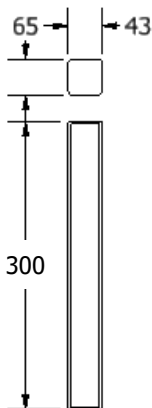




**Dimensiones (mm)**

**Largo:** 300; **Ancho:** 43  
**Alto:** 65.



**Código**

**FXFDL30-15W**

**Descripción**

Luminaria tipo bañadora, diseñada con módulos de LED. Para anclar en piso, poste o muro por medio del sujetador ubicado en la parte trasera. Difusor en vidrio templado.




**Materiales y acabado**

Cuerpo y disipador en aluminio inyectado. Sujetador fabricado en lámina de hierro. Todas las piezas con acabado en pintura poliéster electrostática en polvo.

**Color**

Gris.

**Características técnicas**

<b>LED</b>	 50°	 30,000h	<b>IP</b> 65	<b>IK</b> 08
<b>PF</b> 0,99	<b>THD</b> <10%	<b>°C</b> -20-45	<b>V</b> 120-220	

**Fuente de luz**

Módulos de LED.

Potencia de Salida	CRI	K	Lm / W	Lm de Salida
14,5W	>70	3000	96	1384

**Características de fuente de luz**

- Color temperatura disponible 3000K (cálido).

Light efficiency:



Light quality:



Color temperature:



Output: 1384 lm

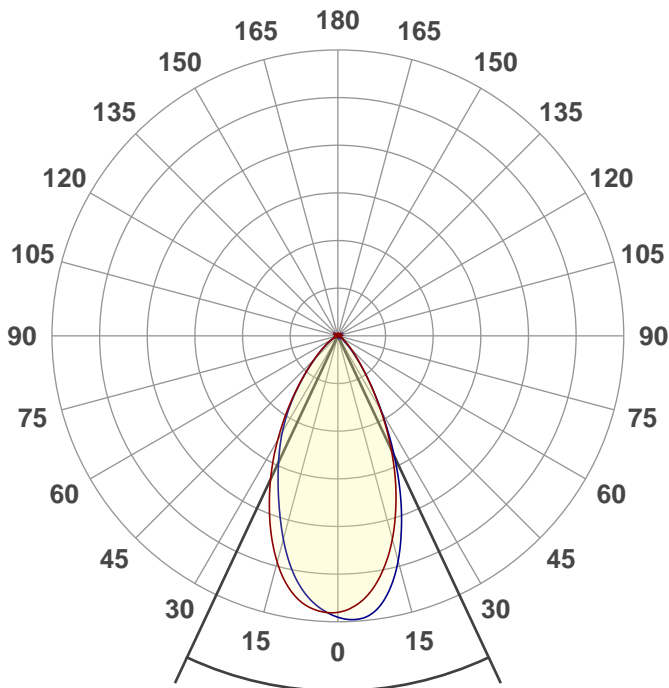
Peak: 1733 cd

Power: 14,5 W

PF: 0,99



Product name:  
E0179-FXFD30-15W-3K



Beam angle  
**50,3°**



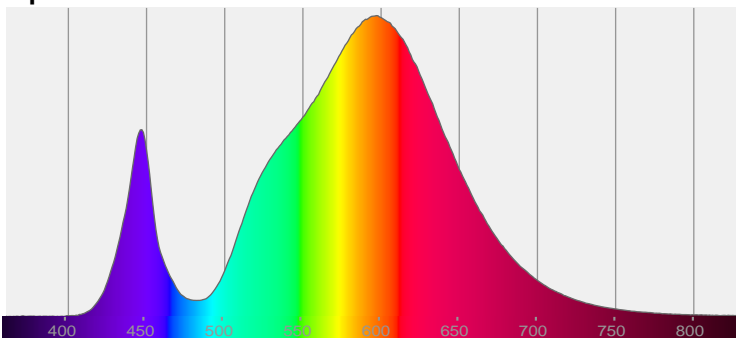
CIE 1931  
x: 0,437  
y: 0,405

THD Values:

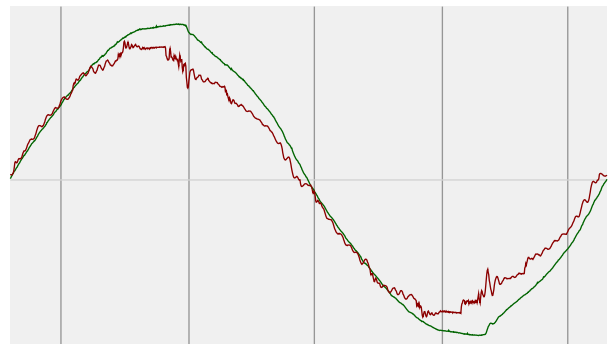
Voltage: 2,5%

Current: 5,96%

Spectra

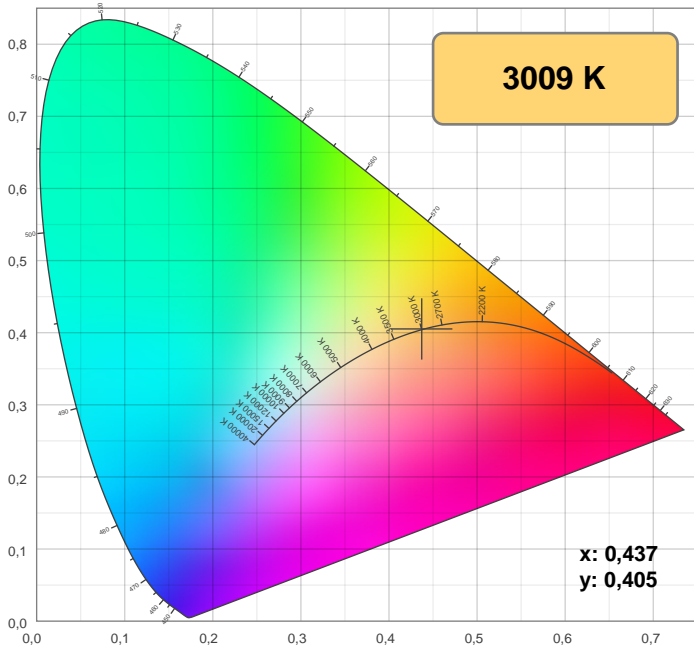


Power



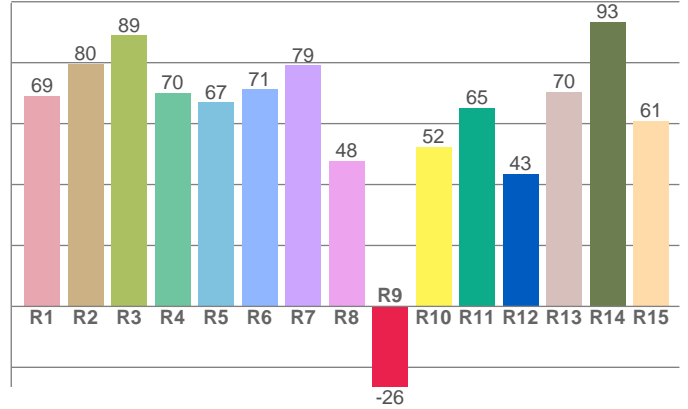
Voltage: 113 V  
Current: 0,129 A  
Frequency: 60 Hz

## Color details



CIE 1931

CRI: 71,6 (R1-R8)

