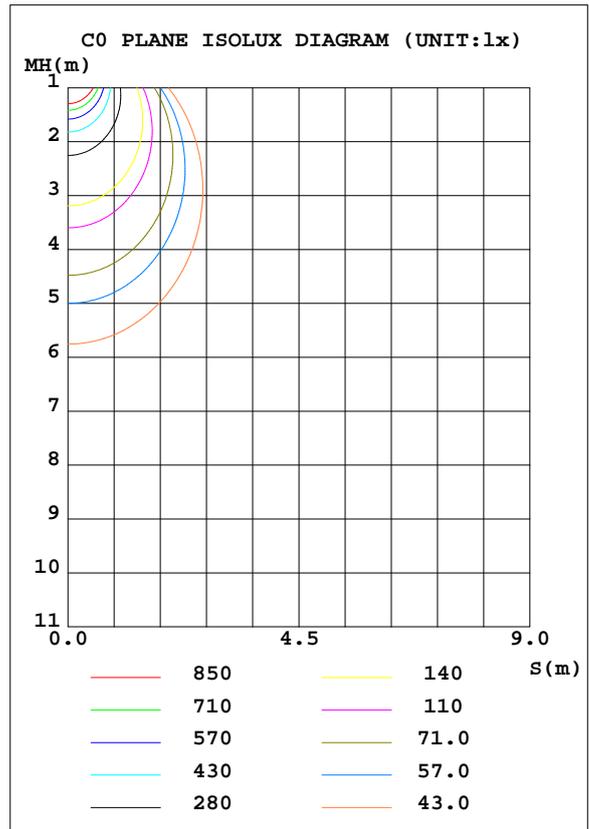
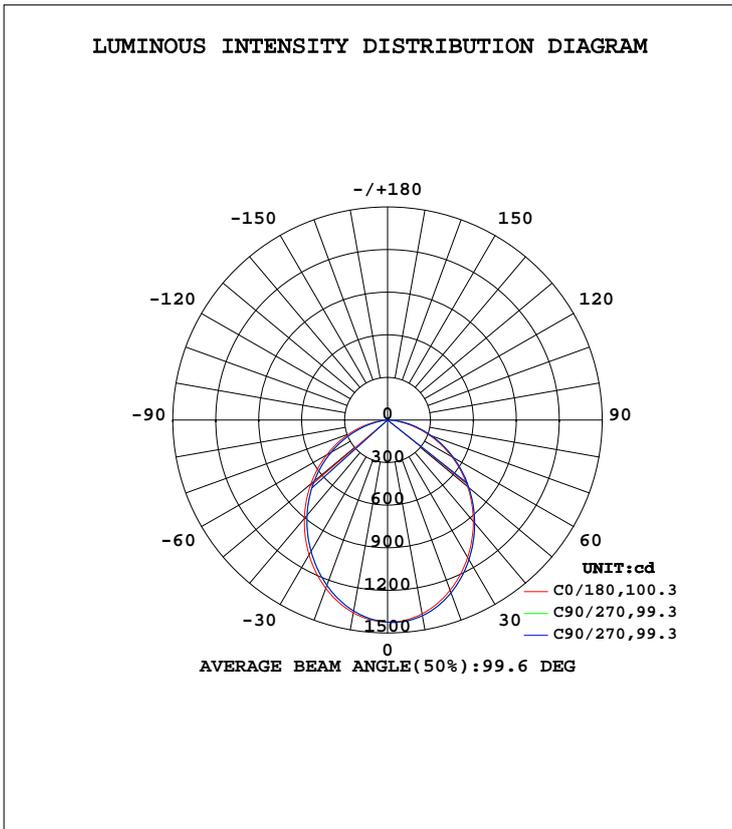


