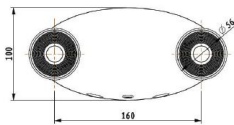
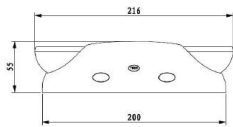


## Luminaria de emergencia



### Dimensiones (mm)

**Largo: 100; Ancho: 216**  
**Alto: 55.**



### Código

**LEDR3S**

### Descripción

Luminaria de emergencia, diseñada con LED integrado. Para sobreponer en pared o muro. Compuesta en la parte interna por un óptico metalizado cromado y lente de plástico texturizado para una óptima distribución.




### Materiales y acabado

Luminaria inyectada termoplástica. Resistente a impactos y resistencia la flama de 5VA.

### Color

Blanco.

### Características técnicas

LED	 22°	 50,000h	IP 20	IK 02
PF 0,64	°C 0-40	V 120-277		

### Fuente de luz

COB de LED integrado por cabezal.

Potencia de Salida	CRI	K	Lm / W	Lm de Salida
1W	>70	7500	157	157

### Características de fuente de luz

- Cabezales de la luminaria regulables.
- Luz indicadora de encendido, tiempo de operación en emergencia mínimo de 90 minutos.
- 24 horas para recargar la batería de la luminaria.
- Cumple las normas UL924, NEC y OSHA.

Nota: Debido a continua investigación, nos reservamos el derecho de cambiar especificaciones sin previa notificación.



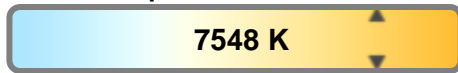
Light efficiency:



Light quality:



Color temperature:



Output: 157 lm

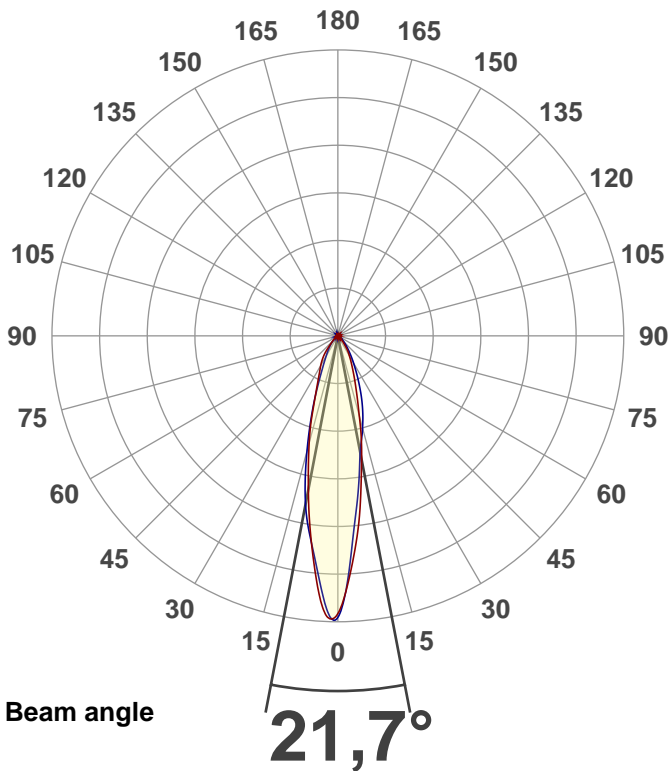
Peak: 498 cd

Power: 1,0 W

PF: 0,64



Product name:  
E0197-LEDR3S (Por cabezal)



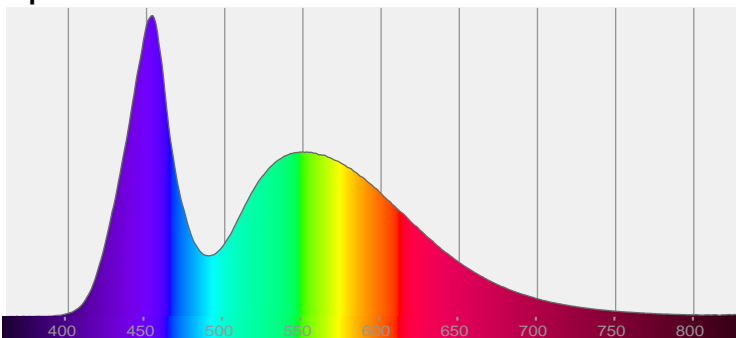
CIE 1931  
x: 0,300  
y: 0,310

THD Values:

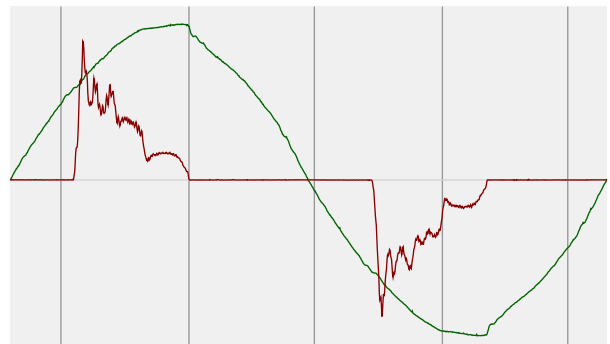
Voltage: 2,63%

Current: 92,88%

Spectra

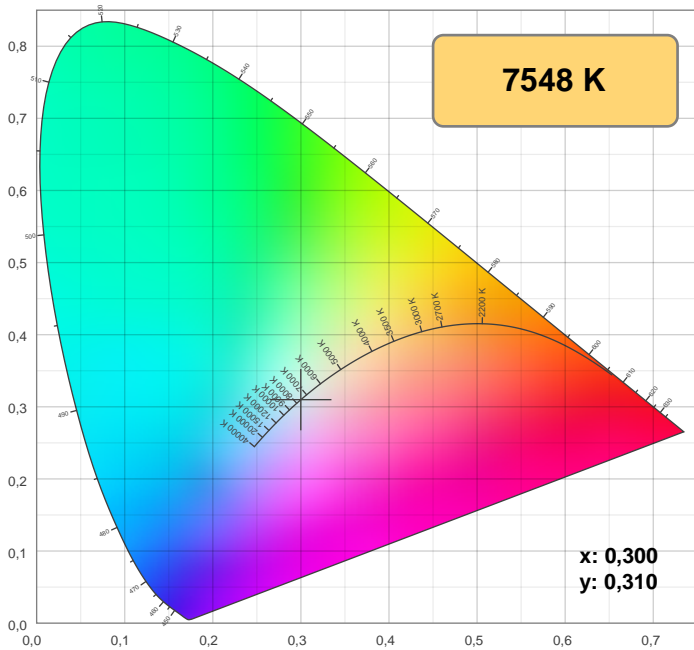


Power



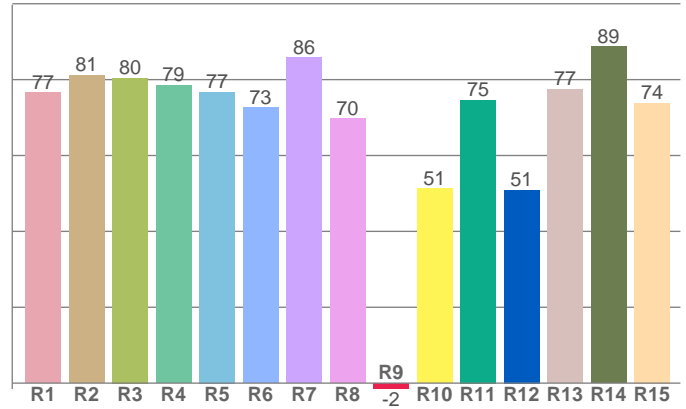
Voltage: 116 V  
Current: 0,054 A  
Frequency: 60 Hz

## Color details



CIE 1931

CRI: 77,7 (R1-R8)