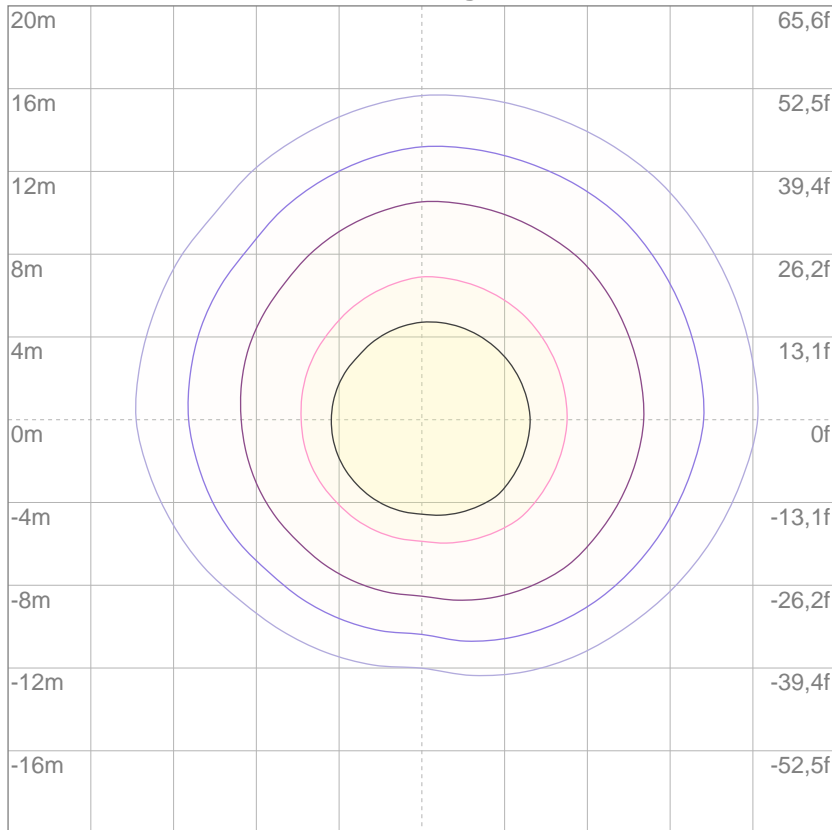


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
68,9	79,6	88,9	70,1	66,9	71,2	79,1	47,7	-26,5	52,3	65,2	43,5	70,5	93,3	61,0

## ISO Diagrams

ISO lux diagram



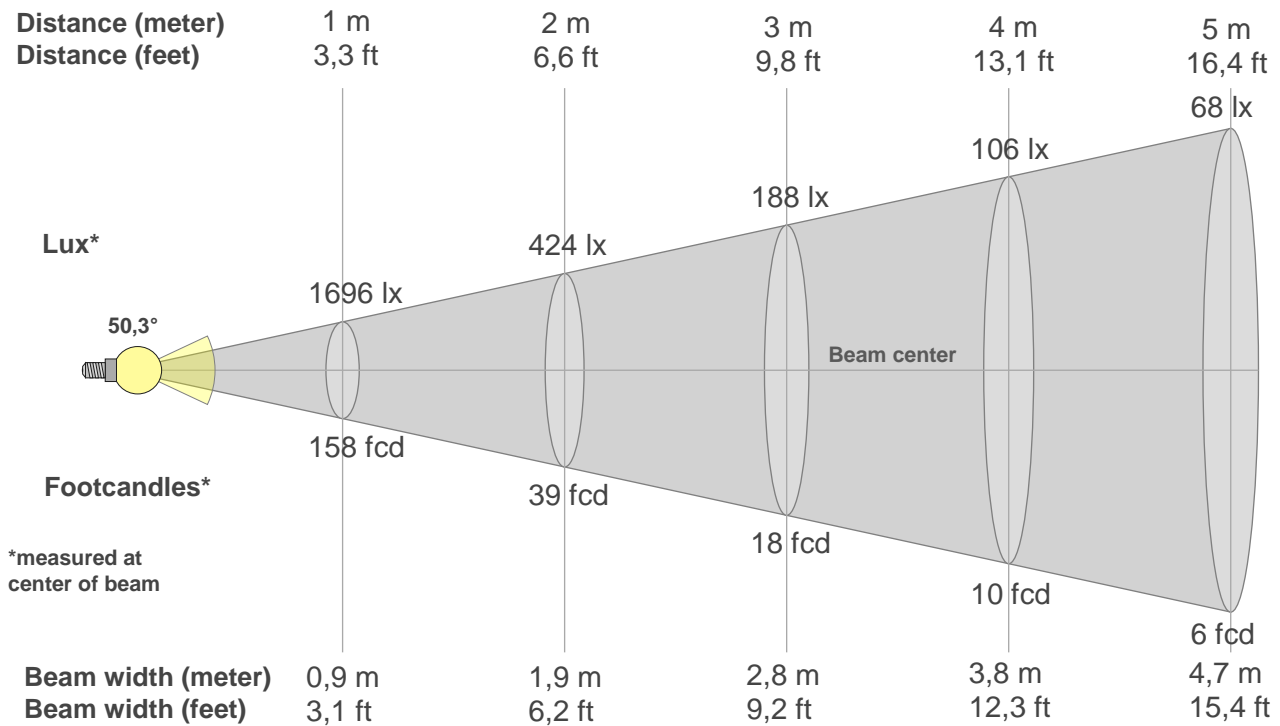
Mounting height: 10 meters (33 f)

