

LUMINAIRE PHOTOMETRIC TEST REPORT

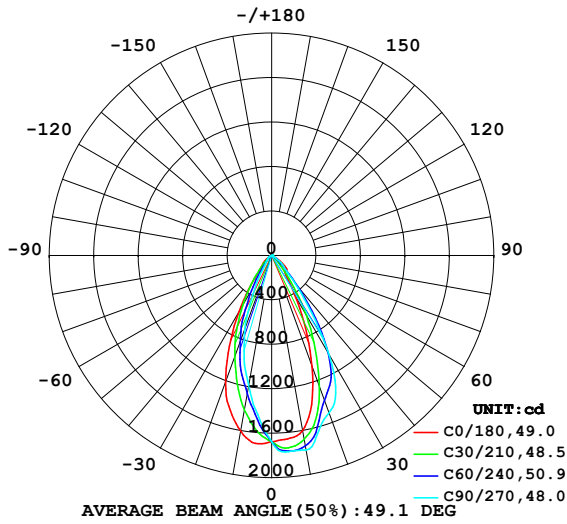
Test:U:230.54V I:0.0865A P:18.755W PF:0.9409 Freq:50.01Hz

Lamp Flux:1344.94x1 lm

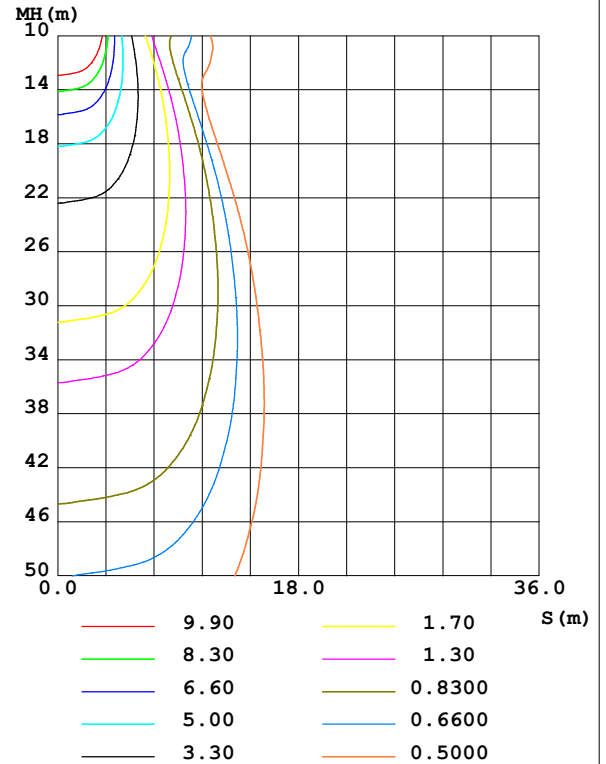
NAME: DFR	TYPE: LED	WEIGHT: 0,3kg
SPEC.: 17W	DIM.: 10X84X20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 71.71 lm/W
MODEL	DFR10	Imax (cd)	1793	S/MH (C0/180)	0.80	
NOMINAL POWER(W)	17	LOR (%)	100.0	S/MH (C90/270)	0.55	
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	1344.9	η UP,DN (C0-180)	0.1,62.0	
NOMINAL FLUX(lm)	1344.94	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.2,37.6	
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:09/10/2025

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 LEDÝL C19332_DALINE REFLEKTÖR

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1602	1711	1777	1738	1607	1324	1192	1328	0- 10	153.4	153.4	11.4, 11.4
20	1065	1340	1508	1487	1216	913.0	710.9	965.4	10- 20	378.6	532.0	39.6, 39.6
30	437.4	861.6	1039	1056	597.3	455.7	232.1	426.1	20- 30	411.9	943.9	70.2, 70.2
40	189.9	305.7	328.7	482.6	165.9	138.6	75.26	129.8	30- 40	251.0	1195	88.8, 88.8
50	163.6	47.76	127.1	56.63	83.88	31.83	45.02	31.53	40- 50	98.48	1293	96.2, 96.2
60	40.81	13.28	13.35	11.58	24.35	11.54	17.75	12.18	50- 60	38.93	1332	99.1, 99.1
70	2.954	0.7668	0.8379	0.7938	6.450	1.046	1.548	1.106	60- 70	6.143	1338	99.5, 99.5
80	3.287	0.2698	0.3147	0.2564	3.979	0.3486	0.4476	0.3888	70- 80	1.101	1340	99.6, 99.6
90	1.988	0.1030	0.1060	0.0891	0.9132	0.0995	0.1201	0.1711	80- 90	0.4482	1340	99.6, 99.6
100	0.0865	0.1031	0.1024	0.0998	0.1081	0.0924	0.1343	0.1640	90-100	0.1410	1340	99.6, 99.6
110	0.1152	0.1279	0.1059	0.1248	0.1803	0.1314	0.2226	0.1817	100-110	0.1314	1340	99.7, 99.7
120	0.2414	0.2062	0.1517	0.2175	0.3354	0.3479	0.4701	0.4273	110-120	0.2104	1340	99.7, 99.7
130	0.6012	0.4374	0.3209	0.4458	0.6566	0.8096	1.053	0.9723	120-130	0.4094	1341	99.7, 99.7
140	1.289	0.8889	0.7233	0.8987	1.233	1.541	1.862	1.731	130-140	0.7235	1342	99.8, 99.8
150	2.068	1.568	1.422	1.537	2.044	2.352	2.706	2.466	140-150	1.017	1343	99.8, 99.8
160	2.886	2.442	2.280	2.296	2.822	3.233	3.391	3.211	150-160	1.104	1344	99.9, 99.9
170	3.668	3.351	3.100	3.201	3.439	3.805	3.941	3.706	160-170	0.8811	1345	100, 100
180	3.853	3.777	3.729	3.714	3.853	3.777	3.729	3.714	170-180	0.3448	1345	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1255.2 lm