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.31 lm/W			
MODEL	DFL50W-B-CC 30W	I <sub>max</sub> (cd)	1426	S/MH(C0/180)	1.16
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.13
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3540.5	η UP, DN(C0-180)	0.5, 51.4
NOMINAL FLUX(lm)	3540.54	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6, 47.5
LAMPS INSIDE	1	η up(%)	1.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	98.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-1-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C90	C180	C270				γ	Φ zone	Φ total	%lum, lamp
10	1386	1399	1379	1366				0- 10	133.9	133.9	3.78,3.78
20	1277	1295	1262	1239				10- 20	375.4	509.3	14.4,14.4
30	1119	1137	1097	1069				20- 30	548.4	1058	29.9,29.9
40	932.0	946.6	904.5	875.2				30- 40	633.0	1691	47.8,47.8
50	729.9	741.6	699.3	668.6				40- 50	627.3	2318	65.5,65.5
60	519.5	532.1	490.3	456.7				50- 60	541.0	2859	80.8,80.8
70	307.9	326.6	284.9	248.3				60- 70	391.2	3250	91.8,91.8
80	110.8	140.2	101.2	66.15				70- 80	206.0	3456	97.6,97.6
90	1.538	9.789	1.543	1.666				80- 90	44.94	3501	98.9,98.9
100	2.618	2.385	2.695	2.847				90-100	2.431	3504	99,99
110	4.089	3.810	4.198	4.335				100-110	3.540	3507	99.1,99.1
120	5.750	5.467	5.840	5.986				110-120	4.886	3512	99.2,99.2
130	7.493	7.193	7.553	7.711				120-130	5.924	3518	99.4,99.4
140	9.128	8.884	9.206	9.313				130-140	6.421	3524	99.5,99.5
150	10.66	10.53	10.69	10.81				140-150	6.212	3531	99.7,99.7
160	11.87	11.85	11.89	12.00				150-160	5.219	3536	99.9,99.9
170	12.87	12.83	12.80	12.85				160-170	3.504	3539	100,100
180	13.28	13.23	13.27	13.23				170-180	1.243	3541	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

Conical surface Flux(90deg): 2010.5 lm

%lum = 56.8%  
%lamp = 56.8%

Conical surface Flux(120deg): 2859 lm

%lum = 80.8%  
%lamp = 80.8%

0 - 45 DEG Zonal Flux:2010.5      %lum: 56.8%  
0 - 60 DEG Zonal Flux:2859      %lum: 80.8%

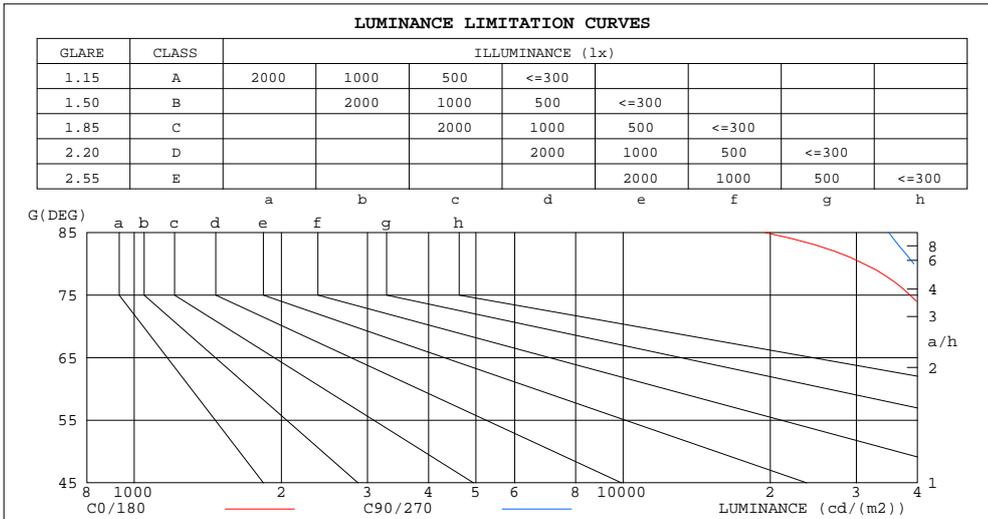
All measured values may vary less than 35 %  
from the average measured value in the 0 to 130 deg. zone: 13.5%  
All measured values in the 0 to 130 deg. zone  
may vary less than 50% from the average value of itself: 19.5%

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-1-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	19504	34928
80	31079	39322
75	38656	43323
70	43845	46509
65	47653	49439
60	50606	51831
55	53144	54128
50	55308	56193
45	57317	58234

