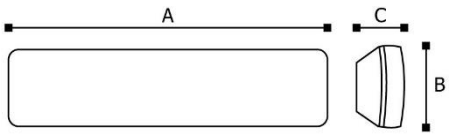
Luminaria para exterior

Dimensiones (mm)

A: 210; **B:** 60
C: 42



Código

GL14101

Descripción

Luminaria tipo aplique, diseñada con LED integrado. Para sobreponer en pared o muro, con difusor en policarbonato opal texturizado.

Materiales y acabado

Cuerpo en PC inyectado.

Color

Gris.

Características técnicas

LED	**113,5°**	**25,000h**	**IP 54**	**IK 08**
PF 0,96	**THD <25%**	**°C 0-55**	**V 200-240**	

Fuente de luz

Módulo de LED.

Potencia Nominal	CRI	K	Lm / W	Lm de Salida
6W	>80	3000	43	253

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Potencia de Nominal: 5,9W.

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

Light efficiency:

43 Lumen/Watt

Light quality:

CRI: 83,8

Color temperature:

2835 K

Output: 253 lm

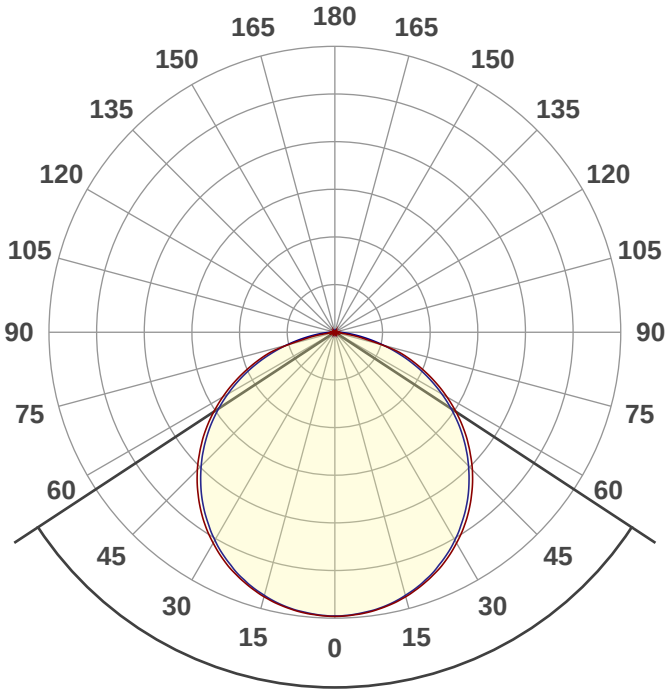
Peak: 88,5 cd

Power: 5,9 W

PF: 0,96

Product name:

E0432-GL14101



Beam angle **113,4°**

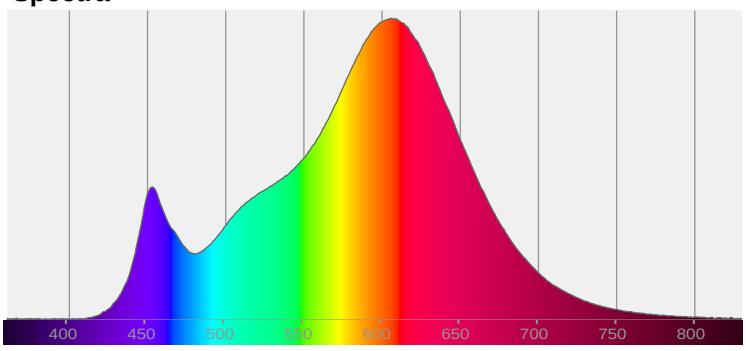
CIE 1931
x: 0,445
y: 0,400

THD Values:

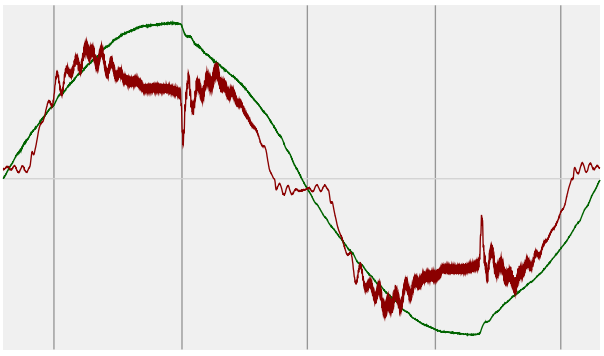
Voltage: 3,13%

Current: 23,1%

Spectra



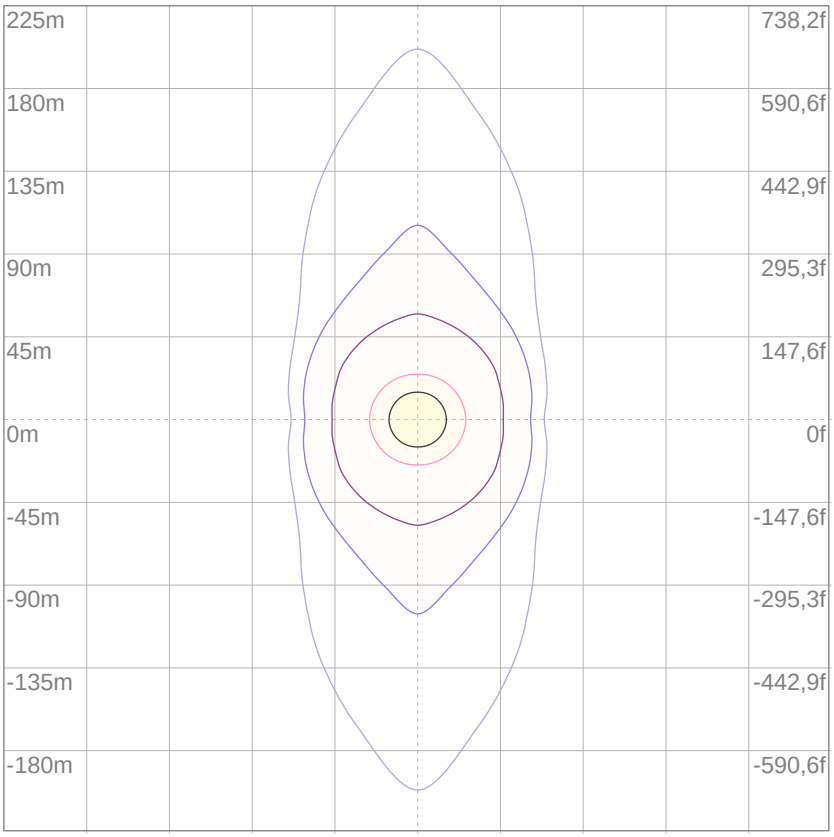
Power



Voltage: 118 V
Current: 0,052 A
Frequency: 60 Hz

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	26,5m lx
5%	44,2m lx
10%	88,4m lx
30%	0,265 lx
50%	0,442 lx

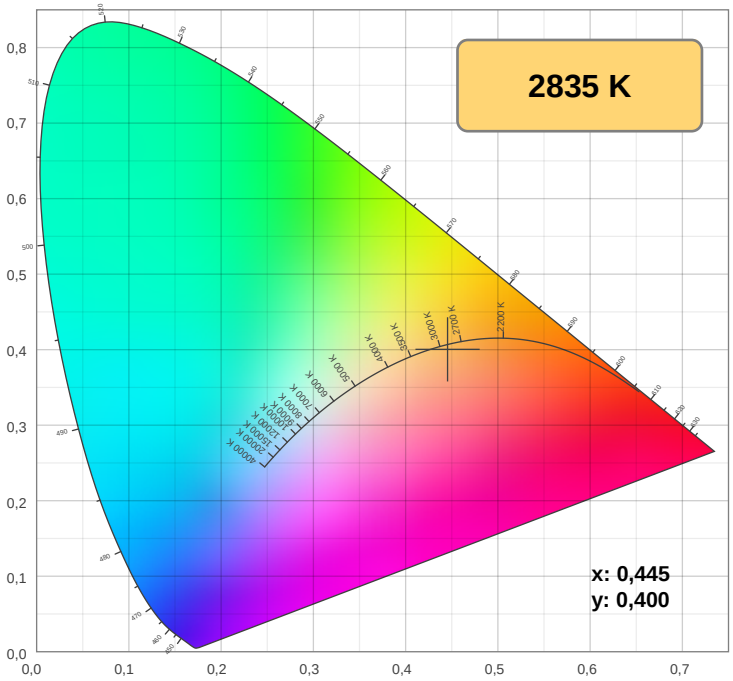
Conditions:

Number of c-planes: 4

Lux at center: 0,884 lx

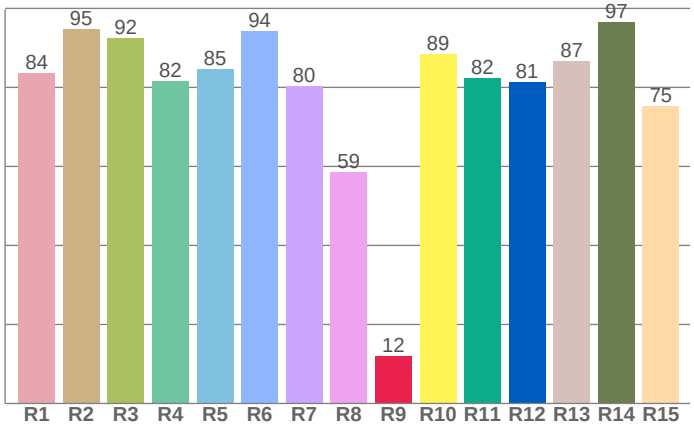
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Color details



CIE 1931

CRI: 83,8 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83,6	94,7	92,4	81,7	84,6	94,2	80,5	58,7	12,1	88,5	82,4	81,3	86,7	96,5	75,3

Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2835 K	83,8	12,1	86,0	95,6	83,1	0,445	0,400	0,258	0,347	0,0025

TM-30 details

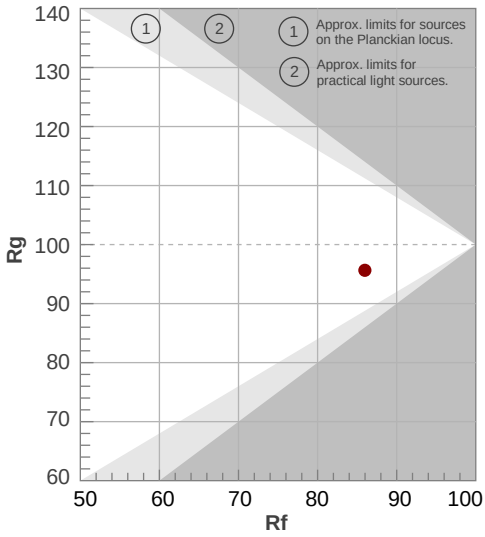
Rf 86,0

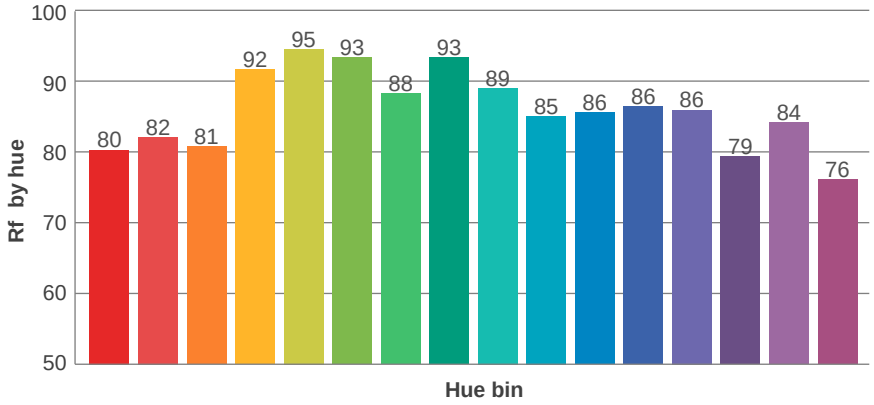
Fidelity index Rf

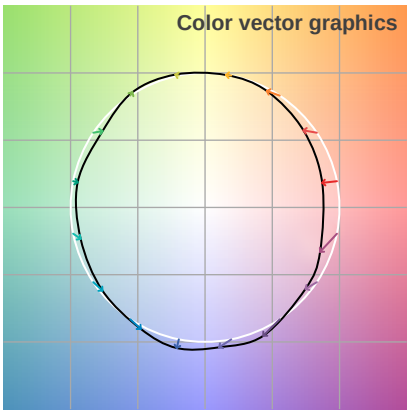
Rg 95,6

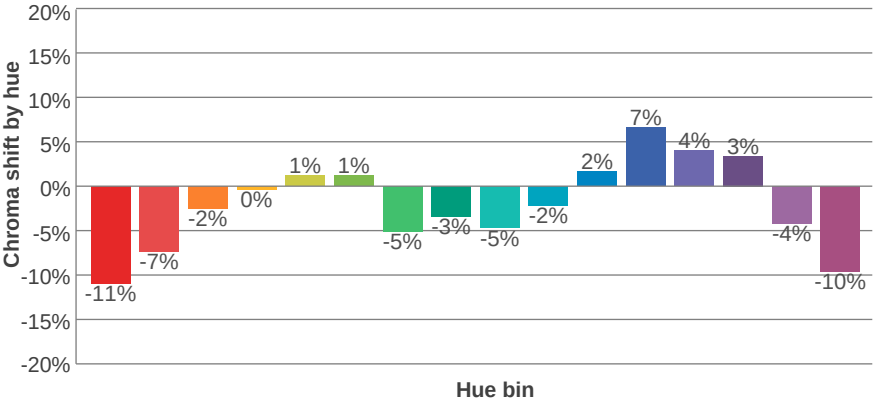
Gamut index Rg

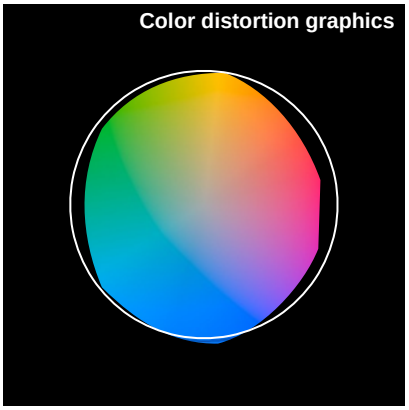
Hue Bin	R_f	Shifts (%) Chroma	Hue
1	80	-11%	1%
2	82	-7%	7%
3	81	-2%	10%
4	92	0%	4%
5	95	1%	2%
6	93	1%	-3%
7	88	-5%	-5%
8	93	-3%	0%
9	89	-5%	5%
10	85	-2%	9%
11	86	2%	10%
12	86	7%	0%
13	86	4%	-10%
14	79	3%	-17%
15	84	-4%	-9%
16	76	-10%	-16%