%lum = 93.3%

%lamp = 93.3%

Conical surface Flux(120deg): 1332.3 lm

%lum = 99.1%

%lamp = 99.1%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:09/10/2025

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 LEDÝL C19332_DALINE REFLEKTÖR

LUMINANCE LIMITATION CURVES

Test:U:230.54V I:0.0865A P:18.755W PF:0.9409 Freq:50.01Hz

Lamp Flux:1344.94x1 lm

NAME: DFR

TYPE: LED

WEIGHT: 0,3kg

SPEC.: 17W

DIM.: 10X84X20mm

SERIAL No.:

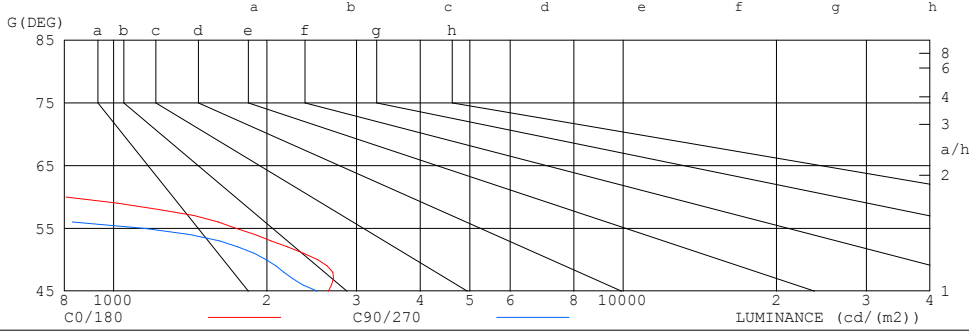
MFR.: LITPA AYDINLATMA

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	341	20
80	187	18
75	99	20
70	85	25
65	95	45
60	807	269
55	1741	1151
50	2516	1994
45	2640	2511

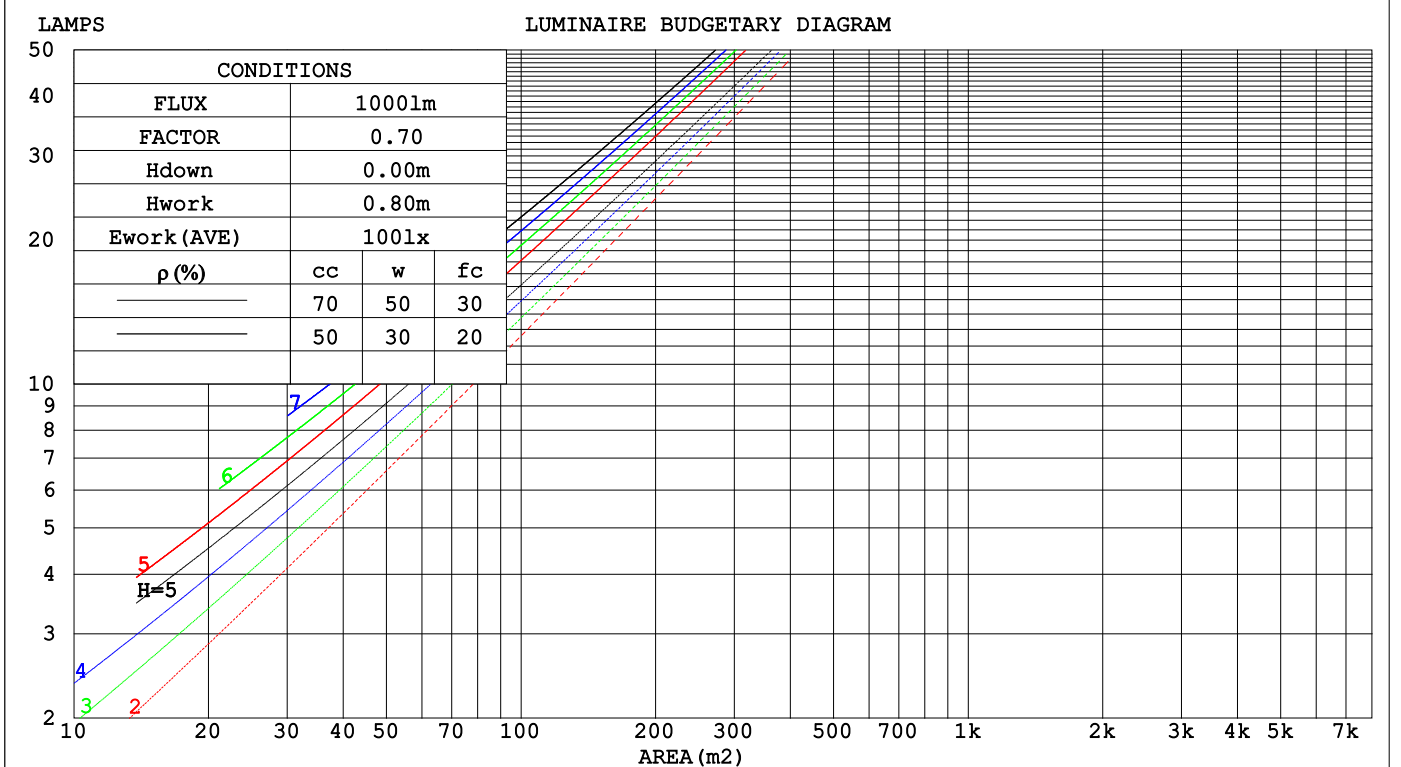
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Test Distance:7.000m [K=1.0000]
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.: 17W	DIM.: 10X84X20mm	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	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.84	.89	.86	.83	.87	.84	.82	.80
4.0	.89	.84	.79	.88	.83	.79	.86	.81	.78	.84	.80	.77	.82	.79	.76	.75
5.0	.84	.78	.73	.83	.77	.73	.81	.76	.72	.79	.75	.72	.77	.74	.71	.69
6.0	.78	.72	.68	.78	.72	.68	.76	.71	.67	.75	.70	.67	.73	.69	.66	.65
7.0	.74	.68	.63	.73	.67	.63	.72	.67	.63	.70	.66	.62	.69	.65	.62	.61
8.0	.69	.63	.59	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.61	.58	.57
9.0	.66	.60	.56	.65	.59	.56	.64	.59	.55	.63	.58	.55	.62	.58	.55	.54
10.0	.62	.56	.52	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.52	.51