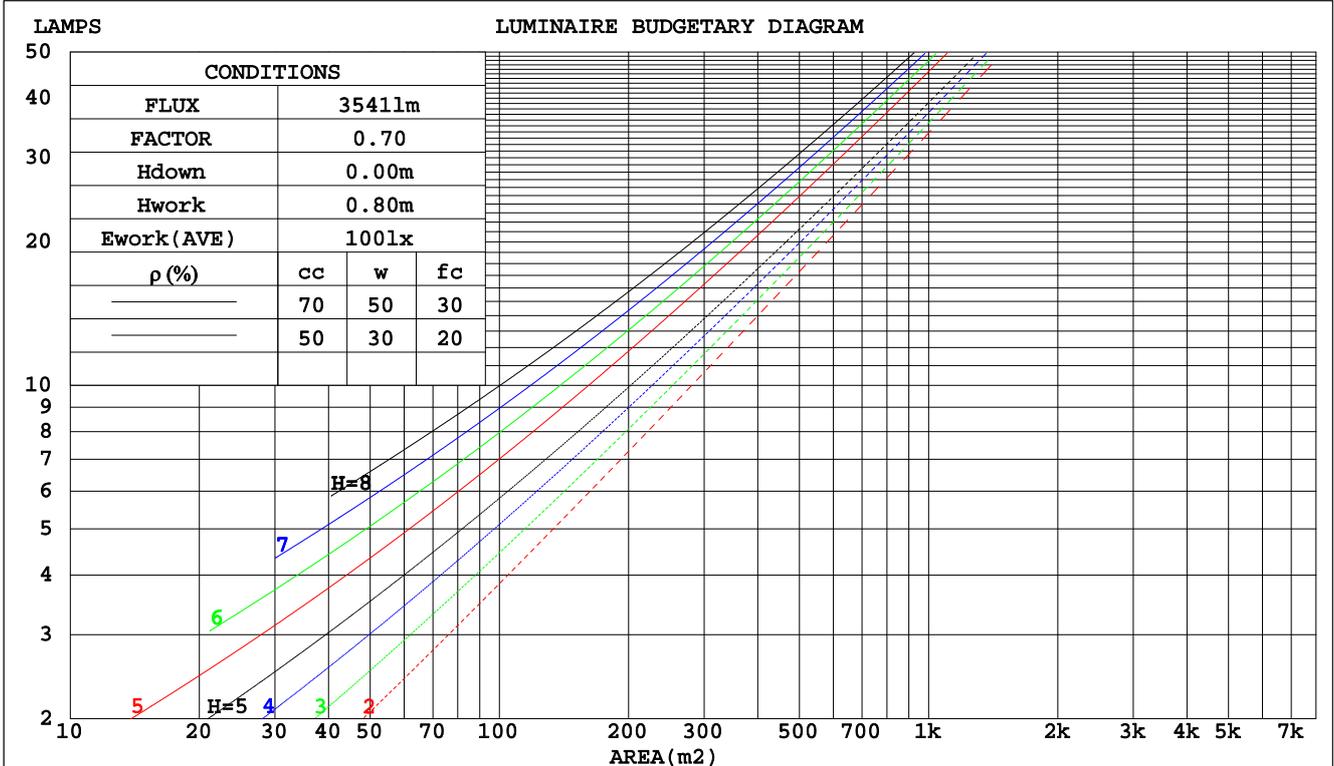
C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-1-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	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	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.05	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.78	.75	.79	.76	.73	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.63	.71	.66	.62	.60
4.0	.72	.63	.57	.71	.63	.56	.68	.61	.56	.65	.59	.55	.63	.58	.54	.52
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.47	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.43	.36	.31	.41	.35	.30	.40	.35	.30	.28
10.0	.41	.33	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-1-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.292	.166	.053	.285	.162	.052	.271	.155	.050	.258	.149	.048	.247	.143	.046	
2.0	.278	.152	.047	.271	.149	.046	.259	.144	.045	.248	.139	.044	.238	.134	.042	
3.0	.259	.138	.041	.253	.135	.041	.242	.131	.040	.232	.127	.039	.223	.124	.038	
4.0	.240	.125	.037	.235	.123	.036	.225	.120	.036	.216	.116	.035	.208	.113	.034	
5.0	.223	.113	.033	.218	.112	.033	.210	.109	.032	.202	.106	.032	.194	.104	.031	
6.0	.207	.104	.030	.203	.103	.030	.196	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.193	.096	.027	.190	.095	.027	.183	.092	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.178	.088	.025	.172	.086	.024	.166	.084	.024	.161	.082	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.156	.078	.022	.151	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.152	.075	.021	.148	.073	.021	.143	.072	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.188	.165	.144	.161	.141	.124	.110	.097	.086	.063	.056	.050	.020	.018	.016	
2.0	.179	.141	.108	.153	.121	.094	.105	.084	.065	.061	.049	.038	.019	.016	.012	
3.0	.171	.123	.085	.147	.106	.073	.101	.074	.051	.058	.043	.030	.019	.014	.010	
4.0	.163	.109	.068	.140	.095	.059	.096	.066	.042	.056	.039	.025	.018	.013	.008	