3%	0,509 lx
5%	0,848 lx
10%	1,70 lx
30%	5,09 lx
50%	8,48 lx

Conditions:  
 Number of c-planes: 8  
 Lux at center: 17,0 lx

*Lux distribution on a surface when lamp is mounted at 10 meters from the surface.*

## Beam details



### Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
1696lx	424lx	188lx	106lx	68lx	47lx	35lx	26lx	21lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx
157,5fcd	39,4fcd	17,5fcd	9,8fcd	6,3fcd	4,4fcd	3,2fcd	2,5fcd	1,9fcd	1,6fcd	1,3fcd	1,1fcd	0,9fcd	0,8fcd	0,7fcd	0,6fcd	0,5fcd	0,5fcd	0,4fcd	0,4fcd

### Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1696	1672	1644	1605	1553	1488	1412	1329	1237	1138	1037	934	828	723	620	521	432	356	289	233
100%	99%	97%	95%	92%	88%	83%	78%	73%	67%	61%	55%	49%	43%	37%	31%	25%	21%	17%	14%

### Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1696	1730	1732	1720	1687	1633	1560	1471	1367	1252	1133	1009	882	758	640	532	436	354	285	227
100%	102%	102%	101%	99%	96%	92%	87%	81%	74%	67%	59%	52%	45%	38%	31%	26%	21%	17%	13%

### Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1696	1689	1681	1664	1636	1592	1536	1468	1388	1302	1211	1115	1021	925	830	734	642	554	472	399
100%	100%	99%	98%	96%	94%	91%	87%	82%	77%	71%	66%	60%	55%	49%	43%	38%	33%	28%	24%

### Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1696	1691	1659	1616	1562	1495	1417	1330	1238	1145	1057	973	895	820	748	677	604	531	458	388
100%	100%	98%	95%	92%	88%	84%	78%	73%	68%	62%	57%	53%	48%	44%	40%	36%	31%	27%	23%