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C Interval: 15.0DEG
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Temperature:25.3;æ
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Test Date:09/10/2025

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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]
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WEC AND CCEC

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NAME: DFR	TYPE: LED	WEIGHT: 0,3kg
SPEC.: 17W	DIM.: 10X84X20mm	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	.180	.102	.032	.173	.099	.031	.160	.092	.029	.149	.086	.028	.138	.080	.026	
2.0	.173	.095	.029	.167	.092	.028	.157	.087	.027	.147	.082	.026	.137	.078	.024	
3.0	.165	.088	.026	.160	.086	.026	.151	.082	.025	.142	.078	.024	.134	.074	.023	
4.0	.157	.082	.024	.153	.080	.024	.145	.077	.023	.138	.074	.022	.131	.071	.022	
5.0	.150	.076	.022	.146	.075	.022	.139	.072	.021	.133	.070	.021	.127	.068	.020	
6.0	.143	.072	.021	.140	.071	.020	.134	.068	.020	.128	.066	.020	.122	.064	.019	
7.0	.136	.067	.019	.134	.067	.019	.128	.065	.019	.123	.063	.018	.118	.061	.018	
8.0	.130	.064	.018	.128	.063	.018	.123	.061	.018	.118	.060	.017	.114	.059	.017	
9.0	.125	.060	.017	.123	.060	.017	.118	.058	.017	.114	.057	.016	.110	.056	.016	
10.0	.120	.057	.016	.118	.057	.016	.114	.056	.016	.110	.055	.016	.106	.053	.015	

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	.174	.160	.147	.149	.137	.127	.102	.095	.088	.059	.055	.051	.019	.018	.017	
2.0	.159	.135	.115	.136	.116	.100	.093	.081	.069	.054	.047	.041	.017	.015	.013	
3.0	.147	.116	.092	.126	.100	.080	.087	.070	.056	.050	.041	.033	.016	.013	.011	
4.0	.137	.102	.075	.118	.088	.065	.081	.061	.046	.047	.036	.027	.015	.012	.009	
5.0	.129	.090	.062	.110	.078	.054	.076	.055	.038	.044	.032	.023	.014	.010	.007	
6.0	.121	.081	.052	.104	.070	.045	.072	.049	.032	.042	.029	.019	.013	.009	.006	
7.0	.115	.074	.045	.099	.064	.039	.068	.045	.028	.040	.026	.016	.013	.009	.005	
8.0	.109	.067	.039	.094	.058	.034	.065	.041	.024	.038	.024	.014	.012	.008	.005	
9.0	.104	.062	.034	.090	.054	.030	.062	.038	.021	.036	.022	.013	.012	.007	.004	
10.0	.099	.058	.030	.086	.050	.026	.059	.035	.019	.035	.021	.011	.011	.007	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3±
Operators:LITPA
Test Date:09/10/2025

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 LEDÝL C19332_DALINE REFLEKTÖR

