

LUMINAIRE PHOTOMETRIC TEST REPORT

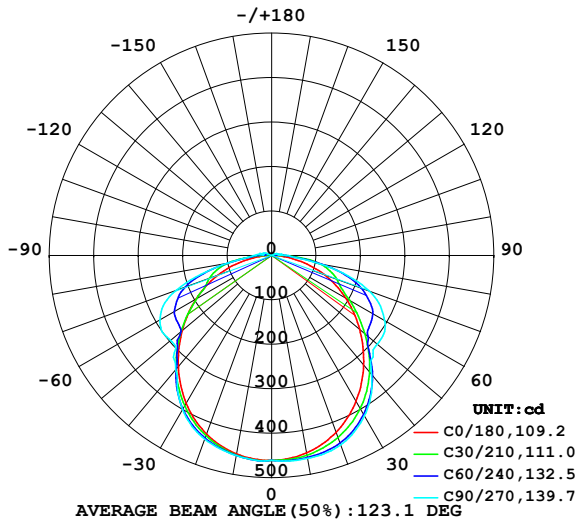
Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz

Lamp Flux:1507.19x1 lm

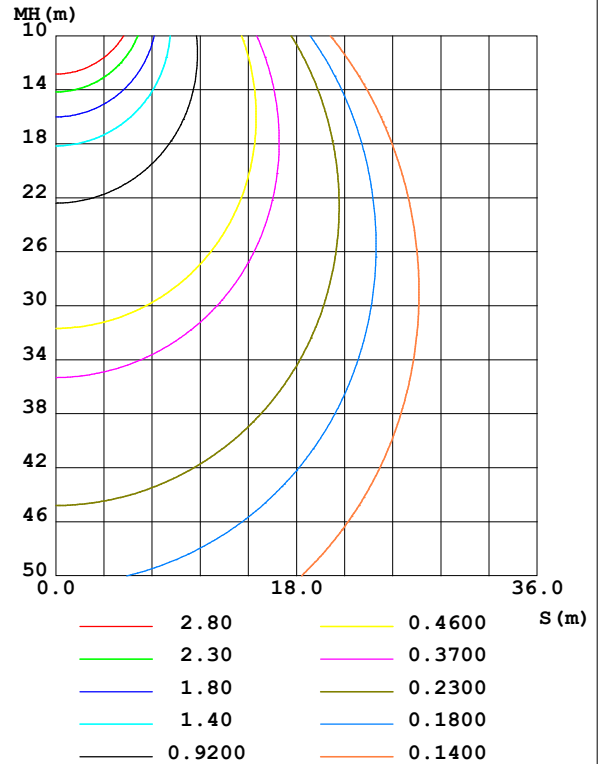
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 84.84 lm/W
MODEL	DFR10	Imax (cd)	464.0	S/MH (C0/180)	1.24	
NOMINAL POWER(W)	17	LOR (%)	100.0	S/MH (C90/270)	1.28	
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	1507.2	η UP,DN (C0-180)	1.1,49.5	
NOMINAL FLUX(lm)	1507.19	CIE CLASS	DIRECT	η UP,DN (C180-360)	1.3,48.2	
LAMPS INSIDE	1	η up (%)	2.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	220	η down (%)	97.7	CIBSE SHR MAX	1.35	

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 8078 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	451.0	459.2	463.5	459.1	453.4	456.2	457.1	455.7	0- 10	43.90	43.90	2.91,2.91
20	423.4	443.2	453.7	442.2	427.9	434.1	439.8	433.4	10- 20	126.9	170.8	11.3,11.3
30	379.4	407.7	417.1	405.8	384.4	395.5	400.6	395.3	20- 30	193.8	364.6	24.2,24.2
40	321.9	351.2	349.6	349.0	326.8	336.4	336.1	337.8	30- 40	231.8	596.4	39.6,39.6
50	258.3	275.3	310.5	273.3	262.5	261.9	297.4	264.9	40- 50	236.0	832.4	55.2,55.2
60	193.2	224.8	294.0	222.2	196.5	213.9	290.1	209.7	50- 60	227.0	1059	70.3,70.3
70	125.7	195.8	233.1	192.3	127.8	181.1	227.8	178.8	60- 70	205.5	1265	83.9,83.9
80	54.60	126.3	110.3	120.0	55.41	104.5	100.6	111.5	70- 80	148.6	1414	93.8,93.8
90	1.474	27.08	36.00	24.09	1.879	24.68	38.13	25.01	80- 90	58.58	1472	97.7,97.7
100	1.248	9.176	14.36	8.626	1.326	10.47	28.41	8.422	90-100	16.08	1488	98.7,98.7
110	1.280	5.802	12.50	5.370	1.326	8.032	15.76	7.235	100-110	8.730	1497	99.3,99.3
120	1.280	2.323	6.578	1.904	1.305	3.735	6.005	3.659	110-120	5.115	1502	99.7,99.7
130	1.270	1.293	2.237	1.158	1.309	1.315	2.683	1.279	120-130	2.063	1504	99.8,99.8
140	1.298	1.310	1.307	1.194	1.305	1.264	1.314	1.283	130-140	1.062	1505	99.9,99.9
150	1.294	1.357	1.353	1.286	1.334	1.300	1.385	1.354	140-150	0.8153	1506	99.9,99.9
160	1.380	1.464	1.439	1.411	1.444	1.435	1.478	1.468	150-160	0.6366	1507	100,100
170	1.500	1.549	1.495	1.543	1.526	1.524	1.556	1.504	160-170	0.4167	1507	100,100
180	1.550	1.553	1.531	1.557	1.536	1.549	1.524	1.550	170-180	0.1460	1507	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 715.48 lm