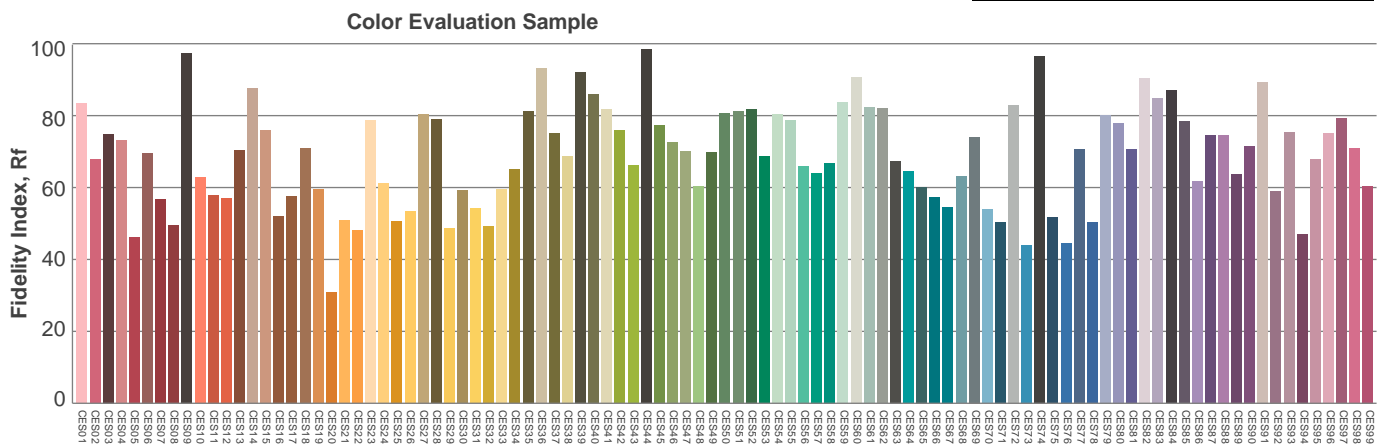
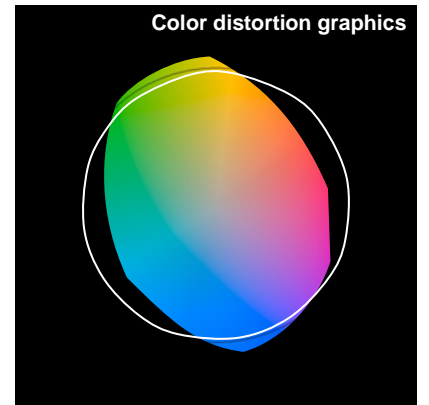
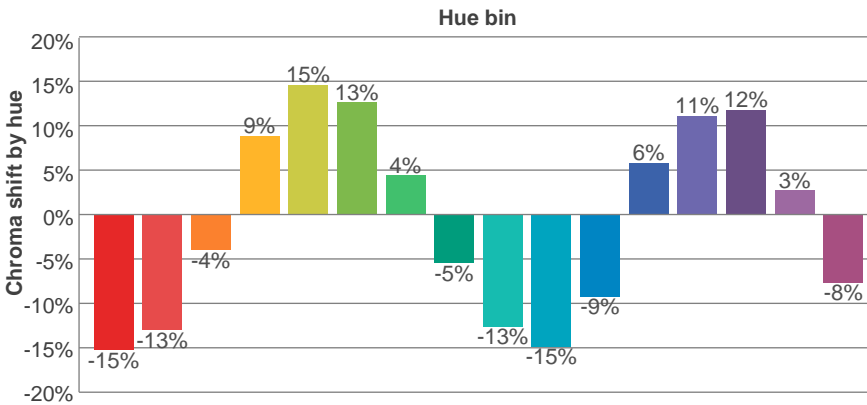
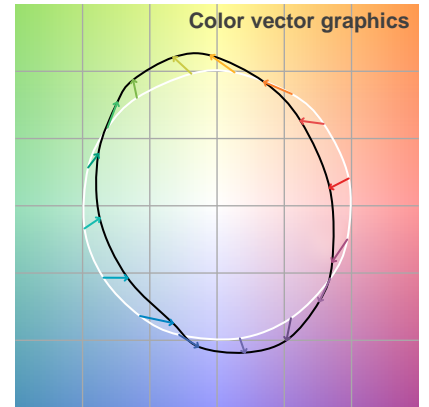