UGR(Unified Glare Rating) Table

Test:U:230.54V I:0.0865A P:18.755W PF:0.9409 Freq:50.01Hz Lamp Flux:1344.94x1 lm										
NAME: DFR			TYPE: LED			WEIGHT: 0,3kg				
SPEC.: 17W			DIM.: 10X84X20mm			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	9.0	10.0	9.2	10.1	10.3	12.1	13.0	12.3	13.2	13.4
3H	8.8	9.7	9.1	9.9	10.1	11.9	12.8	12.1	13.0	13.2
4H	8.7	9.6	9.0	9.8	10.0	11.8	12.6	12.1	12.9	13.1
6H	8.7	9.4	9.0	9.7	9.9	11.7	12.5	12.0	12.7	13.0
8H	8.6	9.4	8.9	9.6	9.9	11.7	12.4	12.0	12.7	12.9
12H	8.6	9.3	8.9	9.6	9.9	11.6	12.3	11.9	12.6	12.9
4H 2H	8.8	9.6	9.1	9.8	10.1	11.8	12.6	12.1	12.9	13.1
3H	8.6	9.3	8.9	9.6	9.9	11.6	12.3	11.9	12.6	12.9
4H	8.5	9.2	8.9	9.5	9.8	11.5	12.2	11.9	12.5	12.8
6H	8.4	9.0	8.8	9.3	9.7	11.4	12.0	11.8	12.3	12.7
8H	8.4	8.9	8.8	9.3	9.7	11.4	11.9	11.8	12.3	12.6
12H	8.4	8.9	8.8	9.2	9.6	11.3	11.8	11.7	12.2	12.6
8H 4H	8.4	8.9	8.8	9.2	9.6	11.4	11.9	11.8	12.3	12.6
6H	8.3	8.7	8.7	9.1	9.5	11.3	11.7	11.7	12.1	12.5
8H	8.2	8.6	8.7	9.0	9.5	11.2	11.6	11.7	12.0	12.5
12H	8.2	8.5	8.7	9.0	9.5	11.2	11.5	11.6	11.9	12.4
12H 4H	8.3	8.8	8.7	9.2	9.6	11.3	11.8	11.7	12.2	12.6
6H	8.2	8.6	8.7	9.0	9.5	11.2	11.6	11.7	12.0	12.5
8H	8.2	8.5	8.7	9.0	9.4	11.2	11.5	11.6	11.9	12.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.0 / - 1.7					+ 2.8 / - 9.3				
1.5H	+ 2.9 / - 6.7					+ 4.1 / - 6.2				
2.0H	+ 4.9 / -11.9					+ 5.0 / -13.4				

CIE Pub.117, 1345 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.0$)
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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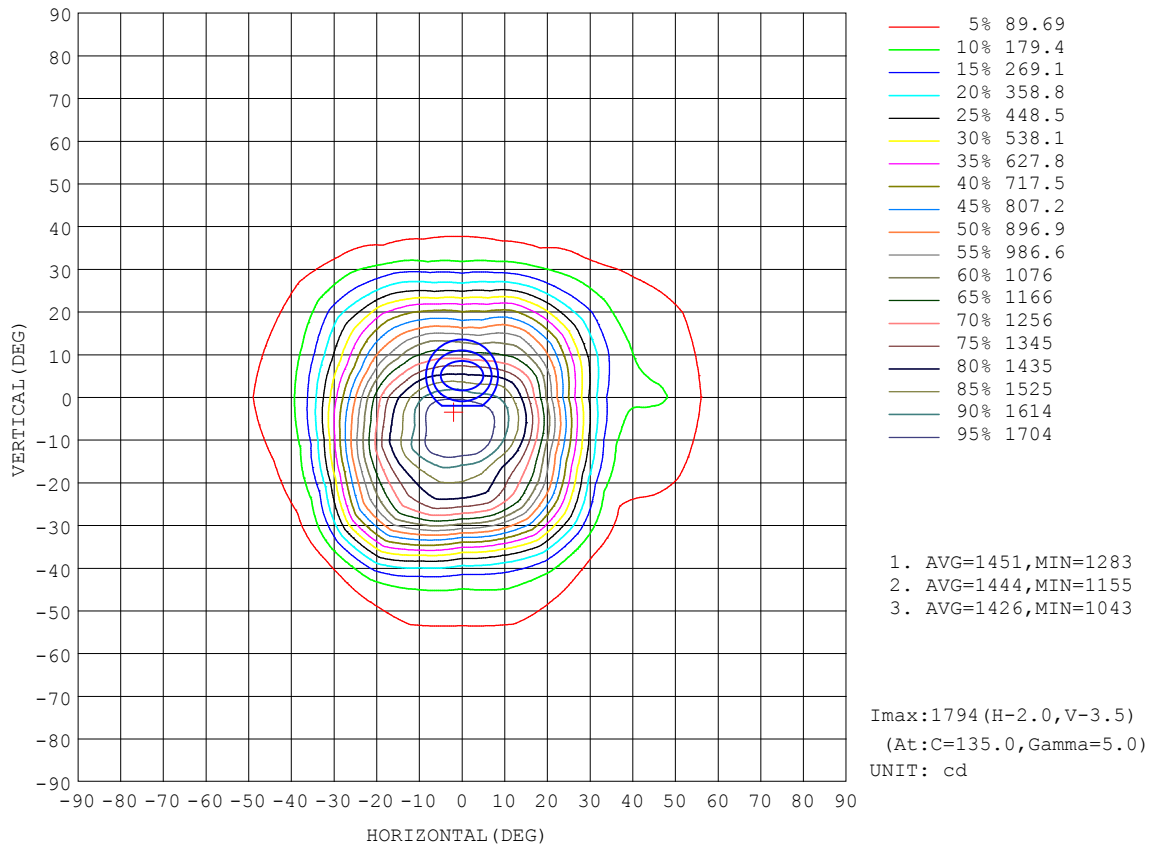
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	84	77	73	83	77	73	69
0.80	92	86	82	92	86	82	90	85	81	77
1.00	97	91	88	97	91	87	95	91	87	83
1.25	102	96	93	101	96	92	99	94	91	87
1.50	105	100	96	103	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	110	106	102	108	104	101	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	107	105	104	97
5.00	115	112	110	112	110	108	108	107	105	98
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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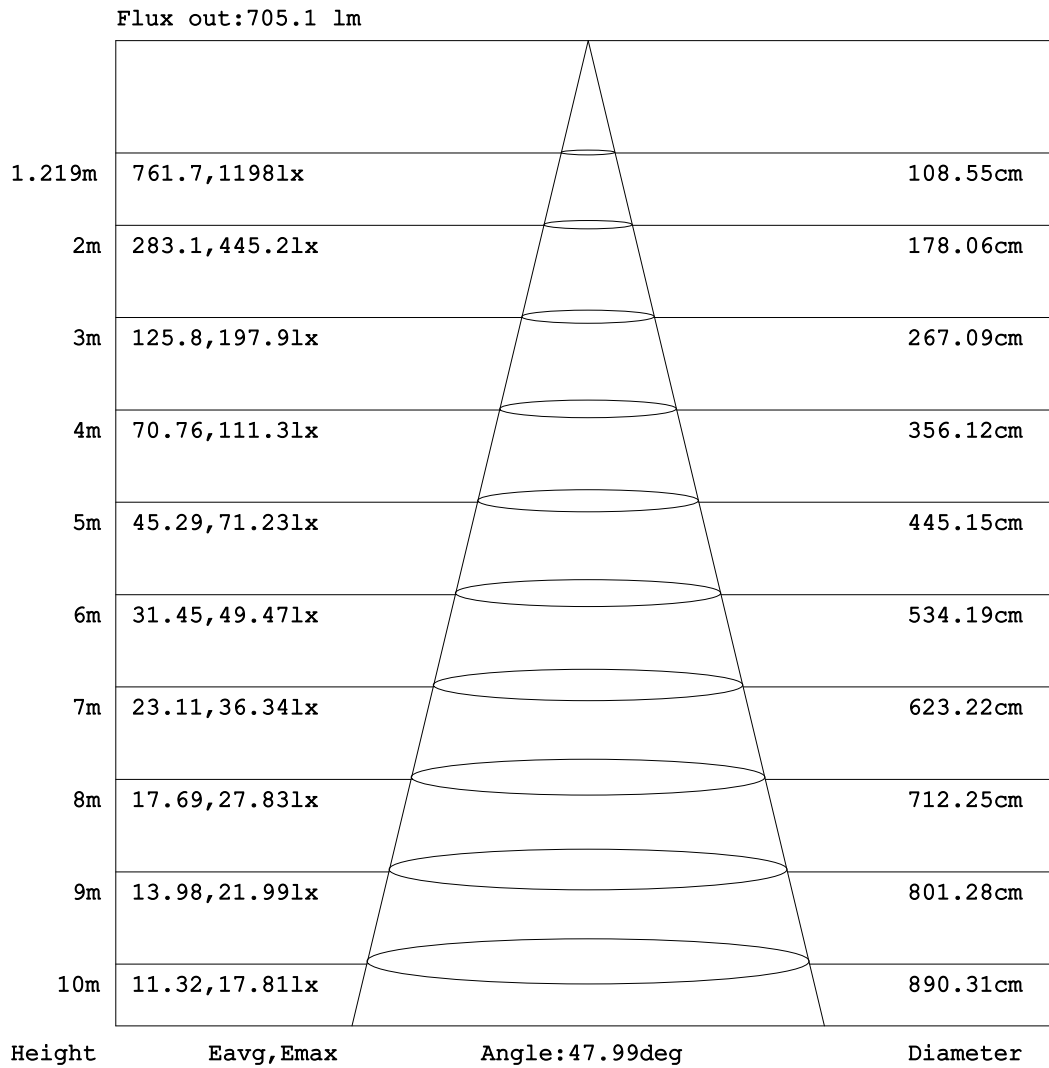


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AAI Figure

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SPEC.: 17W	DIM.: 10X84X20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



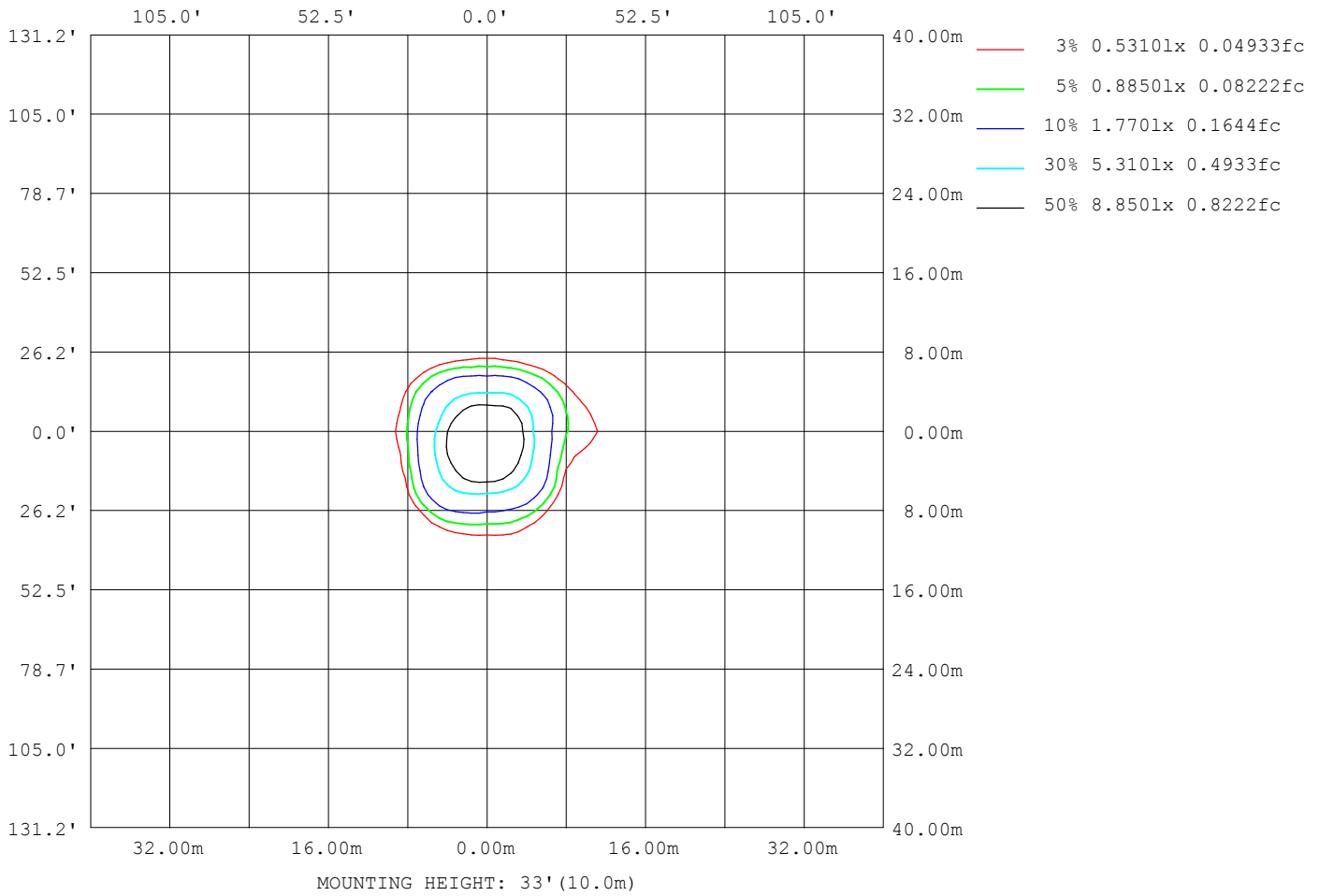
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3;æ
Operators: LITPA
Test Date: 09/10/2025

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 LEDÝL C19332_DALINE REFLEKTÖR

ISOLUX DIAGRAM

Test:U:230.54V I:0.0865A P:18.755W PF:0.9409 Freq:50.01Hz Lamp Flux:1344.94x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,3kg
SPEC.: 17W	DIM.: 10X84X20mm	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:09/10/2025

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 LEDÝL C19332_DALINE REFLEKTÖR

LED Avg.L Report

Test:U:230.54V I:0.0865A P:18.755W PF:0.9409 Freq:50.01Hz Lamp Flux:1344.94x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,3kg
SPEC.: 17W	DIM.: 10X84X20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

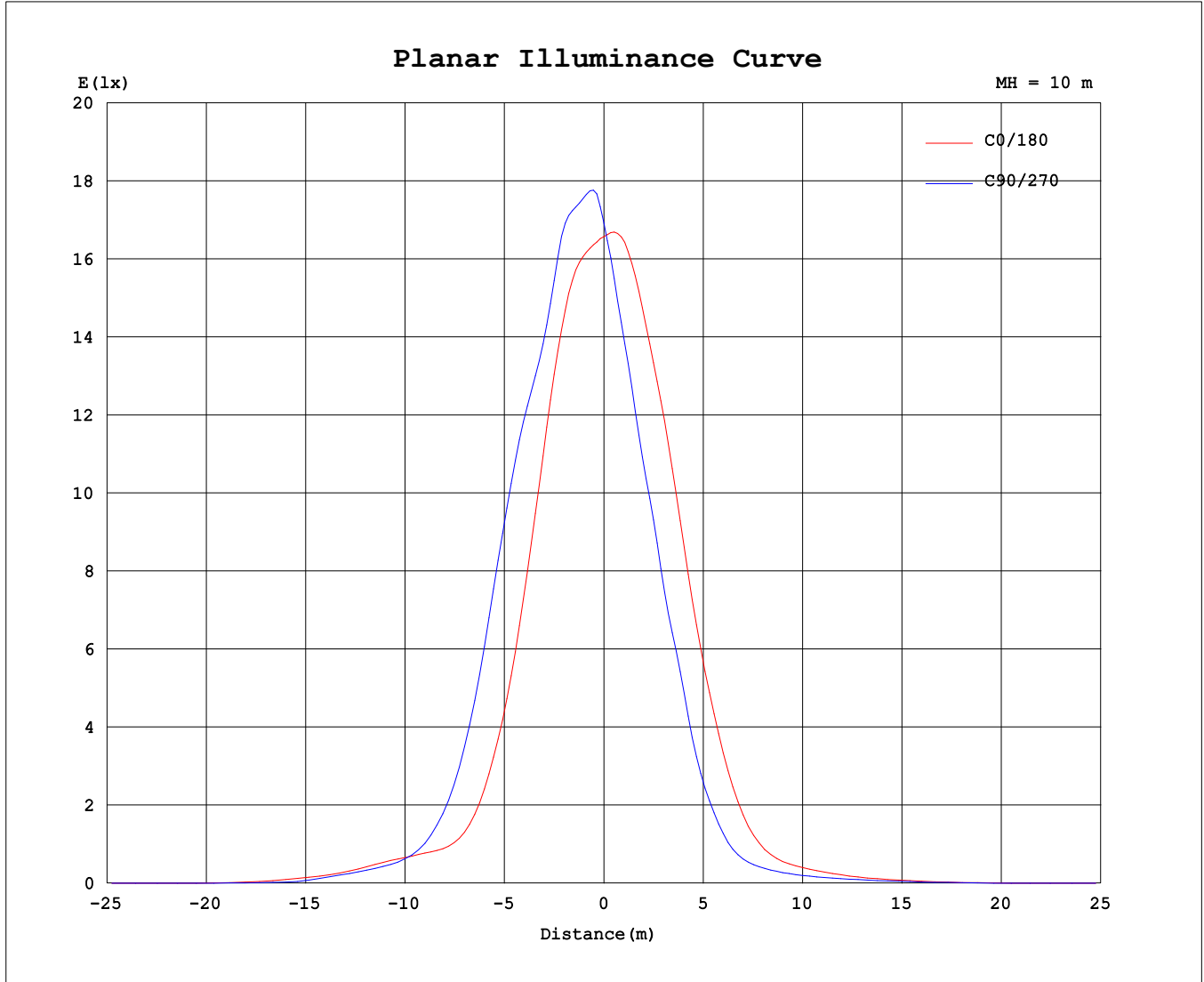
AvgL	cd/m2
L_0~180 (65) av	134
L_0~180 (75) av	154
L_0~180 (85) av	291
L_90~270 (65) av	57
L_90~270 (75) av	27
L_90~270 (85) av	20
L_45 (65) av	100
L_45 (75) av	21
L_45 (85) av	20

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:09/10/2025

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 LEDÝL C19332_DALINE REFLEKTÖR

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3;æ
Operators: LITPA
Test Date: 09/10/2025

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 LEDÝL C19332_DALINE REFLEKTÖR

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.54V I:0.0865A P:18.755W PF:0.9409 Freq:50.01Hz Lamp Flux:1344.94x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,3kg
SPEC.: 17W	DIM.: 10X84X20mm	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	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677	1677
5	1656	1704	1737	1757	1765	1776	1771	1781	1783	1793	1777	1743	1696	1639	1581	1526	1483	1453	1441
10	1602	1657	1682	1711	1740	1772	1777	1786	1762	1738	1704	1665	1607	1509	1412	1324	1263	1216	1192
15	1391	1475	1532	1570	1597	1636	1635	1682	1691	1665	1556	1507	1444	1309	1198	1125	1072	1005	960
20	1065	1174	1262	1340	1390	1488	1508	1531	1501	1487	1430	1292	1216	1077	974	913	827	762	711
25	722	835	929	1125	1256	1362	1365	1419	1365	1281	1174	1010	901	786	755	707	597	472	433
30	437	505	627	862	1019	1051	1039	1149	1194	1056	871	701	597	528	525	456	367	269	232
35	242	253	349	568	692	656	632	761	887	811	528	364	323	303	326	263	185	123	113
40	190	147	159	306	377	348	329	408	550	483	243	166	166	161	176	139	84.2	75.8	75.3
45	189	134	78.0	123	177	193	176	201	253	202	105	97.3	116	102	95.6	59.7	51.7	55.2	57.1
50	164	113	48.9	47.8	94.0	130	127	129	106	56.6	46.5	66.5	83.9	66.7	47.9	31.8	35.9	42.8	45.0
55	101	77.0	27.4	25.1	49.2	76.8	65.4	78.7	48.9	23.1	22.7	43.0	53.3	39.1	21.6	20.3	24.8	30.8	32.9
60	40.8	36.6	13.4	13.3	13.4	14.0	13.4	14.3	13.2	11.6	11.2	20.4	24.3	20.1	12.2	11.5	13.7	18.0	17.8
65	4.07	5.30	4.14	4.21	3.77	2.76	1.88	2.82	3.69	3.66	3.48	6.14	7.27	5.33	4.77	4.26	4.45	3.24	2.91
70	2.95	1.59	1.02	0.77	0.77	0.81	0.84	0.81	0.77	0.79	1.22	2.13	6.45	2.32	1.41	1.05	1.21	1.47	1.55
75	2.61	1.04	0.60	0.45	0.47	0.49	0.52	0.48	0.48	0.45	0.68	1.52	5.39	1.76	0.72	0.60	0.69	0.85	0.88
80	3.29	0.69	0.38	0.27	0.29	0.28	0.31	0.28	0.29	0.26	0.37	0.86	3.98	0.93	0.36	0.35	0.36	0.45	0.45
85	3.01	0.42	0.23	0.15	0.17	0.13	0.17	0.13	0.17	0.13	0.18	0.24	2.06	0.32	0.16	0.19	0.16	0.19	0.17
90	1.99	0.13	0.14	0.10	0.11	0.10	0.11	0.10	0.10	0.09	0.09	0.08	0.91	0.11	0.07	0.10	0.10	0.11	0.12
95	0.19	0.09	0.13	0.10	0.10	0.11	0.10	0.10	0.10	0.09	0.07	0.08	0.09	0.08	0.07	0.10	0.10	0.11	0.12
100	0.09	0.09	0.12	0.10	0.10	0.11	0.10	0.11	0.10	0.10	0.07	0.11	0.11	0.08	0.09	0.09	0.12	0.11	0.13
105	0.09	0.10	0.11	0.11	0.10	0.12	0.10	0.12	0.10	0.11	0.08	0.13	0.14	0.09	0.12	0.09	0.14	0.12	0.17
110	0.12	0.14	0.11	0.13	0.10	0.13	0.11	0.13	0.10	0.12	0.11	0.16	0.18	0.13	0.16	0.13	0.19	0.18	0.22
115	0.17	0.18	0.12	0.16	0.12	0.16	0.12	0.16	0.12	0.16	0.15	0.22	0.25	0.20	0.22	0.21	0.28	0.27	0.31
120	0.24	0.26	0.20	0.21	0.16	0.19	0.15	0.19	0.17	0.22	0.24	0.31	0.34	0.29	0.33	0.35	0.42	0.42	0.47
125	0.39	0.38	0.30	0.30	0.24	0.25	0.20	0.25	0.24	0.31	0.33	0.42	0.47	0.45	0.50	0.54	0.64	0.67	0.71
130	0.60	0.55	0.47	0.44	0.36	0.35	0.32	0.36	0.36	0.45	0.47	0.57	0.66	0.66	0.74	0.81	0.93	0.98	1.05
135	0.90	0.79	0.69	0.63	0.54	0.53	0.48	0.52	0.54	0.64	0.68	0.81	0.93	0.94	1.05	1.15	1.29	1.36	1.44
140	1.29	1.13	0.99	0.89	0.79	0.77	0.72	0.76	0.80	0.90	0.94	1.07	1.23	1.30	1.44	1.54	1.71	1.80	1.86
145	1.65	1.50	1.33	1.21	1.10	1.07	1.05	1.08	1.11	1.21	1.28	1.39	1.60	1.75	1.84	1.95	2.12	2.24	2.31
150	2.07	1.89	1.70	1.57	1.47	1.44	1.42	1.45	1.48	1.54	1.61	1.78	2.04	2.14	2.24	2.35	2.55	2.64	2.71
155	2.49	2.28	2.18	1.98	1.88	1.84	1.82	1.82	1.91	1.90	1.98	2.13	2.43	2.55	2.64	2.85	2.89	3.03	3.06
160	2.89	2.69	2.58	2.44	2.32	2.26	2.28	2.24	2.28	2.30	2.38	2.55	2.82	2.91	3.02	3.23	3.22	3.36	3.39
165	3.28	3.08	2.98	2.85	2.75	2.72	2.68	2.64	2.72	2.71	2.81	2.87	3.17	3.24	3.33	3.53	3.58	3.66	3.75
170	3.67	3.43	3.34	3.35	3.14	3.12	3.10	3.06	3.19	3.20	3.13	3.17	3.44	3.55	3.63	3.81	3.75	3.82	3.94
175	3.81	3.75	3.64	3.72	3.52	3.47	3.50	3.44	3.45	3.59	3.52	3.47	3.70	3.74	3.84	3.81	3.79	3.85	3.84
180	3.85	3.84	3.80	3.78	3.74	3.74	3.73	3.74	3.70	3.71	3.68	3.68	3.85	3.85	3.80	3.78	3.74	3.74	3.73

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:09/10/2025

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 LEDÝL C19332_DALINE REFLEKTÖR

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.54V I:0.0865A P:18.755W PF:0.9409 Freq:50.01Hz Lamp Flux:1344.94x1 lm		
NAME: DFR	TYPE: LED	WEIGHT: 0,3kg
SPEC.: 17W	DIM.: 10X84X20mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	1677	1677	1677	1677	1677													
5	1447	1467	1504	1553	1608													
10	1195	1241	1328	1420	1525													
15	980	1063	1127	1219	1323													
20	746	867	965	996	1058													
25	480	618	698	764	759													
30	269	343	426	497	490													
35	123	166	228	295	291													
40	71.7	77.8	130	173	189													
45	52.5	48.1	56.6	112	157													
50	40.4	34.2	31.5	64.3	130													
55	29.6	23.7	21.1	27.1	84.0													
60	16.7	13.3	12.2	13.8	39.2													
65	3.21	4.52	4.74	5.16	6.03													
70	1.41	1.20	1.11	1.23	1.60													
75	0.84	0.69	0.63	0.66	1.04													
80	0.45	0.38	0.39	0.36	0.67													
85	0.21	0.19	0.24	0.19	0.38													
90	0.13	0.16	0.17	0.11	0.18													
95	0.13	0.19	0.18	0.11	0.12													
100	0.13	0.23	0.16	0.11	0.10													
105	0.14	0.23	0.16	0.13	0.10													
110	0.20	0.26	0.18	0.17	0.13													
115	0.29	0.35	0.27	0.26	0.19													
120	0.47	0.51	0.43	0.39	0.31													
125	0.73	0.74	0.67	0.61	0.48													
130	1.06	1.06	0.97	0.88	0.72													
135	1.45	1.41	1.34	1.21	1.05													
140	1.87	1.81	1.73	1.59	1.42													
145	2.30	2.20	2.10	1.96	1.80													
150	2.73	2.57	2.47	2.34	2.17													
155	3.11	2.94	2.91	2.68	2.52													
160	3.43	3.36	3.21	3.03	2.90													
165	3.71	3.58	3.49	3.35	3.19													
170	3.86	3.83	3.71	3.57	3.50													
175	3.85	3.94	3.78	3.71	3.66													
180	3.74	3.71	3.71	3.69	3.67													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:09/10/2025

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 LEDÝL C19332_DALINE REFLEKTÖR