5.0	.156	.099	.057	.134	.086	.050	.092	.060	.035	.053	.035	.021	.017	.011	.007	
6.0	.149	.091	.049	.128	.078	.043	.088	.055	.030	.051	.032	.018	.017	.011	.006	
7.0	.142	.084	.043	.122	.073	.037	.084	.051	.026	.049	.030	.016	.016	.010	.005	
8.0	.136	.078	.038	.117	.068	.033	.081	.047	.024	.047	.028	.014	.015	.009	.005	
9.0	.130	.073	.034	.112	.063	.030	.077	.044	.021	.045	.026	.013	.015	.009	.004	
10.0	.124	.069	.032	.107	.060	.028	.074	.042	.020	.043	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-1-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm										
NAME: DFL50W-B-CC 30W 3000K					TYPE: 30W			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: UP-IES4-R&D		
MFR.:					SUR.: 0.020532			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	26.6	28.1	26.9	28.3	28.5	26.7	28.2	27.0	28.4	28.6
3H	28.0	29.3	28.3	29.6	29.8	28.1	29.5	28.4	29.7	30.0
4H	28.5	29.8	28.8	30.0	30.3	28.7	30.0	29.0	30.3	30.5
6H	28.8	30.0	29.1	30.3	30.6	29.1	30.3	29.5	30.6	30.9
8H	28.9	30.0	29.2	30.3	30.6	29.3	30.4	29.6	30.7	31.0
12H	28.9	30.0	29.2	30.3	30.6	29.3	30.5	29.7	30.8	31.1
4H 2H	27.2	28.5	27.5	28.7	29.0	27.3	28.5	27.6	28.8	29.1
3H	28.7	29.9	29.1	30.2	30.5	28.9	30.0	29.2	30.3	30.6
4H	29.4	30.4	29.8	30.7	31.1	29.6	30.6	30.0	30.9	31.3
6H	29.8	30.7	30.2	31.1	31.4	30.1	31.0	30.5	31.4	31.8
8H	29.9	30.7	30.3	31.1	31.5	30.3	31.1	30.7	31.5	31.9
12H	29.9	30.7	30.4	31.1	31.5	30.4	31.2	30.9	31.6	32.0
8H 4H	29.6	30.4	30.0	30.8	31.2	29.8	30.6	30.2	31.0	31.4
6H	30.2	30.8	30.6	31.3	31.7	30.5	31.2	30.9	31.6	32.0
8H	30.3	30.9	30.8	31.4	31.9	30.7	31.3	31.2	31.8	32.3
12H	30.4	30.9	30.9	31.4	31.9	30.9	31.5	31.4	31.9	32.4
12H 4H	29.6	30.4	30.1	30.8	31.2	29.8	30.6	30.2	31.0	31.4
6H	30.2	30.8	30.7	31.3	31.7	30.5	31.1	31.0	31.6	32.0
8H	30.4	30.9	30.9	31.4	31.9	30.8	31.3	31.3	31.8	32.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				

