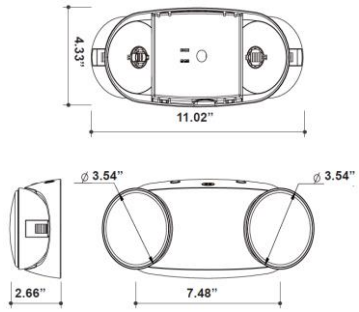
Dimensiones (mm)

Largo: 280; **Ancho:** 66
Alto: 110.



Código

LEDR5HO

Descripción

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

Materiales y acabado

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

Color

Blanco.

Características técnicas

LED	44°	50,000h	IP 20	IK 08

PF 0,62	°C 0-40	V 120-277	⏚

Fuente de luz

LED integrado por cabezal.

Potencia de Salida	CRI	K	Lm / W	Lm de Salida
1,2W	>80	6500	202	243

Características de fuente de luz

- Color temperatura disponible 6500K (luz fría).
- 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.

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

Light efficiency:

202 Lumen/Watt

Light quality:

CRI: 83,4

Color temperature:

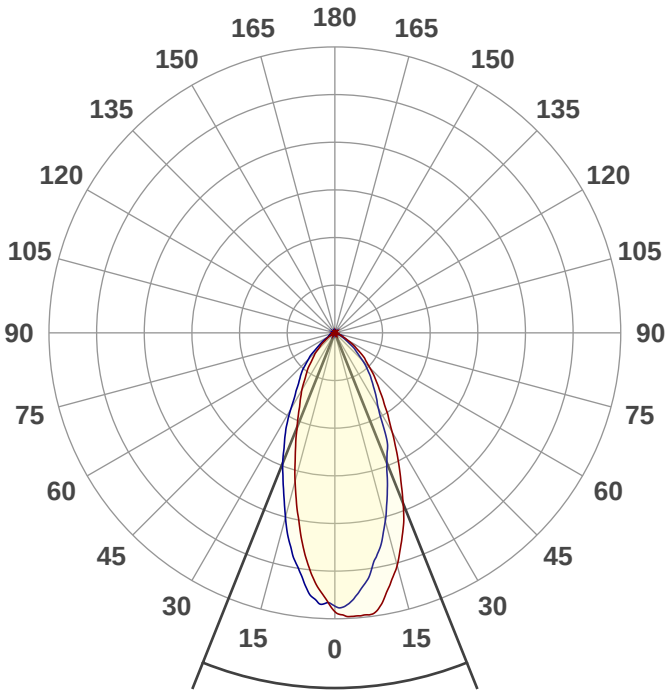
6508 K

Output: 243 lm

Peak: 302 cd

Power: 1,2 W

PF: 0,62



Product name:

E0024-LEDR5HO (Por cabezal)

Beam angle

43,6°

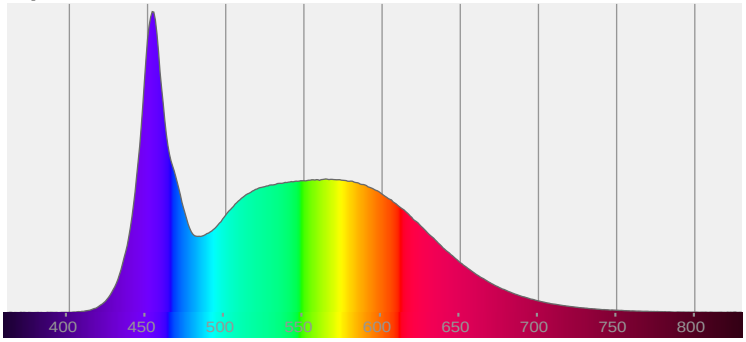
CIE 1931
x: 0,312
y: 0,333

THD Values:

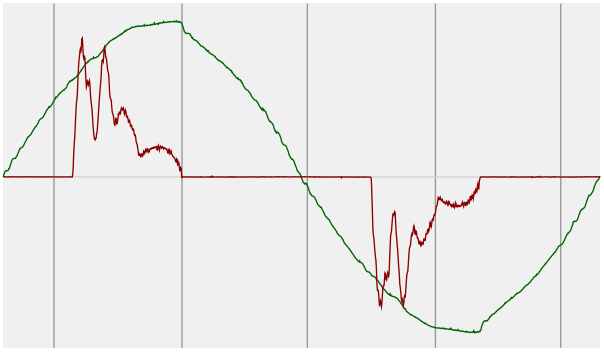
Voltage: 2,48%

Current: 102,4%

Spectra

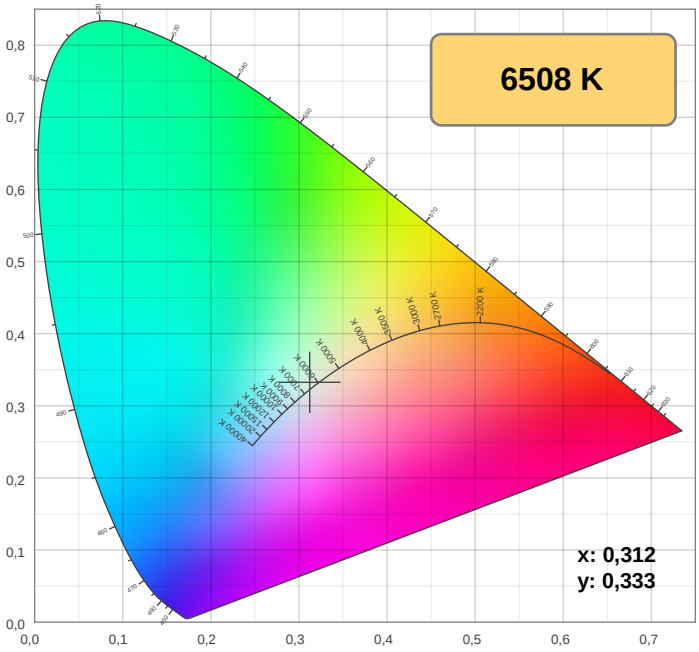


Power



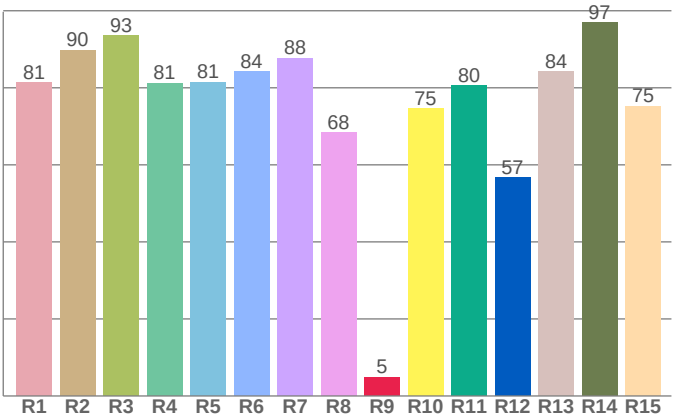
Voltage: 114 V
Current: 0,048 A
Frequency: 59,9 Hz

Color details



CIE 1931

CRI: 83,4 (R1-R8)

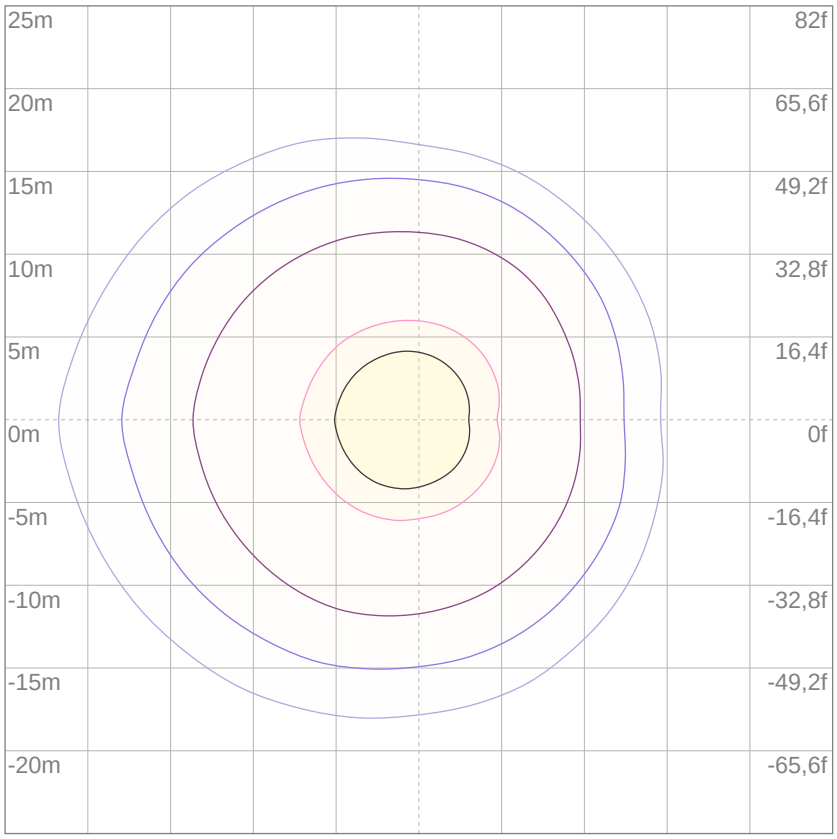


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
81,3	89,7	93,5	81,1	81,4	84,2	87,7	68,3	4,8	74,6	80,5	56,7	84,2	96,9	75,2

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	88,0m lx
5%	0,147 lx
10%	0,293 lx
30%	0,880 lx
50%	1,47 lx

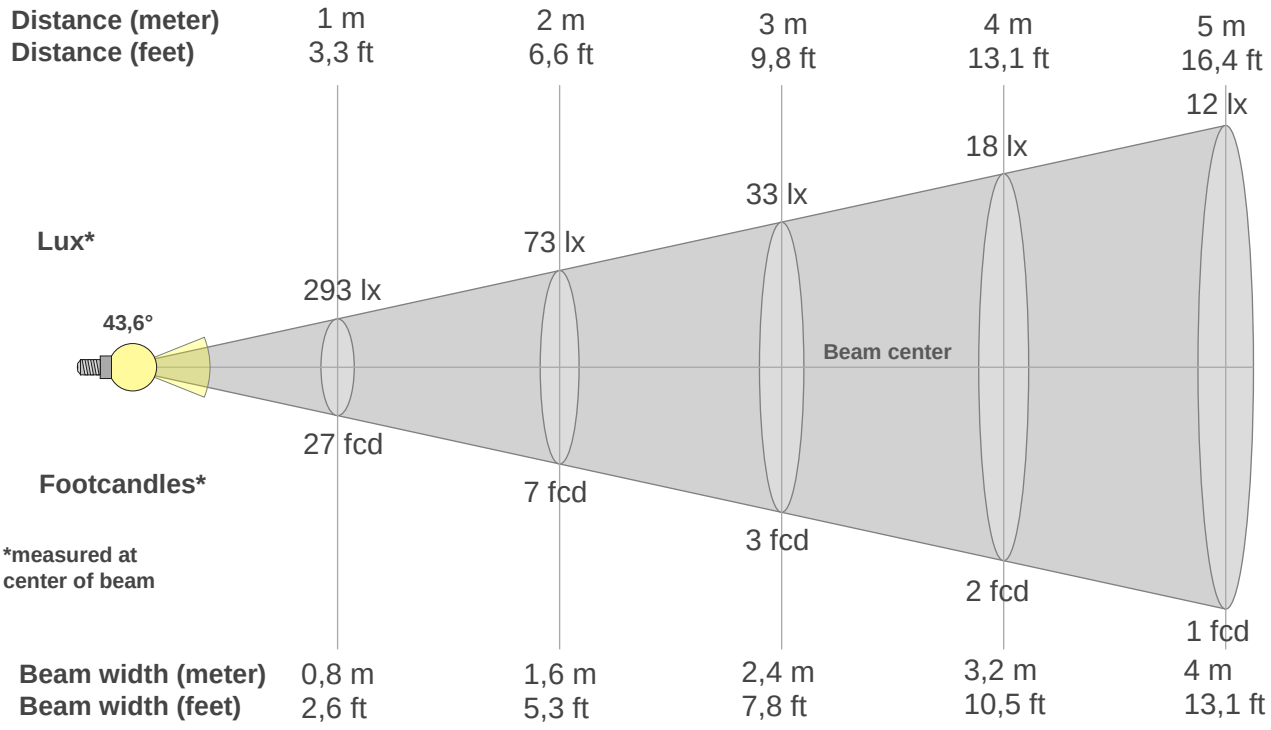
Conditions:

Number of c-planes: 4

Lux at center: 2,93 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
293lx	73lx	33lx	18lx	12lx	8lx	6lx	5lx	4lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx
27,3fcd	6,8fcd	3fcd	1,7fcd	1,1fcd	0,8fcd	0,6fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	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°
293	301	302	302	301	291	276	263	247	231	214	193	173	155	138	122	108	97	87	77
100%	103%	103%	103%	103%	99%	94%	90%	84%	79%	73%	66%	59%	53%	47%	42%	37%	33%	30%	26%

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°
293	291	284	273	262	245	233	215	198	180	163	148	137	126	106	92	84	77	69	63
100%	99%	97%	93%	89%	83%	79%	73%	68%	61%	56%	50%	47%	43%	36%	31%	29%	26%	24%	22%

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°
293	283	270	254	234	213	193	173	154	136	121	107	95	85	77	70	62	55	50	44
100%	96%	92%	86%	80%	73%	66%	59%	53%	46%	41%	36%	33%	29%	26%	24%	21%	19%	17%	15%

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°
293	288	285	276	259	246	230	213	194	176	161	148	133	120	108	94	81	73	65	60
100%	98%	97%	94%	88%	84%	78%	72%	66%	60%	55%	50%	45%	41%	37%	32%	28%	25%	22%	20%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
43,6°	97,7°	123,2°	96,2%	84,2%

TM30 details

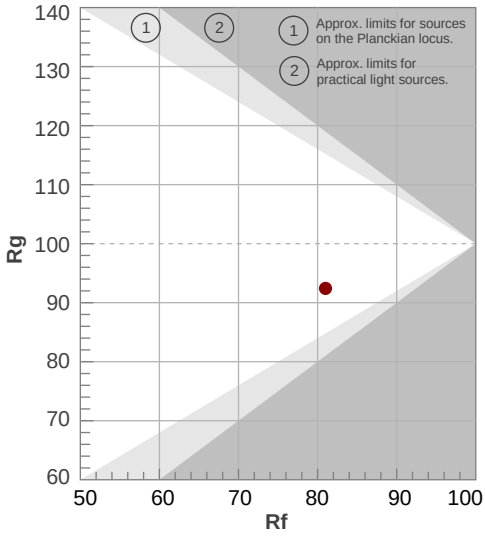
Rf 81,0

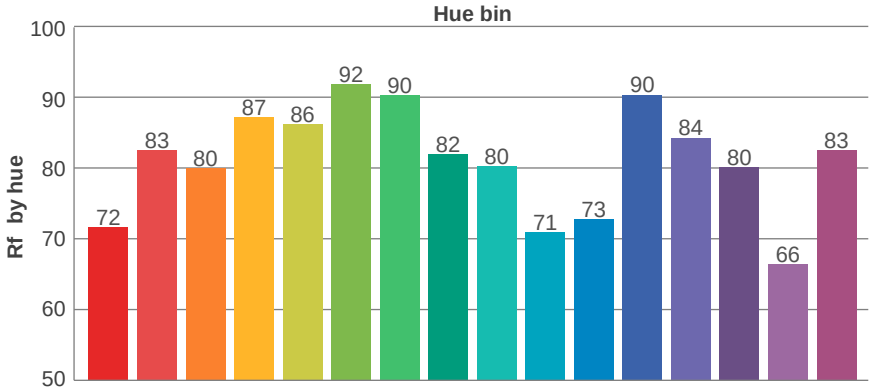
Fidelity index Rf

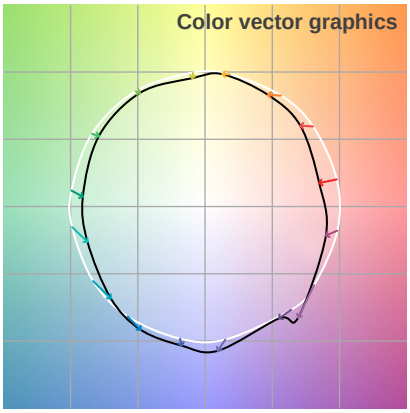
Rg 92,4

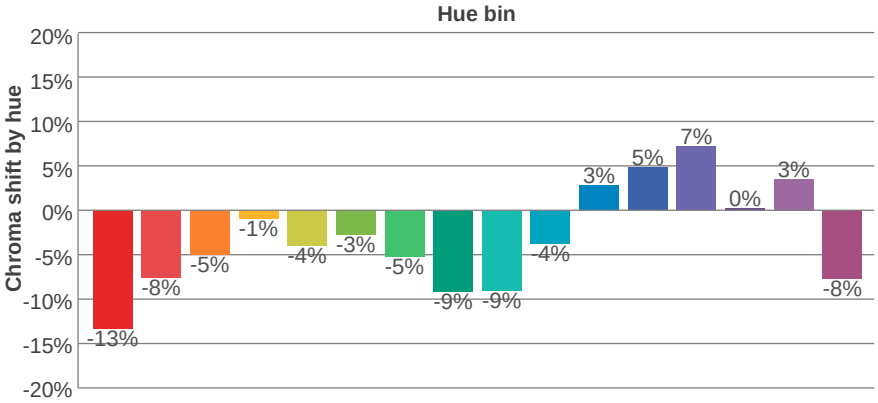
Gammut index Rg

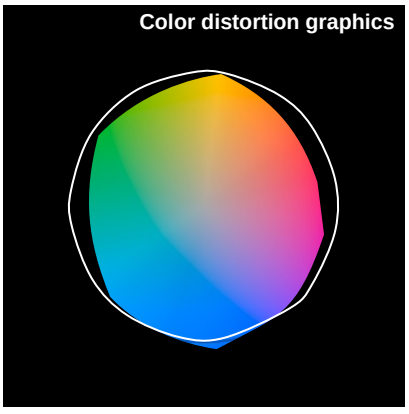
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	72	-13%	0%
2	83	-8%	6%
3	80	-5%	8%
4	87	-1%	5%
5	86	-4%	1%
6	92	-3%	-2%
7	90	-5%	-2%
8	82	-9%	3%
9	80	-9%	13%
10	71	-4%	18%
11	73	3%	13%
12	90	5%	2%
13	84	7%	-7%
14	80	0%	-11%
15	66	3%	-27%
16	83	-8%	-5%

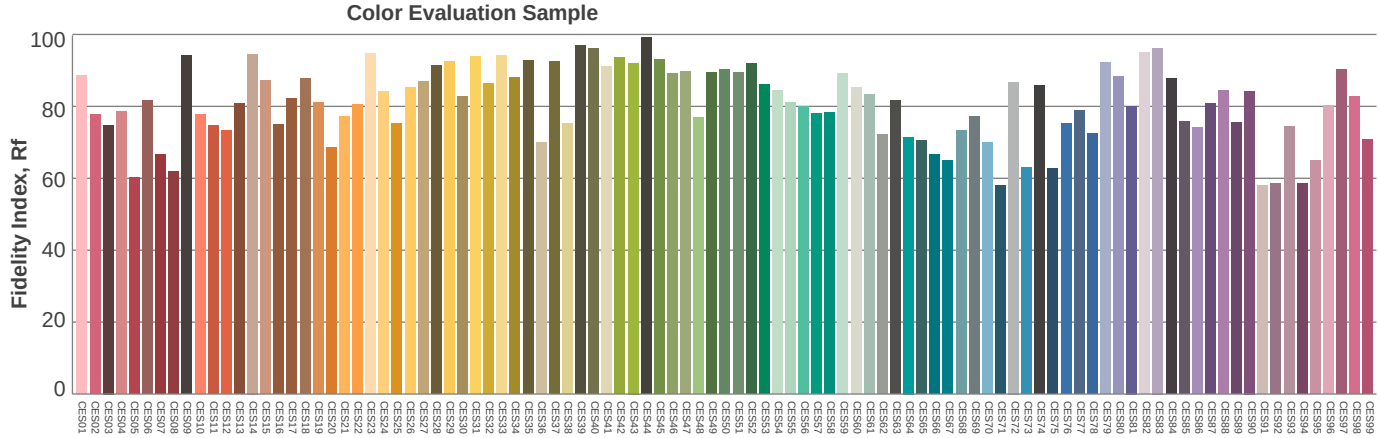










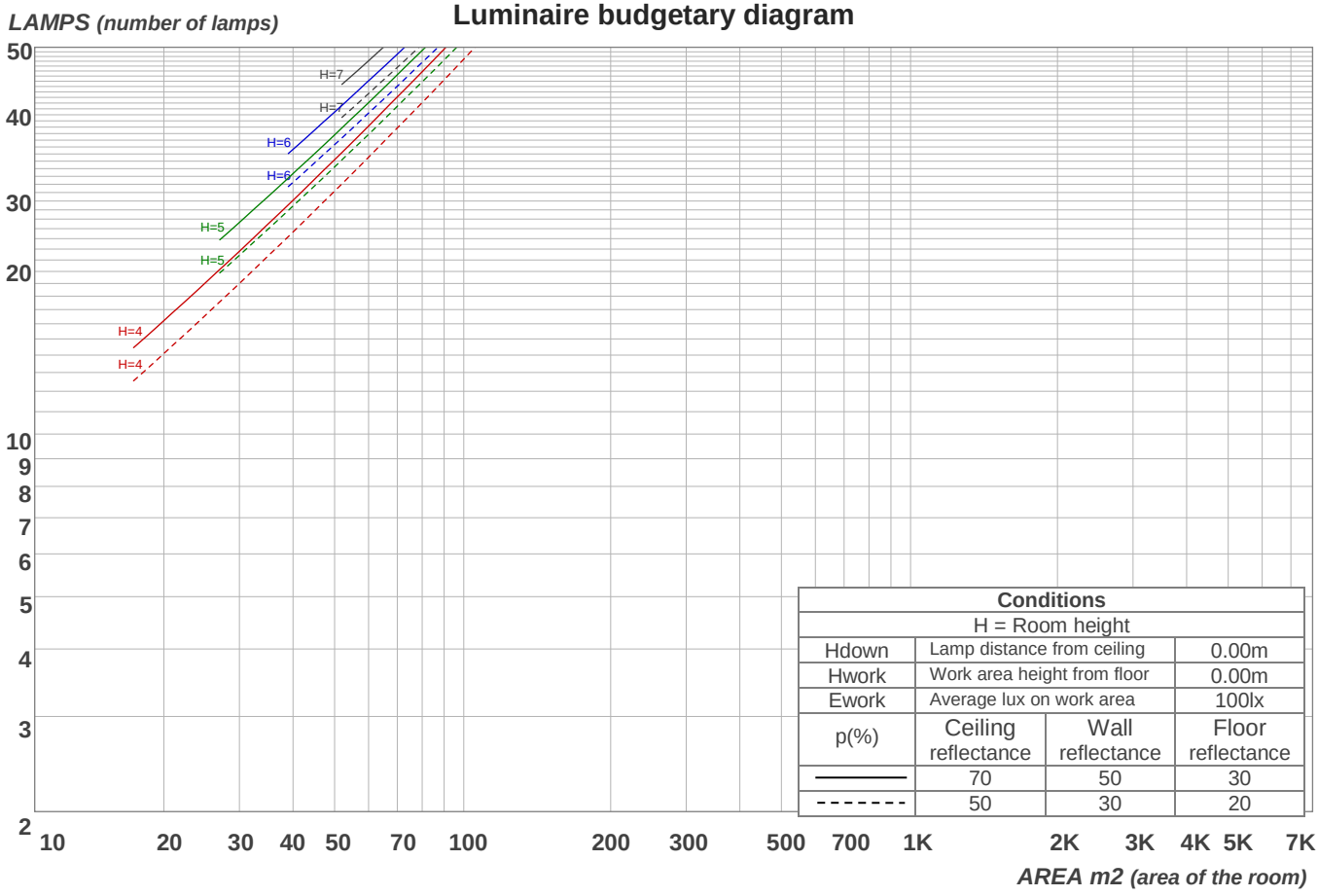


Light planning

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	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
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	77	76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69
5	88	79	72	68	87	78	72	67	76	71	67	74	70	66	73	69	65	64
6	83	74	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59
7	79	69	62	57	77	68	62	57	67	61	57	65	60	56	64	60	56	55
8	75	64	58	53	73	64	57	53	63	57	53	61	56	53	60	56	52	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48
10	68	57	51	47	66	57	50	46	56	50	46	55	50	46	54	49	46	45

Luminaire budgetary diagram



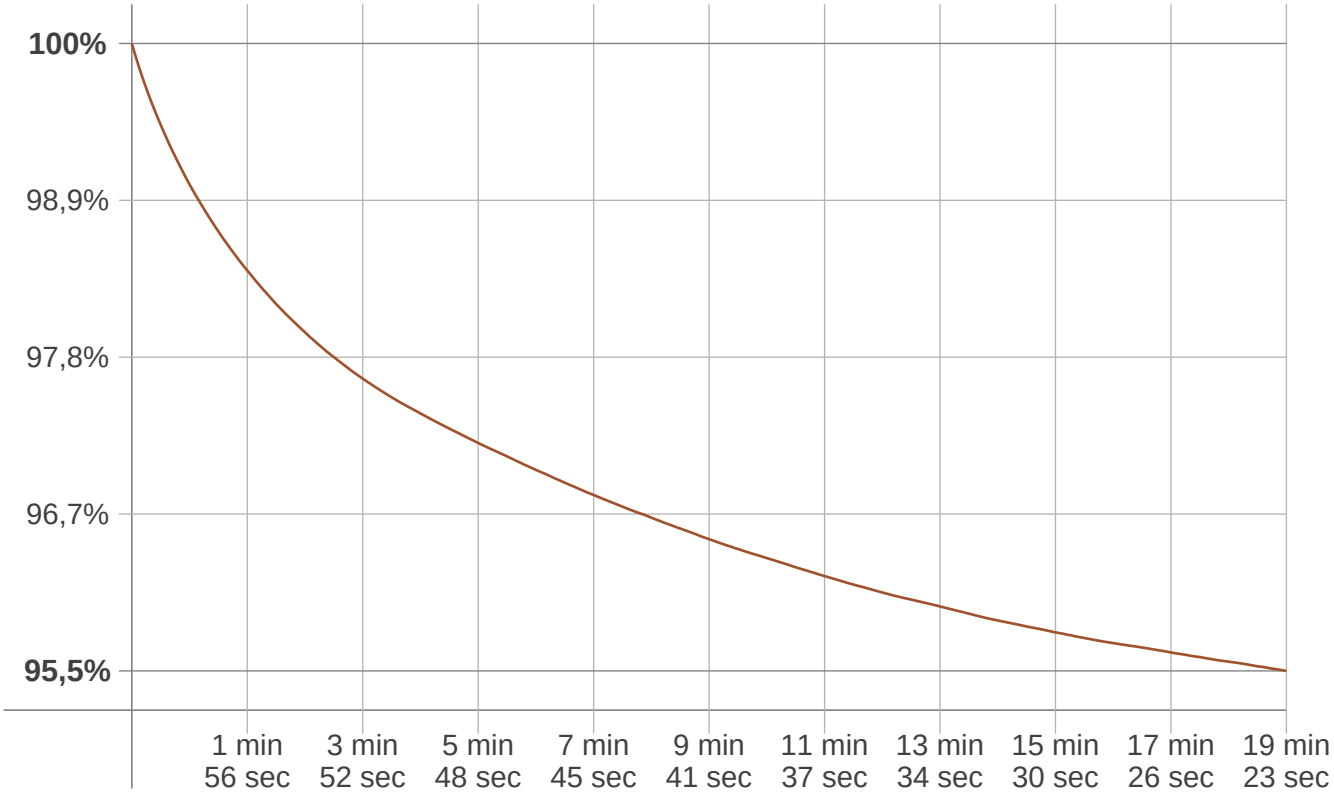
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
25,8 lm	57,3 lm	58,4 lm	45,1 lm	31,2 lm	15,7 lm	5,90 lm	2,27 lm	0,612 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,162 lm	0,085 lm	0,046 lm	0,030 lm	0,026 lm	0,025 lm	0,020 lm	0,011 lm	0,003 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	**19 min 23 sec**
Warmup variation	**-4,5%**

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
6426 K	**+82 K**	**6508 K**

Output change

Output start	Output change	Output end
253 lm	**-11 lm**	**243 lm**