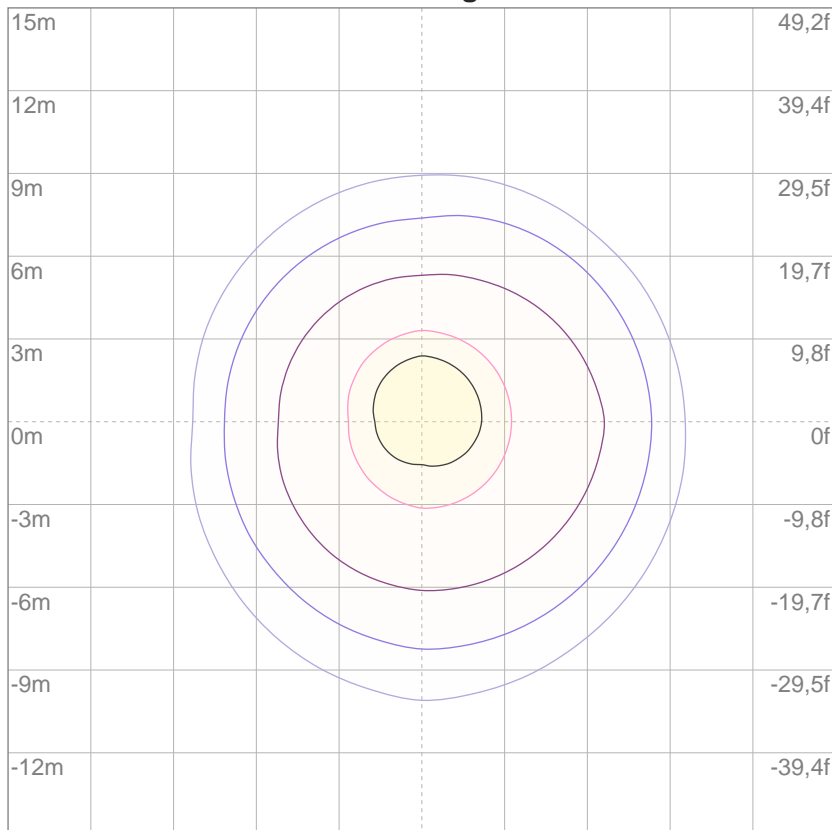


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
76,6	81,2	80,4	78,5	76,7	72,6	85,8	69,8	-1,5	51,3	74,6	50,9	77,5	88,7	73,8

## ISO Diagrams

### ISO lux diagram

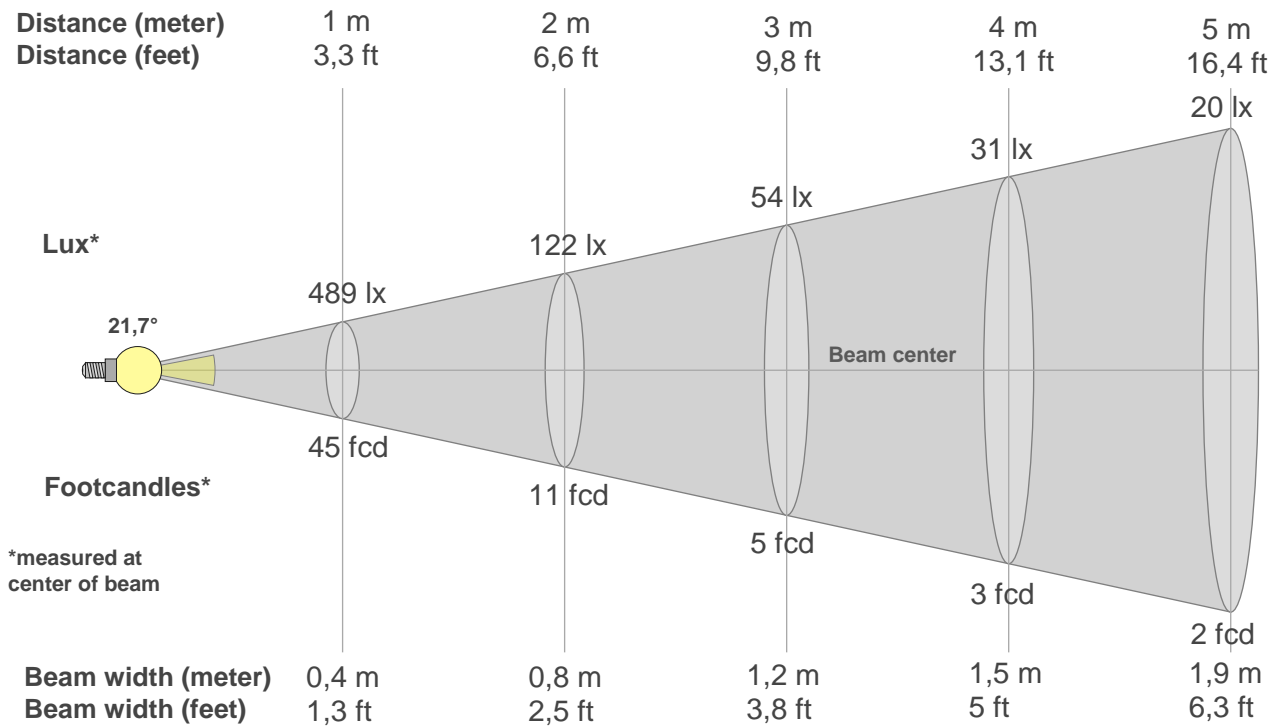


3%	0,147 lx
5%	0,245 lx
10%	0,489 lx
30%	1,47 lx
50%	2,45 lx

Conditions:  
 Number of c-planes: 4  
 Lux at center: 4,89 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
489lx	122lx	54lx	31lx	20lx	14lx	10lx	8lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	2lx	1lx	1lx
45,5fcd	11,4fcd	5,1fcd	2,8fcd	1,8fcd	1,3fcd	0,9fcd	0,7fcd	0,6fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd

### 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°
489	443	391	340	287	239	200	164	130	107	90	75	64	55	47	40	35	30	23	18
100%	91%	80%	70%	59%	49%	41%	33%	27%	22%	18%	15%	13%	11%	10%	8%	7%	6%	5%	4%

### 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°
489	440	365	308	263	222	195	177	159	141	124	107	91	77	65	55	47	39	33	28
100%	90%	75%	63%	54%	45%	40%	36%	32%	29%	25%	22%	19%	16%	13%	11%	10%	8%	7%	6%

### 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°
489	494	458	401	347	296	250	211	179	146	119	99	85	75	67	60	54	47	40	32
100%	101%	94%	82%	71%	60%	51%	43%	36%	30%	24%	20%	17%	15%	14%	12%	11%	10%	8%	7%

### 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°
489	486	438	391	353	318	276	231	189	152	120	93	73	59	49	41	35	30	26	22
100%	99%	90%	80%	72%	65%	56%	47%	39%	31%	25%	19%	15%	12%	10%	8%	7%	6%	5%	4%

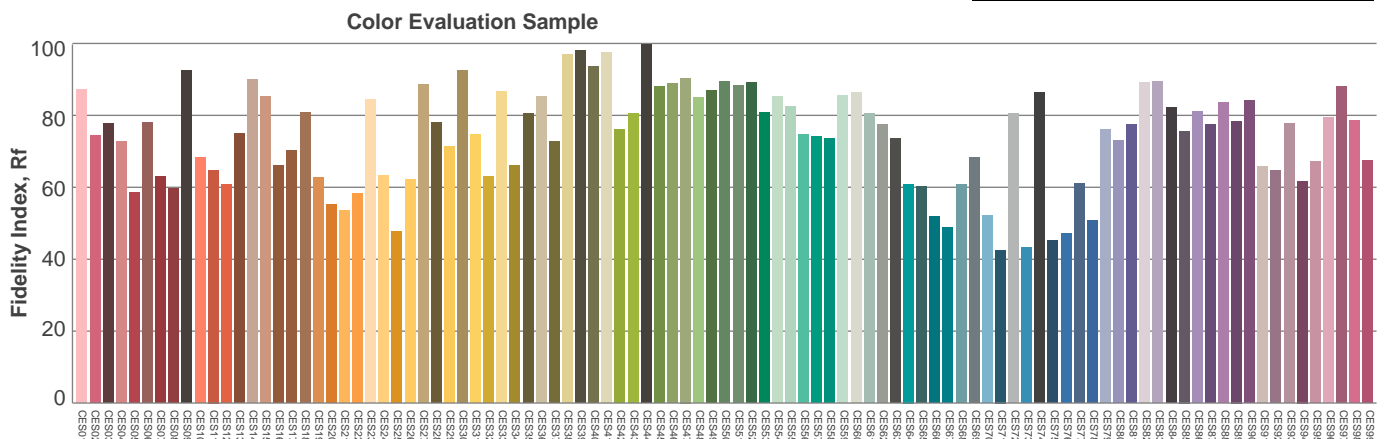
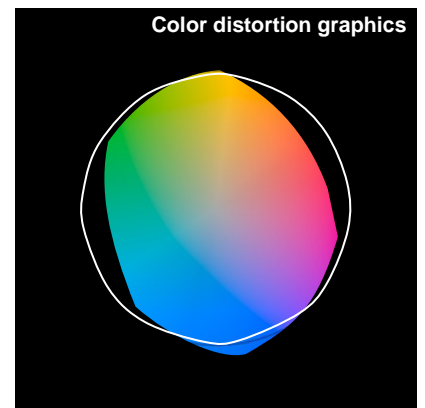
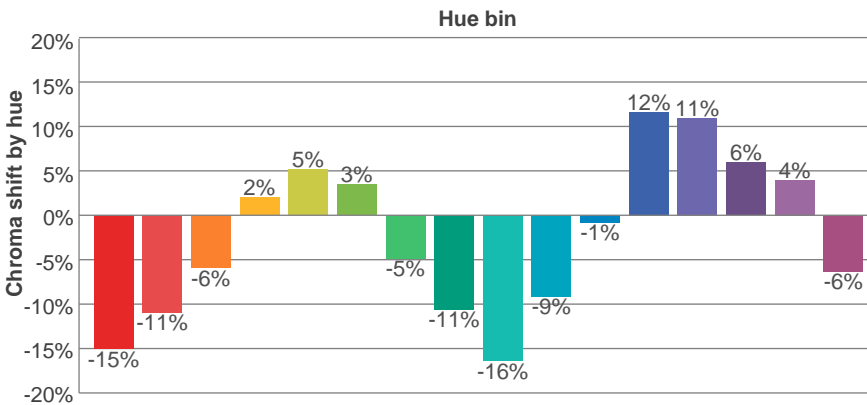
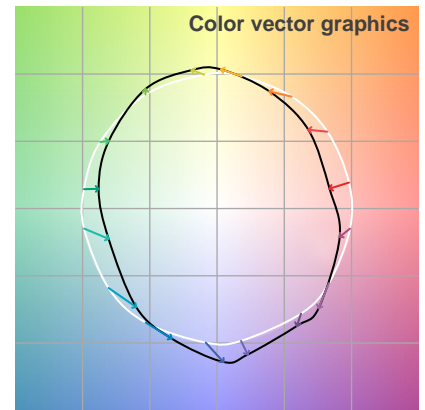
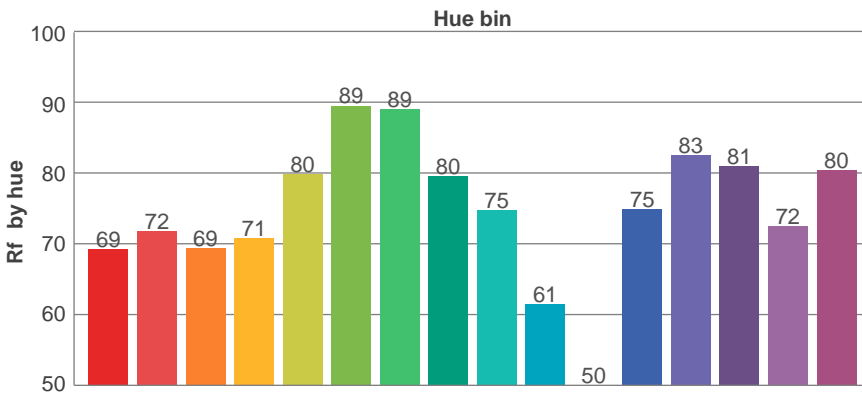
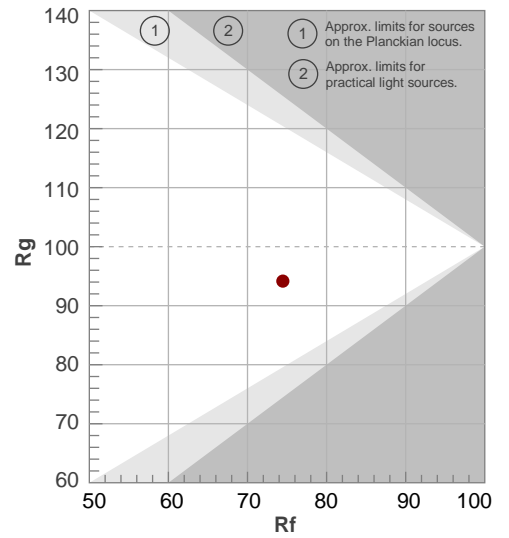
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,7°	59,8°	88,6°	96,9%	91,3%

# TM30 details

**Rf 74,5**  
Fidelity index Rf

**Rg 94,2**  
Gammut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	69	-15%	-2%
2	72	-11%	9%
3	69	-6%	16%
4	71	2%	16%
5	80	5%	8%
6	89	3%	-2%
7	89	-5%	-4%
8	80	-11%	-2%
9	75	-16%	11%
10	61	-9%	23%
11	50	-1%	23%
12	75	12%	16%
13	83	11%	3%
14	81	6%	-7%
15	72	4%	-20%
16	80	-6%	-7%