CIE Pub.117, 3541 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.4)  
Area: 0.020532 m2

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-1-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:

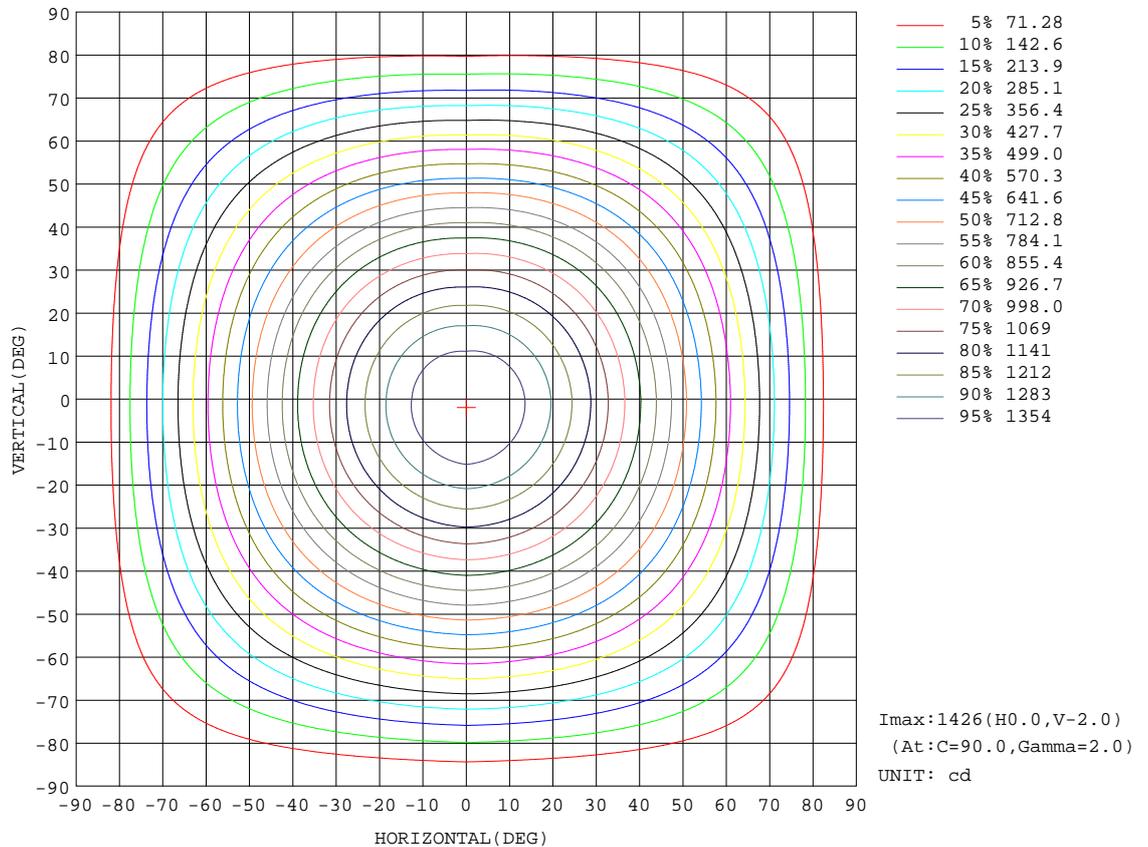
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	69	58	51	68	58	51	66	57	50	44
1.00	78	67	60	76	66	60	74	67	59	52
1.25	85	75	68	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	96	88	82	94	87	81	91	84	79	71
2.50	100	92	87	98	91	86	94	88	84	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	96	100	96	93	84
5.00	109	105	101	107	102	99	102	99	96	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-1-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:



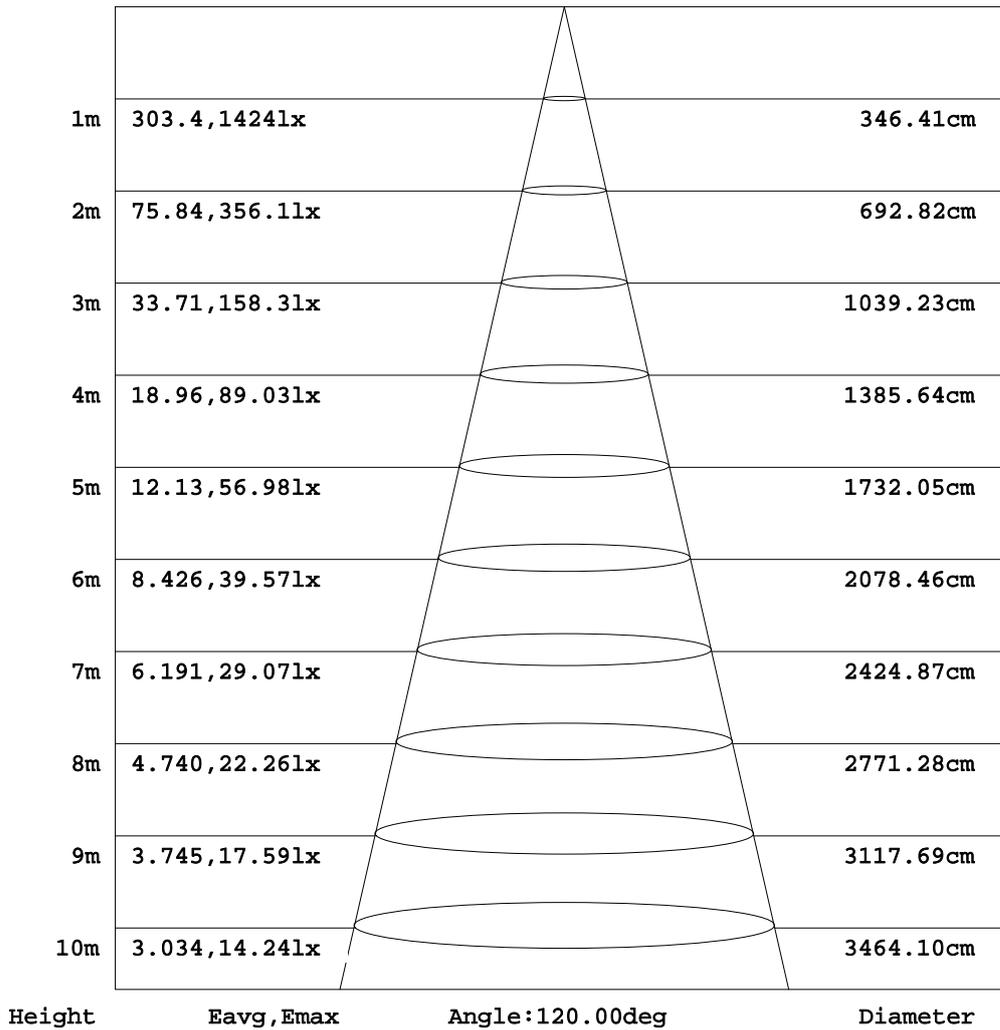
C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-1-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:

Flux out:2859 lm



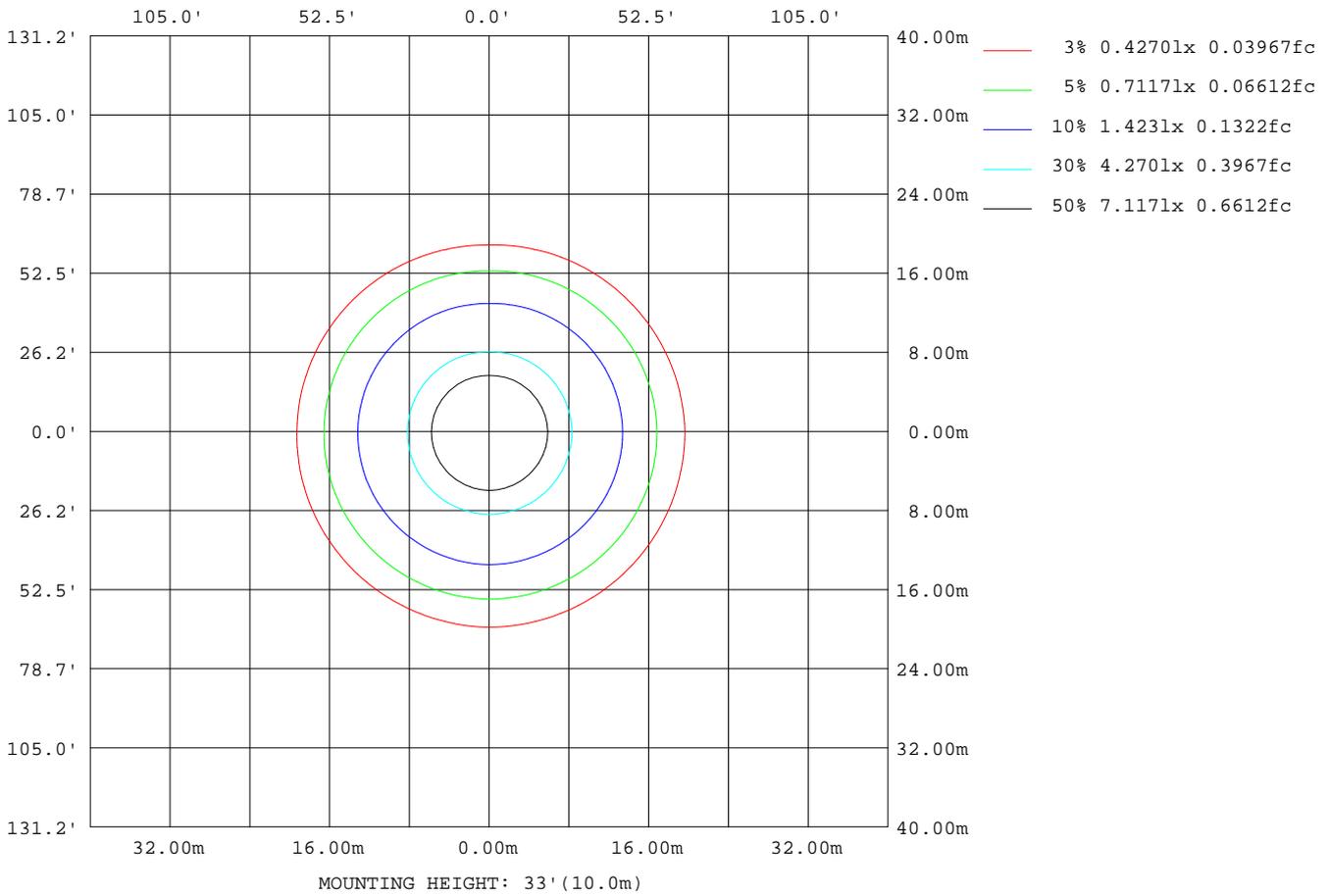
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2025-1-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 8.690m [K=1.0000]  
Remarks:

ISOLUX DIAGRAM

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-1-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:

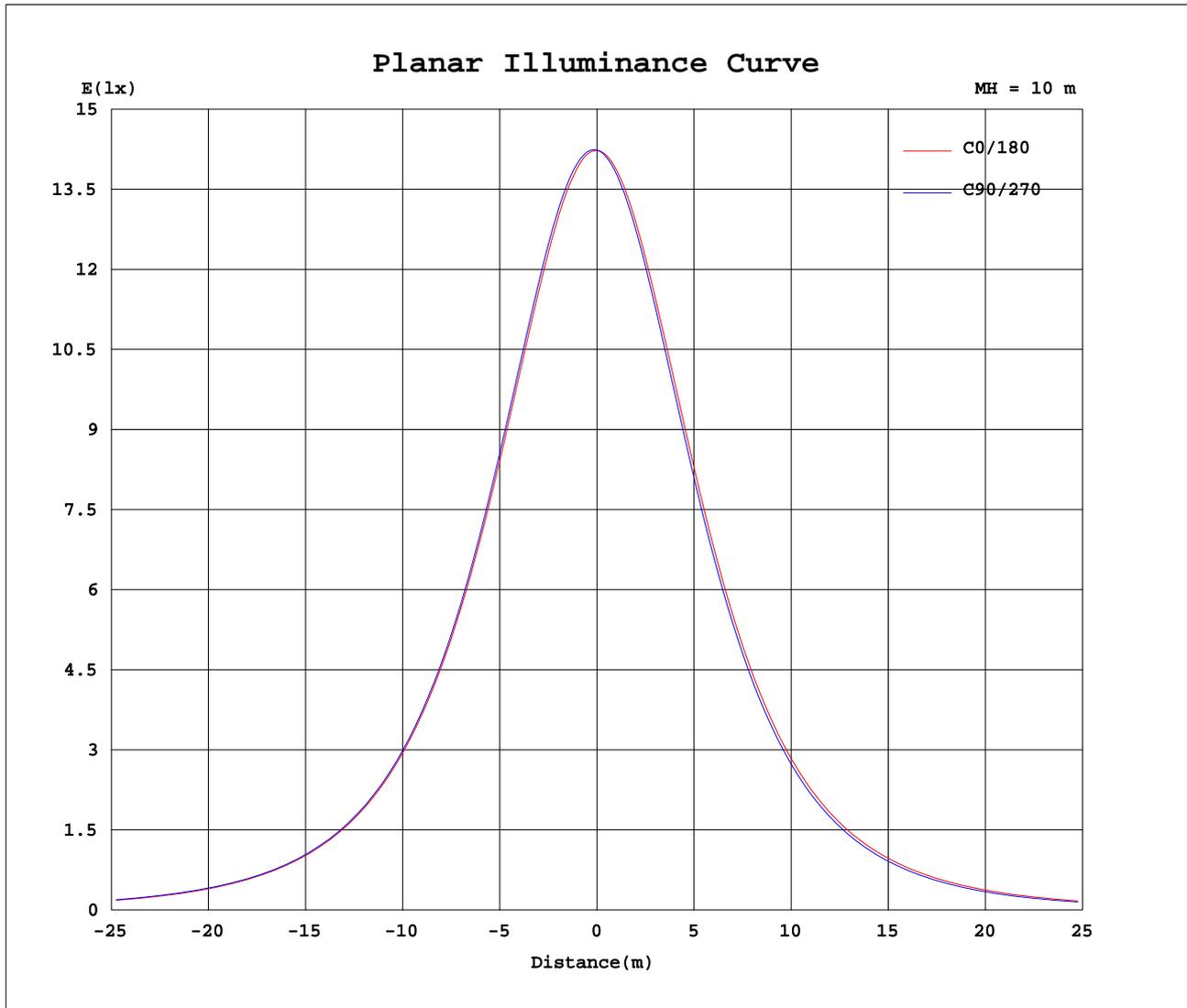
AvgL	cd/m2
L_0~180(65)av	46156
L_0~180(75)av	37102
L_0~180(85)av	18542
L_90~270(65)av	44973
L_90~270(75)av	35906
L_90~270(85)av	20066
L_45(65)av	45323
L_45(75)av	36258
L_45(85)av	19435

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-1-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2025-1-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity: 65.0%  
 Test Distance: 8.690m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.28V I:0.1371A P:30.973W PF:0.9811 Freq:49.99Hz UTHDi:0.25% ITHDi:18.78% KDisp:0.9981 Lamp Flux:3540.54x1 lm		
NAME: DFL50W-B-CC 30W 3000K	TYPE: 30W	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: UP-IES4-R&D
MFR.:	SUR.: 0.020532	Shielding Angle:

Table--1

UNIT: cd

C(DEG)\ γ (DEG)	0	90	180	270															
0	1423	1423	1423	1423															
5	1415	1422	1411	1404															
10	1386	1399	1379	1366															
15	1339	1357	1328	1309															
20	1277	1295	1262	1239															
25	1202	1221	1184	1158															
30	1119	1137	1097	1069															
35	1028	1044	1003	975															
40	932	947	905	875															
45	832	845	803	773															
50	730	742	699	669															
55	626	637	595	563															
60	520	532	490	457															
65	413	429	388	351															
70	308	327	285	248															
75	205	230	189	151															
80	111	140	101	66.1															
85	34.9	62.5	31.5	9.31															
90	1.54	9.79	1.54	1.67															
95	2.02	1.81	2.07	2.18															
100	2.62	2.39	2.69	2.85															
105	3.32	3.07	3.43	3.56															
110	4.09	3.81	4.20	4.33															
115	4.92	4.65	5.01	5.15															
120	5.75	5.47	5.84	5.99															
125	6.62	6.31	6.70	6.83															
130	7.49	7.19	7.55	7.71															
135	8.33	8.04	8.39	8.51															
140	9.13	8.88	9.21	9.31															
145	9.92	9.73	9.95	10.1															
150	10.7	10.5	10.7	10.8															
155	11.3	11.2	11.3	11.5															
160	11.9	11.9	11.9	12.0															
165	12.4	12.4	12.4	12.5															
170	12.9	12.8	12.8	12.8															
175	13.2	13.1	13.1	13.1															
180	13.3	13.2	13.3	13.2															

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-1-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks: