	243	148	122	109	96.7	98.4	100	100
70	107	169	173	104	62.7	44.3	41.0	44.0	60.3	102	168	157	110	97.9	89.0	83.2	83.3	81.1	80.5
75	71.9	93.0	73.0	36.1	28.9	28.4	27.7	28.2	28.6	35.0	69.4	86.2	75.3	73.1	69.4	66.0	63.2	63.8	64.1
80	40.9	43.7	22.6	19.8	18.1	17.7	17.1	17.5	17.7	19.3	21.6	40.0	44.4	47.2	48.5	48.2	49.4	49.7	50.2
85	15.9	12.0	9.68	8.77	7.83	7.70	7.20	7.43	7.37	8.13	8.84	10.9	19.2	24.0	27.8	27.1	27.0	26.0	26.7
90	0.46	0.56	0.49	0.36	0.33	0.28	0.29	0.33	0.45	0.57	0.80	0.94	1.61	1.43	1.19	0.93	0.65	0.44	0.40
95	0.41	0.39	0.39	0.36	0.32	0.30	0.30	0.34	0.43	0.52	0.63	0.69	0.79	0.97	0.99	0.82	0.58	0.39	0.38
100	0.46	0.40	0.37	0.36	0.32	0.33	0.31	0.36	0.40	0.47	0.58	0.66	0.79	0.91	0.92	0.78	0.58	0.42	0.43
105	0.55	0.46	0.38	0.39	0.34	0.36	0.36	0.38	0.39	0.43	0.52	0.59	0.80	0.91	0.96	0.81	0.63	0.48	0.50
110	0.67	0.53	0.43	0.42	0.36	0.39	0.40	0.43	0.41	0.44	0.48	0.59	0.84	1.00	1.09	0.94	0.77	0.63	0.63
115	0.81	0.61	0.47	0.47	0.42	0.44	0.43	0.47	0.43	0.47	0.48	0.61	0.91	1.12	1.25	1.17	1.00	0.82	0.83
120	1.00	0.72	0.54	0.51	0.46	0.49	0.48	0.52	0.48	0.53	0.53	0.70	1.05	1.28	1.47	1.44	1.28	1.10	1.09
125	1.16	0.83	0.62	0.57	0.53	0.55	0.54	0.58	0.54	0.59	0.60	0.79	1.22	1.49	1.70	1.73	1.60	1.43	1.42
130	1.33	0.96	0.71	0.63	0.56	0.60	0.60	0.63	0.61	0.67	0.69	0.90	1.41	1.72	1.87	2.03	1.95	1.79	1.80
135	1.51	1.10	0.82	0.72	0.64	0.65	0.66	0.70	0.68	0.74	0.78	1.05	1.61	1.92	2.10	2.27	2.28	2.15	2.18
140	1.73	1.29	0.98	0.82	0.71	0.72	0.75	0.79	0.77	0.84	0.89	1.17	1.76	2.07	2.39	2.47	2.48	2.45	2.50
145	1.83	1.46	1.12	0.95	0.82	0.82	0.83	0.89	0.88	0.96	1.04	1.29	1.90	2.29	2.52	2.60	2.72	2.68	2.74
150	1.97	1.62	1.29	1.12	0.98	0.95	0.95	1.03	1.02	1.11	1.20	1.45	2.08	2.38	2.65	2.75	2.82	2.81	2.91
155	2.14	1.79	1.49	1.32	1.15	1.12	1.10	1.18	1.21	1.27	1.35	1.59	2.19	2.51	2.77	2.95	2.95	2.97	3.02
160	2.27	1.98	1.71	1.54	1.37	1.33	1.33	1.38	1.38	1.47	1.55	1.80	2.35	2.57	2.83	3.00	3.05	3.10	3.10
165	2.39	2.15	1.91	1.77	1.62	1.61	1.58	1.62	1.65	1.69	1.78	1.96	2.46	2.62	2.82	3.03	3.04	3.10	3.12
170	2.51	2.31	2.13	2.07	1.90	1.90	1.87	1.90	1.93	1.97	1.96	2.13	2.52	2.63	2.80	2.99	2.94	3.00	3.01
175	2.56	2.47	2.34	2.36	2.22	2.20	2.17	2.20	2.15	2.23	2.18	2.25	2.55	2.63	2.71	2.77	2.74	2.78	2.73
180	2.56	2.55	2.53	2.53	2.50	2.51	2.46	2.47	2.42	2.41	2.36	2.37	2.56	2.56	2.54	2.54	2.51	2.52	2.48

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 8077 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.48V I:0.0792A P:17.764W PF:0.9726 Freq:50.01Hz Lamp Flux:1832.68x1 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	772	772	772	772	772													
5	616	630	655	687	726													
10	477	501	542	599	671													
15	367	392	438	510	609													
20	297	315	353	425	540													
25	253	265	293	351	469													
30	221	230	251	293	398													
35	197	202	218	250	333													
40	179	183	193	217	280													
45	154	164	173	189	238													
50	137	140	156	167	203													
55	123	124	133	148	174													
60	112	109	115	131	148													
65	100	97.8	97.6	112	124													
70	81.7	83.6	83.3	91.3	99.2													
75	63.8	63.6	67.2	70.1	74.2													
80	49.9	49.6	48.4	50.5	48.6													
85	26.9	28.3	28.9	29.5	25.7													
90	0.48	0.70	0.85	2.25	3.09													
95	0.42	0.50	0.58	0.62	0.59													
100	0.46	0.56	0.63	0.69	0.60													
105	0.54	0.68	0.77	0.83	0.71													
110	0.69	0.87	0.99	1.03	0.87													
115	0.92	1.12	1.25	1.27	1.04													
120	1.20	1.41	1.55	1.49	1.24													
125	1.54	1.74	1.83	1.72	1.44													
130	1.91	2.10	2.13	1.89	1.58													
135	2.29	2.40	2.41	2.10	1.78													
140	2.58	2.65	2.58	2.37	1.98													
145	2.80	2.81	2.64	2.41	2.02													
150	2.95	2.92	2.74	2.54	2.14													
155	3.08	3.01	2.92	2.60	2.23													
160	3.14	3.07	2.93	2.60	2.30													
165	3.14	3.01	2.86	2.60	2.37													
170	3.01	2.91	2.77	2.56	2.42													
175	2.76	2.73	2.63	2.48	2.43													
180	2.49	2.44	2.41	2.37	2.36													

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 8077 LEDÝL LENS