%lum = 47.5%

%lamp = 47.5%

Conical surface Flux(120deg): 1059.5 lm

%lum = 70.3%

%lamp = 70.3%

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 8078 LEDÝL LENS

LUMINANCE LIMITATION CURVES

Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz

Lamp Flux:1507.19x1 lm

NAME: DFR

TYPE: LED

WEIGHT: 0,5kg

SPEC.: 17W

DIM.: 10mmX1000mmX20mm

SERIAL No.:

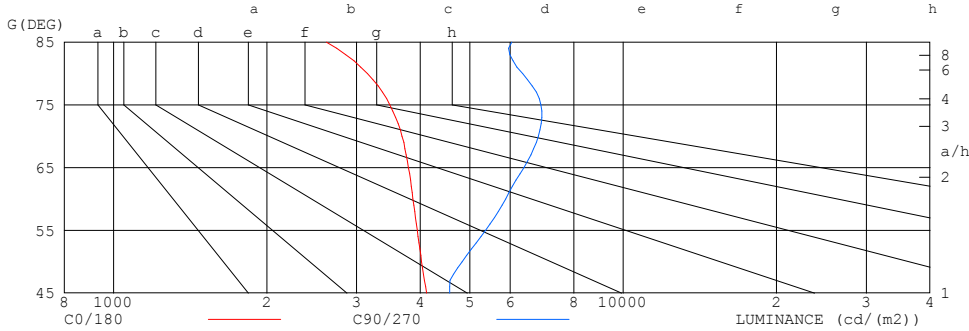
MFR.: LITPA AYDINLATMA

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	2616	6047
80	3149	6351
75	3483	6897
70	3681	6814
65	3792	6387
60	3869	5880
55	3945	5373
50	4024	4831
45	4114	4567

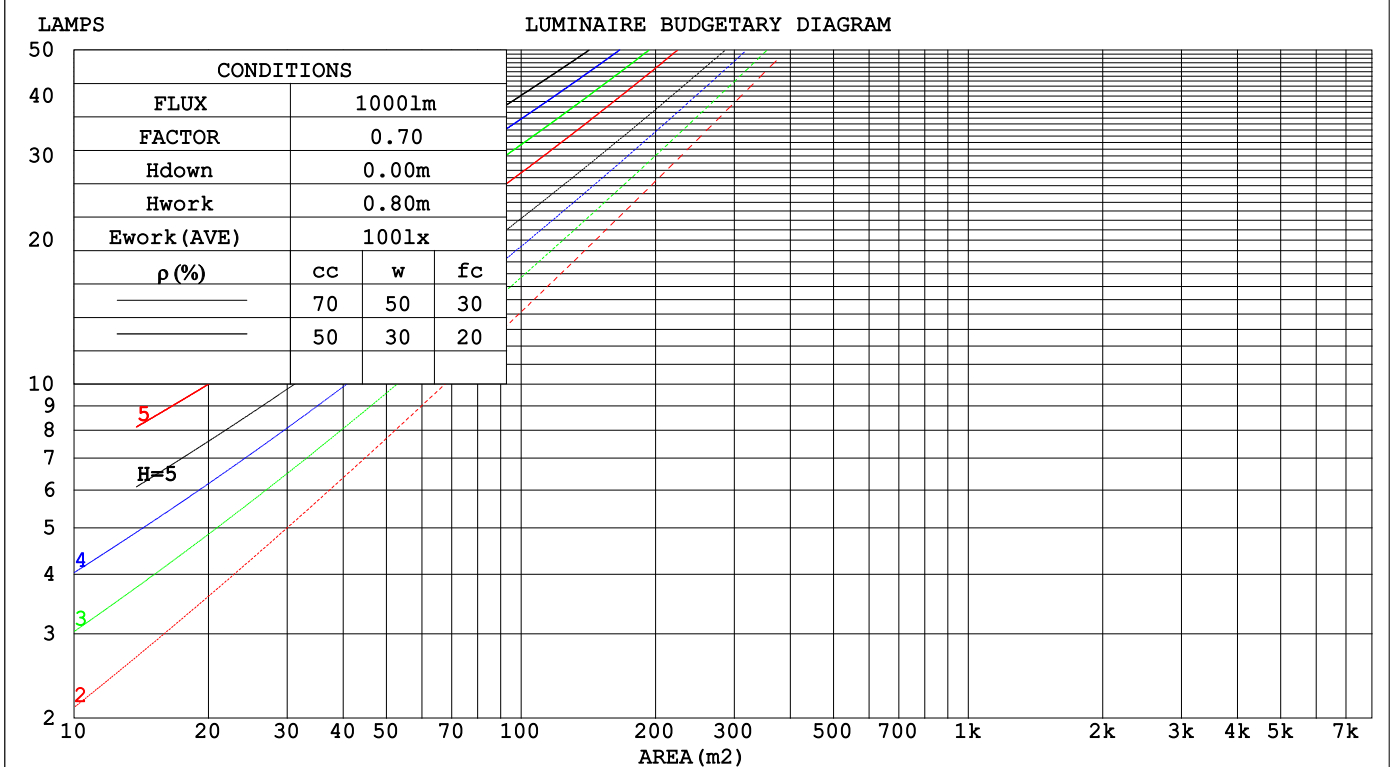
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Temperature:25.3;æ
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8078 LEDÝL LENS