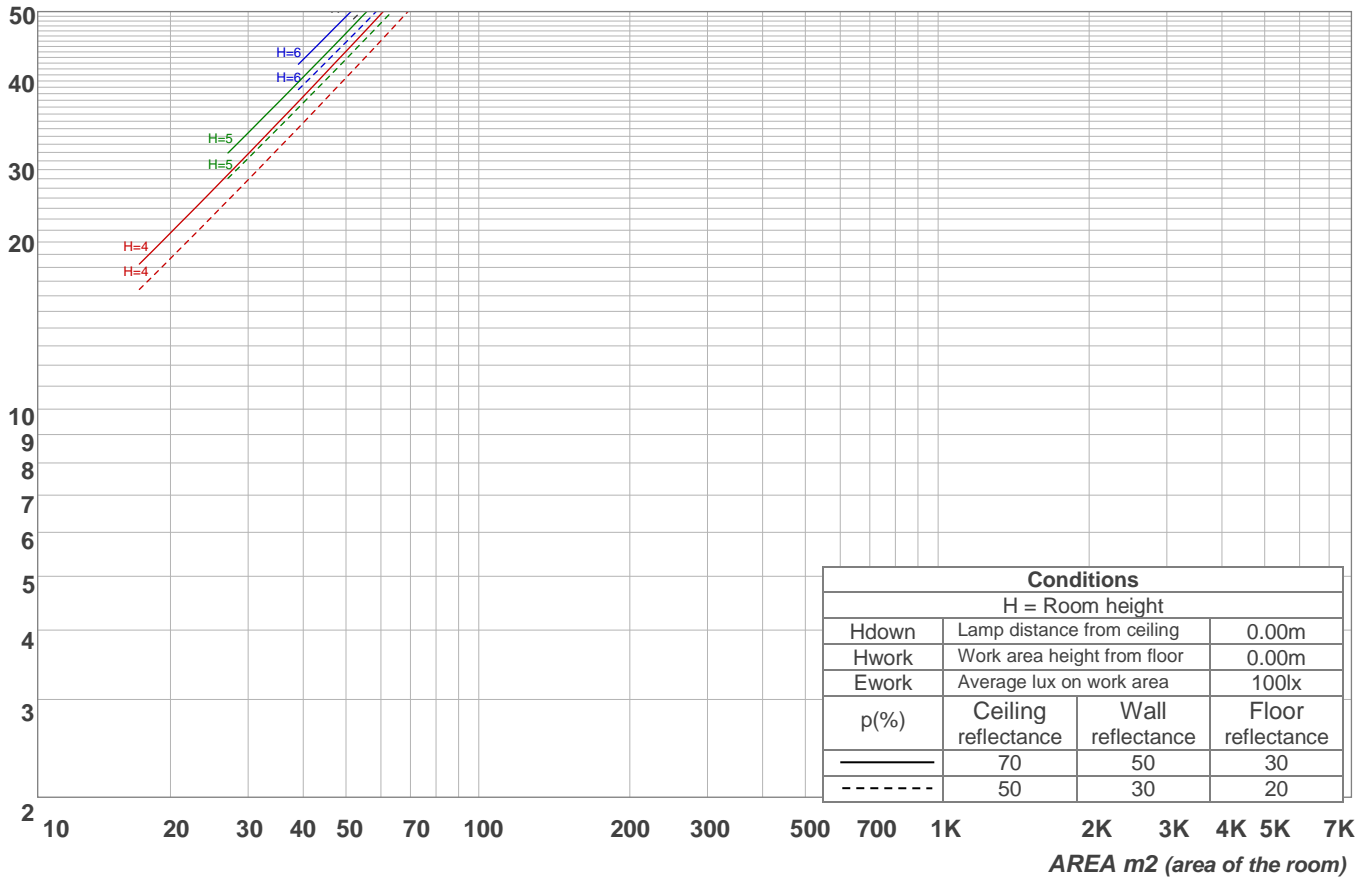
# Light planning

## 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
<b>RCR</b>	<b>(RCR: Room Cavity Ratio)</b>																				
	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	
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	93	93	93	
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82	82	82	
4	98	91	86	82	96	90	85	81	88	84	80	86	82	79	84	81	78	77	77	77	
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	73	73	73	
6	90	81	76	72	88	81	75	72	79	74	71	78	74	71	76	73	70	69	69	69	
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	65	65	65	
8	83	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62	62	62	
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59	59	59	
10	76	67	62	59	75	67	62	59	66	62	58	66	61	58	65	61	58	57	57	57	

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°
33,1 lm	49,5 lm	33,8 lm	20,9 lm	9,50 lm	4,90 lm	2,96 lm	1,52 lm	0,321 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,020 lm	0,016 lm	0,015 lm	0,014 lm	0,013 lm	0,014 lm	0,013 lm	0,007 lm	0,002 lm