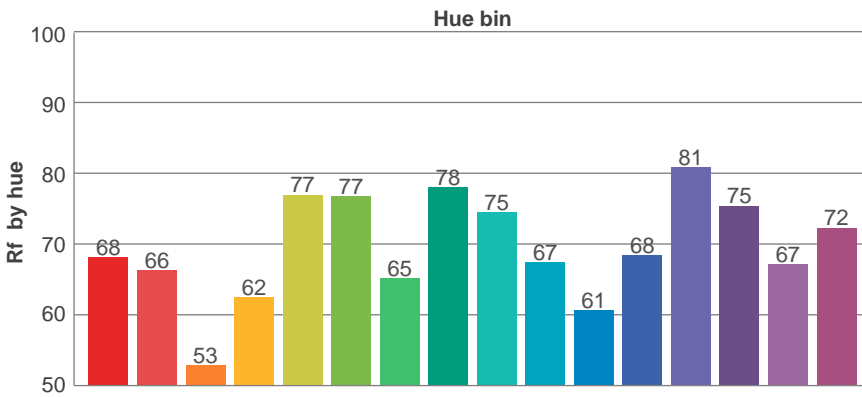
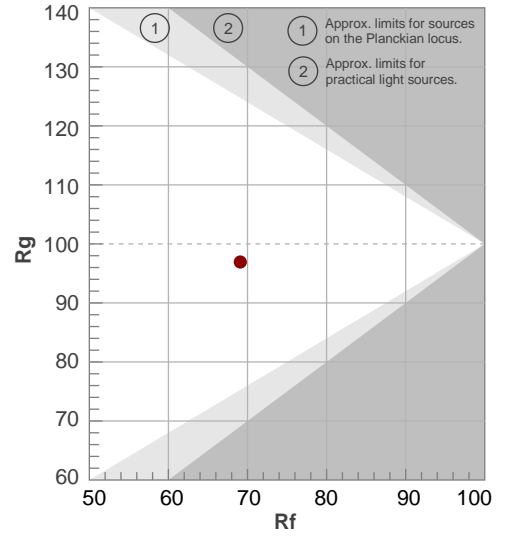
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
50,3°	87,5°	113°	97,8%	90,7%

## TM30 details

**Rf 69,1**  
Fidelity index Rf

**Rg 96,9**  
Gammut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	68	-15%	-4%
2	66	-13%	11%
3	53	-4%	22%
4	62	9%	20%
5	77	15%	11%
6	77	13%	-5%
7	65	4%	-20%
8	78	-5%	-11%
9	75	-13%	-5%
10	67	-15%	10%
11	61	-9%	23%
12	68	6%	16%
13	81	11%	2%
14	75	12%	-12%
15	67	3%	-19%
16	72	-8%	-18%



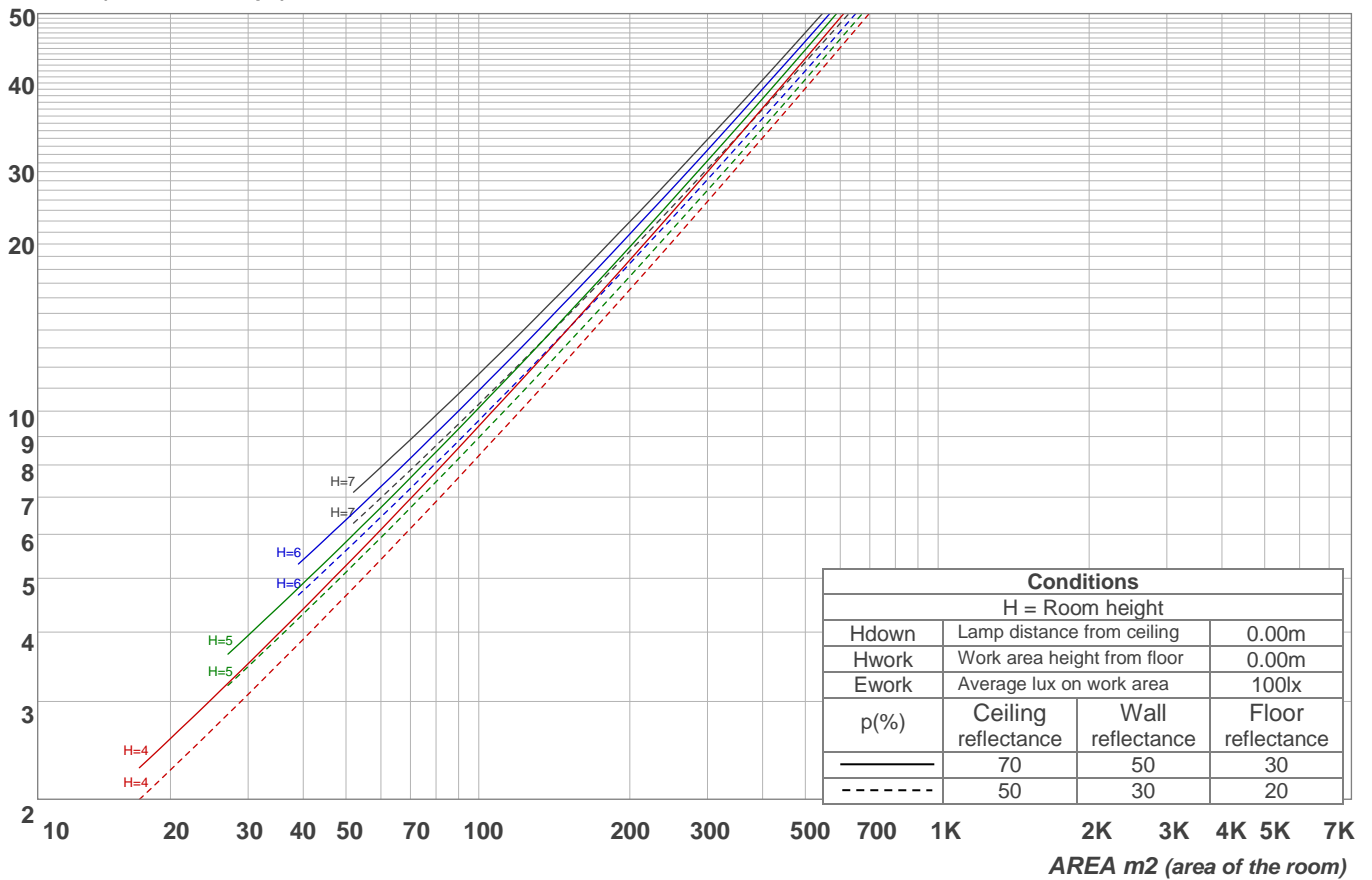
# Light planning

## Coefficients of Utilization

Ceiling reflectance	80				70				50			30			10			0			
Wall reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
Floor reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
RCR	(RCR: Room Cavity Ratio) Room Values are expressed as percentage of Lumens delivered to the task surface																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	0
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	95	94	94	92	90	92
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	88	85	83	85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	84	80	77	79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	79	74	70	73
5	91	82	76	72	89	81	75	71	79	74	71	78	73	70	76	72	69	75	70	66	68
6	86	77	71	66	85	76	70	66	74	69	65	73	68	65	72	68	65	71	66	62	63
7	82	72	66	62	80	71	66	61	70	65	61	69	64	61	68	64	60	67	62	58	59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	57	63	58	54	55
9	74	64	58	54	73	64	58	54	63	57	54	62	57	53	61	56	53	60	55	51	52
10	71	61	55	51	70	60	54	51	59	54	50	58	54	50	58	53	50	57	52	48	49

LAMPS (number of lamps)

## Luminaire budgetary diagram

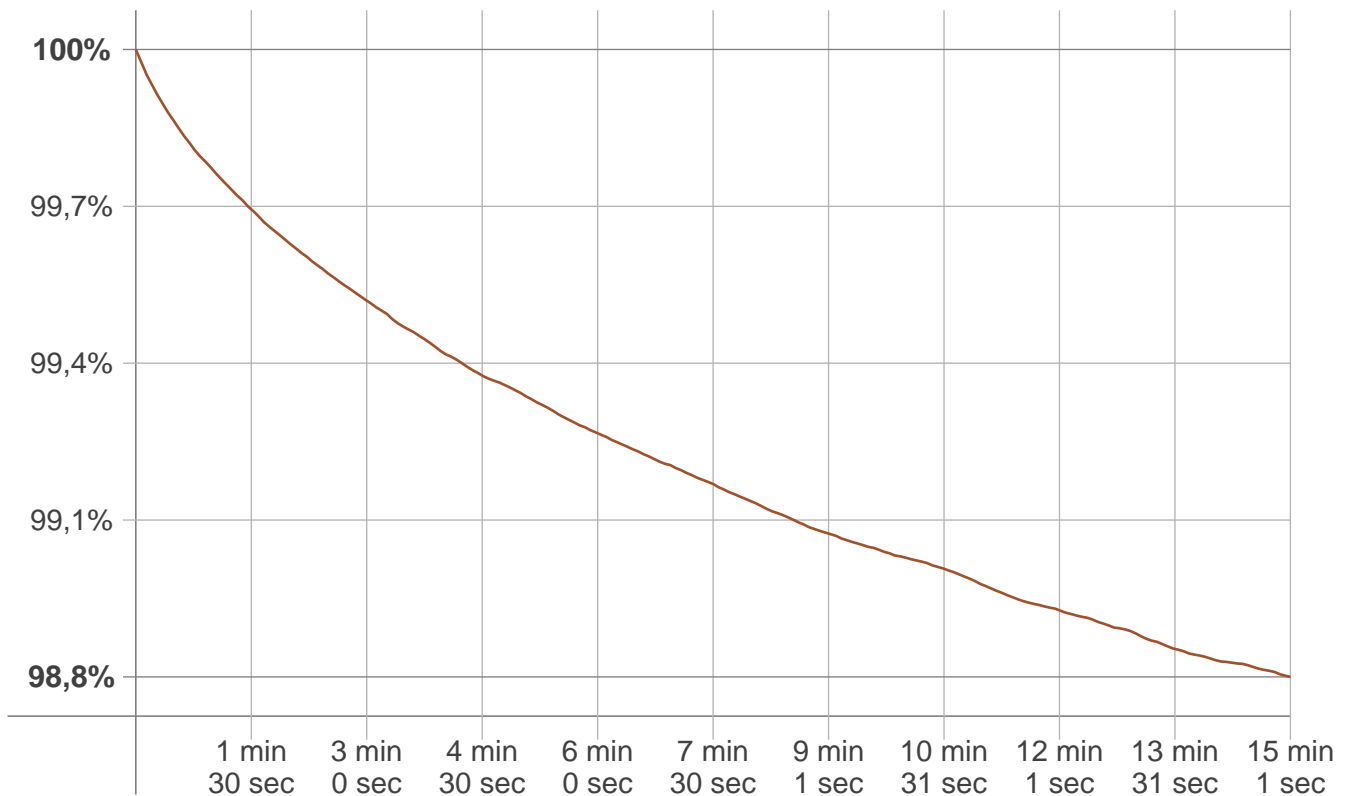


## Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
155 lm	374 lm	392 lm	260 lm	123 lm	49,1 lm	18,2 lm	6,24 lm	1,07 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,285 lm	0,350 lm	0,453 lm	0,632 lm	0,836 lm	0,920 lm	0,849 lm	0,565 lm	0,190 lm

# Stabilization

## Warmup curve



## Warmup result

Warmup time:	15 min 1 sec
Warmup variation	-1,2%

## Warmup conditions

Stable period:	15 min
Stable change max:	2,0%
Minimum time:	15 min

## Color temperature change

CCT start	CCT change	CCT end
3007 K	+2 K	3009 K

## Output change

Output start	Output change	Output end
1399 lm	-15 lm	1384 lm