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz Lamp Flux:1507.19x1 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
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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.01	.96	.92	.99	.94	.90	.94	.90	.87	.90	.87	.84	.86	.83	.81	.79
2.0	.87	.80	.73	.85	.78	.72	.81	.75	.70	.77	.73	.68	.74	.70	.66	.64
3.0	.76	.67	.60	.74	.66	.60	.71	.64	.58	.68	.62	.57	.65	.60	.55	.53
4.0	.67	.58	.51	.65	.57	.50	.63	.55	.49	.60	.53	.48	.57	.52	.47	.45
5.0	.60	.50	.43	.58	.49	.43	.56	.48	.42	.54	.47	.41	.52	.46	.41	.39
6.0	.54	.44	.38	.52	.44	.37	.50	.43	.37	.48	.42	.36	.47	.41	.36	.34
7.0	.49	.39	.33	.48	.39	.33	.46	.38	.32	.44	.37	.32	.43	.36	.32	.30
8.0	.44	.35	.29	.43	.35	.29	.42	.34	.29	.40	.34	.29	.39	.33	.28	.26
9.0	.41	.32	.26	.40	.32	.26	.39	.31	.26	.37	.31	.26	.36	.30	.25	.24
10.0	.37	.29	.24	.37	.29	.24	.36	.29	.24	.35	.28	.23	.33	.27	.23	.21



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 8078 LEDÝL LENS

WEC AND CCEC

Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz Lamp Flux:1507.19x1 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	.349	.198	.063	.341	.194	.062	.326	.187	.060	.312	.180	.058	.300	.174	.056		
2.0	.317	.174	.053	.310	.171	.053	.297	.165	.051	.285	.160	.050	.274	.155	.049		
3.0	.288	.153	.046	.282	.151	.045	.270	.146	.044	.259	.142	.044	.249	.138	.043		
4.0	.262	.136	.040	.257	.134	.040	.246	.131	.039	.237	.127	.038	.228	.124	.038		
5.0	.240	.122	.035	.235	.121	.035	.226	.118	.035	.217	.115	.034	.209	.112	.034		
6.0	.221	.111	.032	.217	.109	.032	.208	.107	.031	.201	.104	.031	.193	.102	.030		
7.0	.205	.101	.029	.201	.100	.028	.193	.098	.028	.186	.095	.028	.180	.093	.027		
8.0	.190	.093	.026	.187	.092	.026	.180	.090	.026	.174	.088	.025	.168	.086	.025		
9.0	.178	.086	.024	.175	.085	.024	.168	.083	.024	.163	.082	.023	.157	.080	.023		
10.0	.167	.080	.022	.164	.079	.022	.158	.078	.022	.153	.076	.022	.148	.075	.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	.208	.208	.208	.178	.178	.178	.121	.121	.121	.070	.070	.070	.022	.022	.022	
1.0	.201	.174	.149	.172	.149	.128	.118	.103	.089	.068	.059	.052	.022	.019	.017	
2.0	.194	.150	.113	.166	.129	.098	.114	.089	.068	.066	.052	.040	.021	.017	.013	
3.0	.186	.133	.090	.159	.114	.078	.109	.079	.055	.063	.046	.032	.020	.015	.011	
4.0	.178	.119	.075	.153	.103	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
5.0	.171	.109	.064	.146	.094	.056	.101	.066	.039	.058	.039	.023	.019	.013	.008	
6.0	.163	.101	.056	.140	.087	.049	.097	.061	.035	.056	.036	.021	.018	.012	.007	
7.0	.156	.094	.051	.134	.082	.044	.093	.057	.031	.054	.034	.019	.017	.011	.006	
8.0	.149	.088	.046	.128	.077	.041	.089	.054	.029	.052	.032	.017	.017	.010	.006	
9.0	.143	.083	.043	.123	.072	.038	.085	.051	.027	.050	.030	.016	.016	.010	.005	
10.0	.137	.079	.041	.118	.069	.035	.082	.048	.025	.048	.029	.015	.015	.009	.005	

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 8078 LEDÝL LENS

UGR(Unified Glare Rating) Table

Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz Lamp Flux:1507.19x1 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	15.8	17.3	16.1	17.6	17.8	17.5	19.1	17.8	19.3	19.6
	3H	17.4	18.8	17.7	19.1	19.4	20.1	21.5	20.4	21.8	22.1
	4H	18.1	19.4	18.4	19.7	20.0	21.2	22.5	21.5	22.8	23.2
	6H	18.6	19.9	18.9	20.2	20.5	21.9	23.2	22.3	23.6	23.9
	8H	18.8	20.0	19.1	20.3	20.7	22.2	23.4	22.6	23.8	24.1
	12H	18.9	20.1	19.3	20.4	20.8	22.3	23.5	22.7	23.9	24.3
4H	2H	16.8	18.2	17.2	18.5	18.8	18.1	19.5	18.5	19.8	20.1
	3H	18.7	19.9	19.1	20.2	20.6	20.9	22.1	21.3	22.5	22.8
	4H	19.5	20.7	20.0	21.0	21.4	22.2	23.3	22.6	23.7	24.0
	6H	20.2	21.2	20.7	21.6	22.0	23.1	24.1	23.5	24.5	24.9
	8H	20.5	21.4	20.9	21.8	22.3	23.4	24.3	23.9	24.8	25.2
	12H	20.7	21.5	21.1	21.9	22.4	23.6	24.5	24.1	24.9	25.4
8H	4H	20.5	21.4	20.9	21.8	22.2	22.6	23.5	23.0	23.9	24.3
	6H	21.5	22.3	22.0	22.7	23.2	23.7	24.5	24.2	24.9	25.4
	8H	21.9	22.6	22.4	23.1	23.6	24.1	24.8	24.6	25.3	25.8
	12H	22.3	22.9	22.8	23.4	23.9	24.4	25.0	25.0	25.5	26.1
12H	4H	20.6	21.5	21.1	21.9	22.3	22.6	23.5	23.1	23.9	24.3
	6H	21.8	22.5	22.3	22.9	23.5	23.8	24.5	24.3	25.0	25.5
	8H	22.3	23.0	22.9	23.4	24.0	24.3	24.9	24.8	25.4	25.9
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 1507 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.4$)
Area: 0.1 m²

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Operators:LITPA
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γ Range: 0 - 180DEG
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 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: DFR10 17W 8078 LEDÝL LENS

UTILIZATION FACTORS TABLE

Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz Lamp Flux:1507.19x1 lm		
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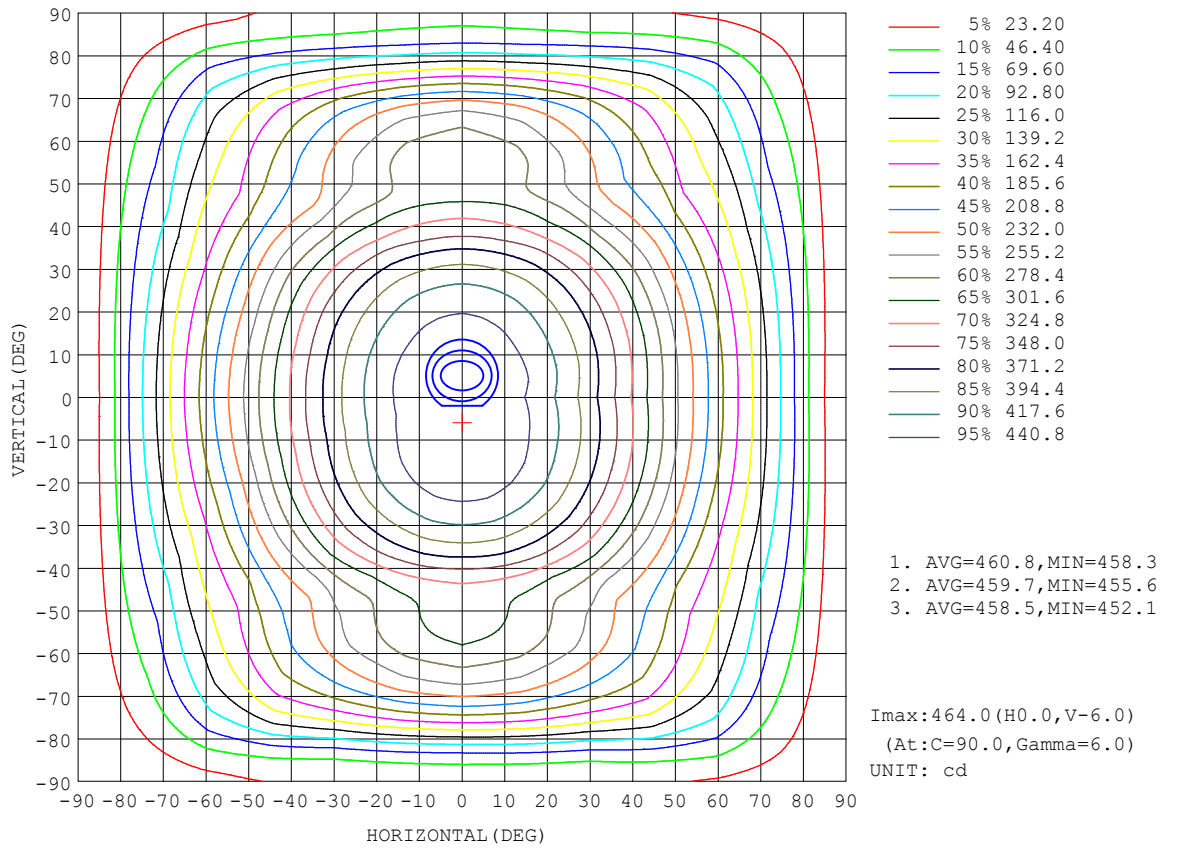
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	43	36	54	43	36	53	42	35	29
0.80	64	52	45	63	52	44	61	51	44	37
1.00	72	61	53	71	60	52	69	61	52	44
1.25	79	68	60	78	67	60	75	66	59	51
1.50	84	74	66	83	73	65	79	71	64	56
2.00	92	82	75	89	81	74	86	78	72	64
2.50	96	87	80	93	86	79	89	83	77	68
3.00	99	92	85	97	90	84	92	87	82	72
4.00	104	97	92	101	95	90	96	92	87	78
5.00	106	101	96	104	99	94	99	95	91	81
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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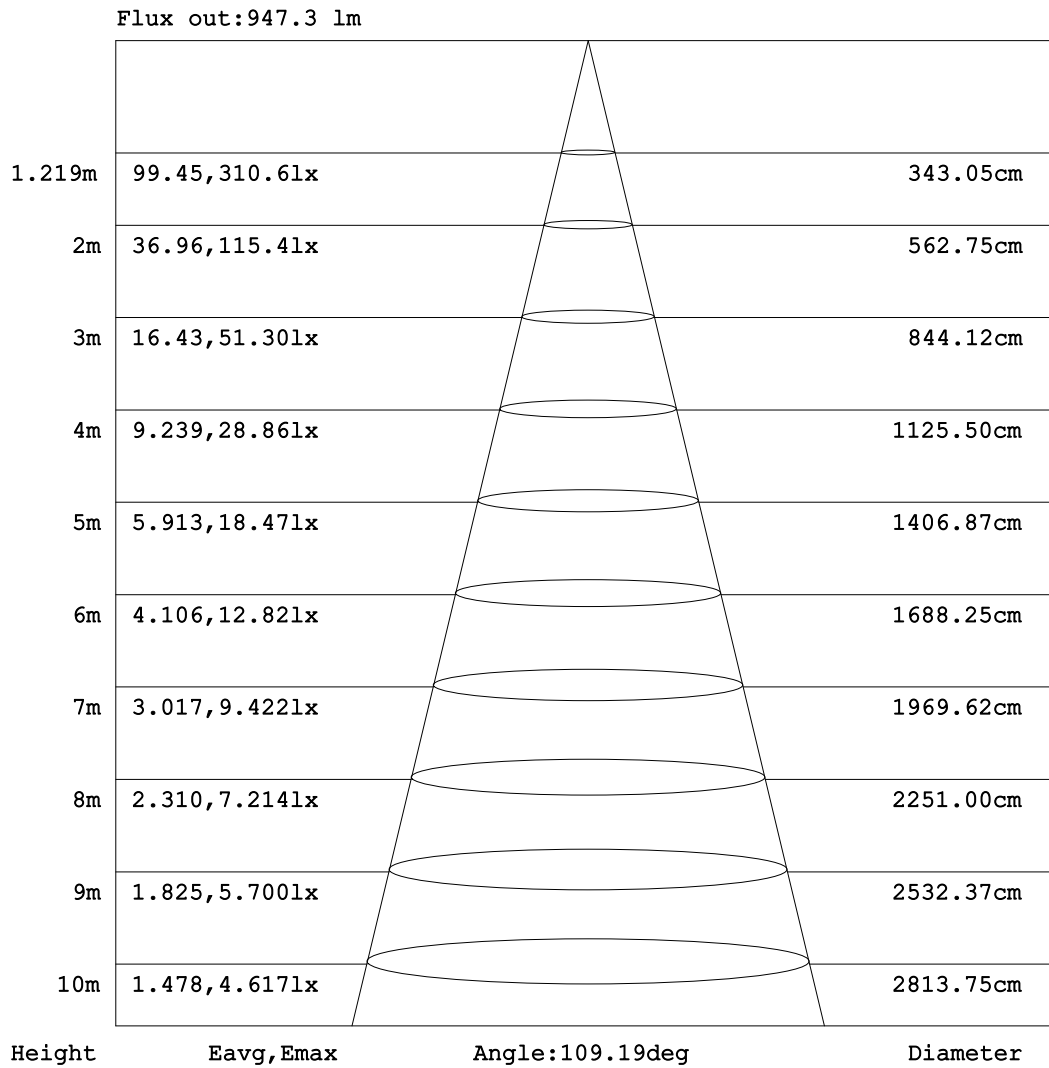


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AAI Figure

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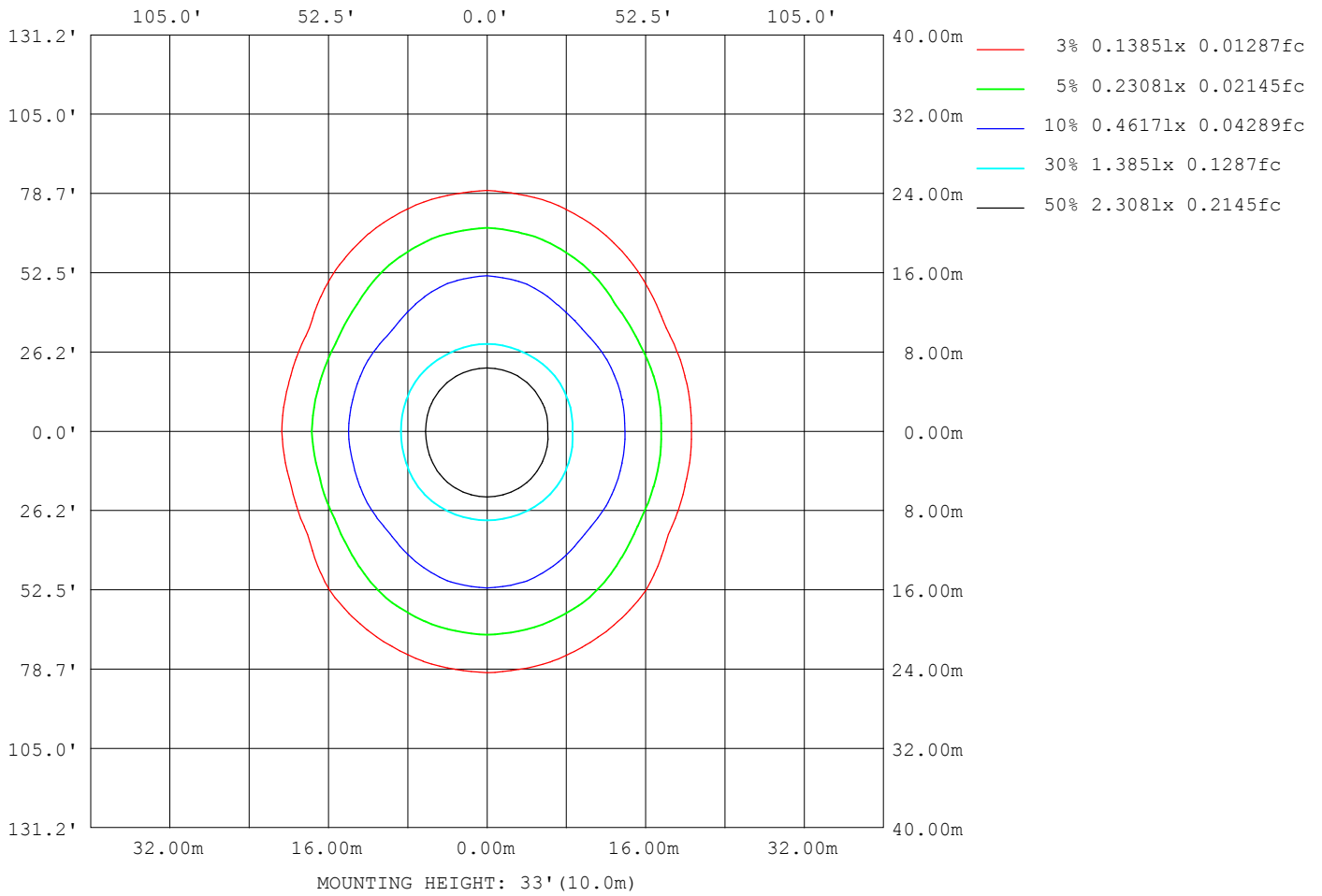
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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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 8078 LEDÝL LENS

ISOLUX DIAGRAM

Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz Lamp Flux:1507.19x1 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 8078 LEDÝL LENS

LED Avg.L Report

Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz Lamp Flux:1507.19x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,5kg
SPEC.: 17W	DIM.: 10mmX1000mmX20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

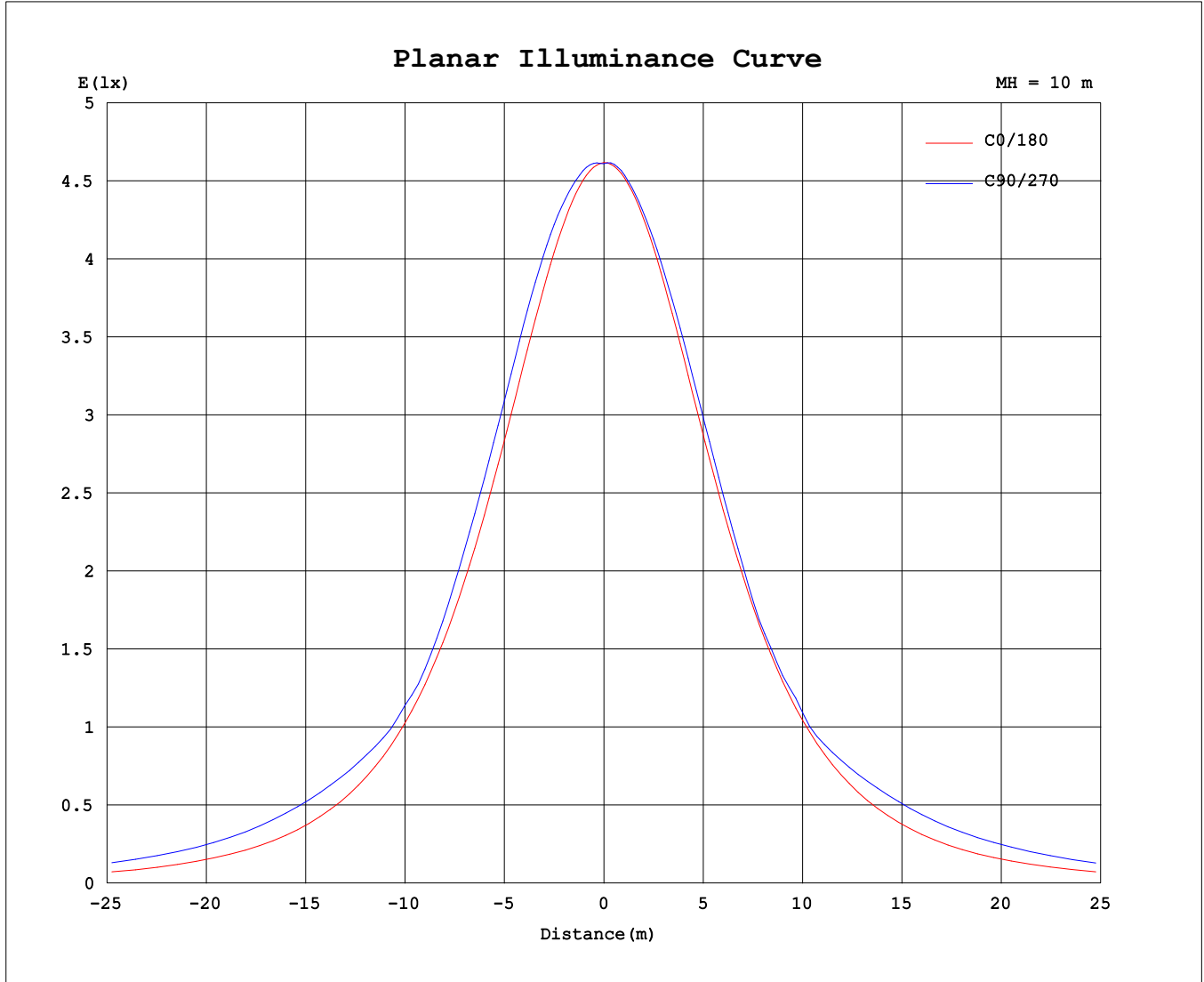
AvgL	cd/m2
L_0~180 (65) av	3820
L_0~180 (75) av	3511
L_0~180 (85) av	2619
L_90~270 (65) av	6386
L_90~270 (75) av	6640
L_90~270 (85) av	6086
L_45 (65) av	4884
L_45 (75) av	6207
L_45 (85) av	6687

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 8078 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 8078 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz Lamp Flux:1507.19x1 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	461	461	461	461	461	461	461	461	461	461	461	461	461	461	461	461	461	461	461
5	458	459	460	462	463	464	464	464	463	462	461	459	459	461	461	461	462	462	462
10	451	453	457	459	461	463	463	463	461	459	457	453	453	455	456	456	457	457	457
15	439	444	448	453	457	460	461	460	457	452	448	443	443	445	446	447	449	450	450
20	423	430	436	443	449	453	454	452	448	442	435	429	428	430	432	434	437	439	440
25	403	411	419	428	434	438	439	437	433	427	418	410	408	410	413	417	421	423	424
30	379	389	398	408	413	417	417	416	412	406	396	387	384	386	391	395	399	400	401
35	352	363	373	382	386	389	389	389	385	380	370	360	357	359	364	368	371	369	369
40	322	334	343	351	353	352	350	352	352	349	339	330	327	328	334	336	334	333	336
45	290	301	309	316	312	316	323	316	310	314	306	297	295	295	301	299	300	309	310
50	258	266	273	275	283	301	311	301	281	273	270	261	263	261	266	262	266	289	297
55	226	231	238	243	271	299	308	298	269	241	235	226	230	227	230	226	260	290	300
60	193	196	203	225	263	287	294	286	261	222	199	191	196	193	195	214	253	280	290
65	160	163	173	214	242	262	270	261	240	211	168	157	163	160	165	202	234	260	270
70	126	131	156	196	214	229	233	227	211	192	151	125	128	127	149	181	206	221	228
75	90.0	97.8	137	170	173	178	179	176	169	165	131	91.2	91.7	91.9	128	153	159	161	165
80	54.6	70.4	110	126	114	113	110	110	109	120	104	63.7	55.4	67.2	99.6	105	100	97.7	101
85	22.8	44.2	68.0	64.7	54.5	54.0	52.7	51.9	50.2	57.7	58.7	36.9	22.9	39.5	54.0	52.1	50.0	51.2	53.4
90	1.47	11.0	20.3	27.1	30.8	34.9	36.0	34.4	29.6	24.1	16.5	8.02	1.88	9.96	18.0	24.7	31.0	35.8	38.1
95	1.25	3.63	8.56	16.6	19.6	15.8	16.7	17.6	19.8	15.0	7.62	3.16	1.33	4.35	11.6	17.2	15.4	17.9	18.8
100	1.25	2.18	5.84	9.18	10.7	13.5	14.4	13.4	11.0	8.63	5.66	1.79	1.33	2.88	7.07	10.5	13.5	25.7	28.4
105	1.28	1.38	4.45	7.28	9.77	12.6	13.7	12.3	9.80	7.09	3.98	1.31	1.33	1.82	5.86	9.08	13.2	18.4	20.8
110	1.28	1.34	2.83	5.80	8.58	11.5	12.5	11.1	8.39	5.37	2.35	1.28	1.33	1.38	4.30	8.03	12.1	14.4	15.8
115	1.28	1.33	1.49	4.11	6.84	9.26	9.91	8.86	6.49	3.68	1.28	1.28	1.32	1.37	2.79	6.04	8.40	9.34	10.0
120	1.28	1.33	1.38	2.32	4.64	6.21	6.58	5.92	4.30	1.90	1.21	1.25	1.31	1.35	1.45	3.74	5.07	5.55	6.01
125	1.28	1.31	1.35	1.29	2.56	3.70	3.97	3.54	2.33	1.11	1.19	1.21	1.31	1.32	1.27	2.10	3.17	3.56	3.84
130	1.27	1.28	1.33	1.29	1.26	1.81	2.24	1.72	1.17	1.16	1.16	1.22	1.31	1.32	1.27	1.31	2.16	2.54	2.68
135	1.26	1.29	1.33	1.29	1.25	1.21	1.31	1.23	1.17	1.18	1.16	1.24	1.31	1.30	1.29	1.27	1.38	1.87	2.01
140	1.30	1.33	1.33	1.31	1.25	1.24	1.31	1.28	1.18	1.19	1.16	1.23	1.31	1.29	1.30	1.26	1.28	1.32	1.31
145	1.30	1.33	1.33	1.33	1.28	1.27	1.31	1.33	1.24	1.24	1.21	1.24	1.31	1.30	1.30	1.27	1.34	1.32	1.34
150	1.29	1.35	1.33	1.36	1.29	1.32	1.35	1.37	1.28	1.29	1.25	1.30	1.33	1.31	1.33	1.30	1.36	1.34	1.39
155	1.33	1.38	1.39	1.39	1.34	1.36	1.39	1.38	1.34	1.34	1.33	1.33	1.36	1.33	1.37	1.38	1.40	1.39	1.44
160	1.38	1.43	1.44	1.46	1.39	1.42	1.44	1.42	1.38	1.41	1.38	1.42	1.44	1.38	1.44	1.43	1.45	1.44	1.48
165	1.44	1.47	1.45	1.48	1.44	1.49	1.47	1.48	1.45	1.48	1.45	1.47	1.50	1.44	1.48	1.48	1.51	1.47	1.54
170	1.50	1.51	1.48	1.55	1.48	1.53	1.50	1.51	1.51	1.54	1.48	1.52	1.53	1.49	1.53	1.52	1.53	1.50	1.56
175	1.55	1.56	1.51	1.56	1.51	1.53	1.51	1.54	1.54	1.56	1.52	1.54	1.54	1.51	1.56	1.55	1.54	1.51	1.52
180	1.55	1.56	1.54	1.55	1.55	1.54	1.53	1.54	1.54	1.56	1.55	1.55	1.54	1.54	1.55	1.55	1.55	1.52	1.52

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 8078 LEDÝL LENS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.50V I:0.0792A P:17.765W PF:0.9729 Freq:0Hz Lamp Flux:1507.19x1 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	461	461	461	461	461													
5	462	461	461	461	460													
10	457	456	456	455	455													
15	449	448	446	445	444													
20	439	437	433	431	429													
25	423	421	417	413	410													
30	400	399	395	391	387													
35	369	371	369	365	360													
40	333	336	338	336	330													
45	310	301	303	303	298													
50	286	267	265	269	265													
55	287	255	233	235	231													
60	277	249	210	199	197													
65	258	230	198	165	164													
70	221	206	179	145	131													
75	163	163	155	126	96.8													
80	99.9	105	112	101	66.2													
85	51.9	53.5	58.6	60.7	41.1													
90	35.5	31.0	25.0	18.8	10.5													
95	17.6	15.1	12.3	12.1	3.79													
100	25.0	14.0	8.42	6.15	2.33													
105	17.6	11.8	8.25	5.14	1.40													
110	14.6	11.4	7.23	3.81	1.30													
115	9.67	8.50	5.68	2.15	1.28													
120	5.73	5.26	3.66	1.27	1.28													
125	3.62	3.24	1.85	1.24	1.27													
130	2.52	2.09	1.28	1.24	1.25													
135	1.85	1.34	1.28	1.26	1.25													
140	1.30	1.30	1.28	1.31	1.28													
145	1.30	1.34	1.30	1.33	1.28													
150	1.34	1.39	1.35	1.38	1.33													
155	1.39	1.44	1.44	1.43	1.35													
160	1.44	1.50	1.47	1.48	1.39													
165	1.49	1.51	1.48	1.50	1.45													
170	1.51	1.56	1.50	1.53	1.49													
175	1.52	1.56	1.52	1.55	1.52													
180	1.53	1.54	1.55	1.55	1.52													

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 8078 LEDÝL LENS