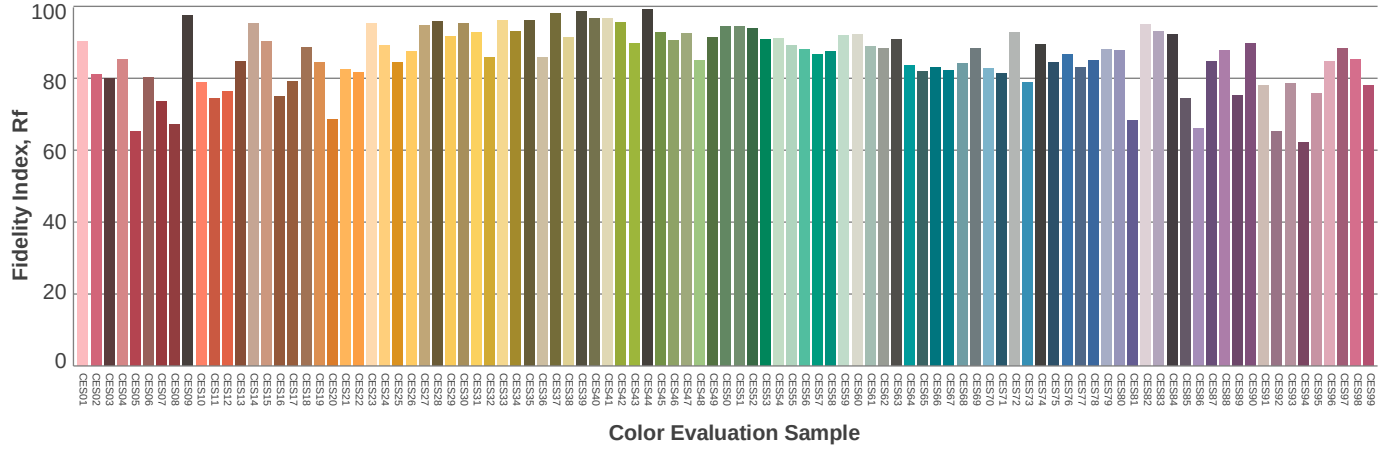




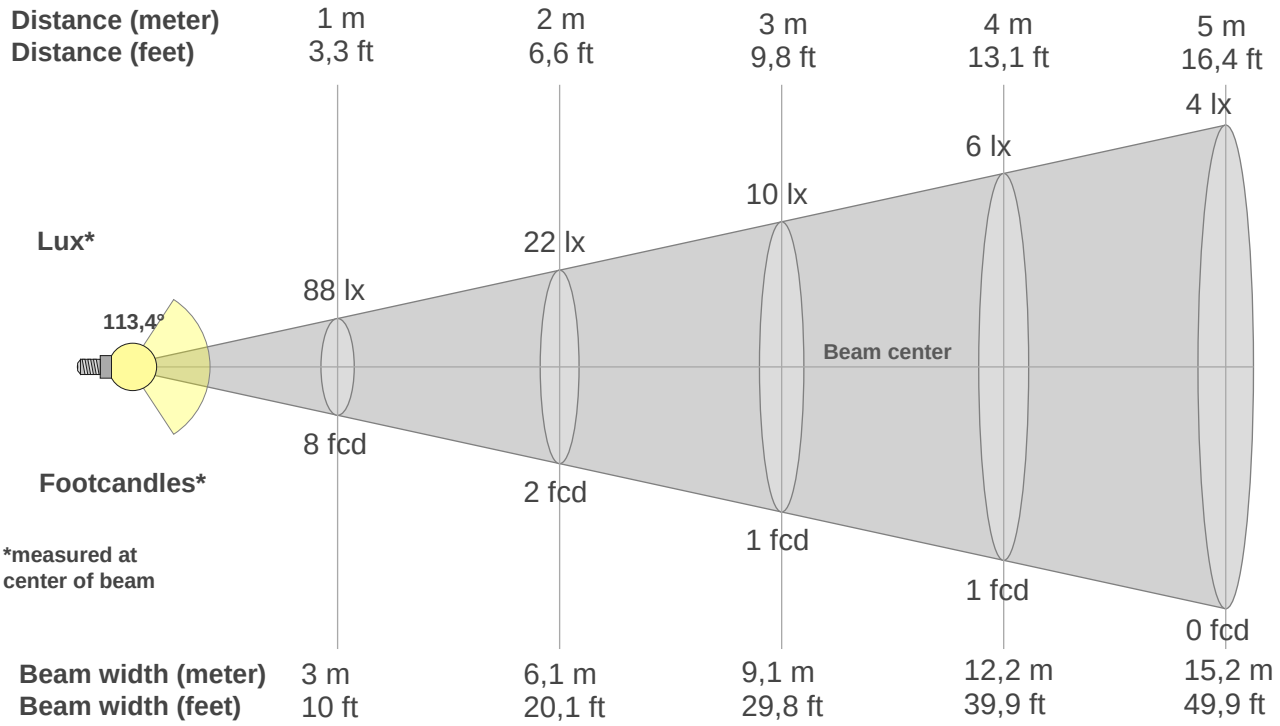








Beam details



Beam intensities from 1-20m

{BEAM_INT_TABLE_START}

m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx
fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd

Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
88,4	88,1	87,0	85,3	82,8	79,7	75,8	71,4	66,2	60,6	54,3	47,6	40,3	32,8	25,2	15,2	5,7	0,2	0,1	0,0
100%	100%	98%	96%	94%	90%	86%	81%	75%	69%	61%	54%	46%	37%	29%	17%	6%	0%	0%	0%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
88,4	87,9	86,8	84,8	82,2	78,8	74,8	70,0	64,8	58,9	52,5	45,7	38,5	31,0	23,3	15,7	9,0	4,1	1,4	0,4
100%	99%	98%	96%	93%	89%	85%	79%	73%	67%	59%	52%	44%	35%	26%	18%	10%	5%	2%	0%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
88,4	88,1	87,0	85,3	82,8	79,7	75,8	71,4	66,2	60,6	54,3	47,6	40,3	32,8	25,2	15,2	5,7	0,2	0,1	0,0
100%	100%	98%	96%	94%	90%	86%	81%	75%	69%	61%	54%	46%	37%	29%	17%	6%	0%	0%	0%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
88,4	87,9	86,8	84,8	82,2	78,8	74,8	70,0	64,8	58,9	52,5	45,7	38,5	31,0	23,3	15,7	9,0	4,1	1,4	0,4
100%	99%	98%	96%	93%	89%	85%	79%	73%	67%	59%	52%	44%	35%	26%	18%	10%	5%	2%	0%

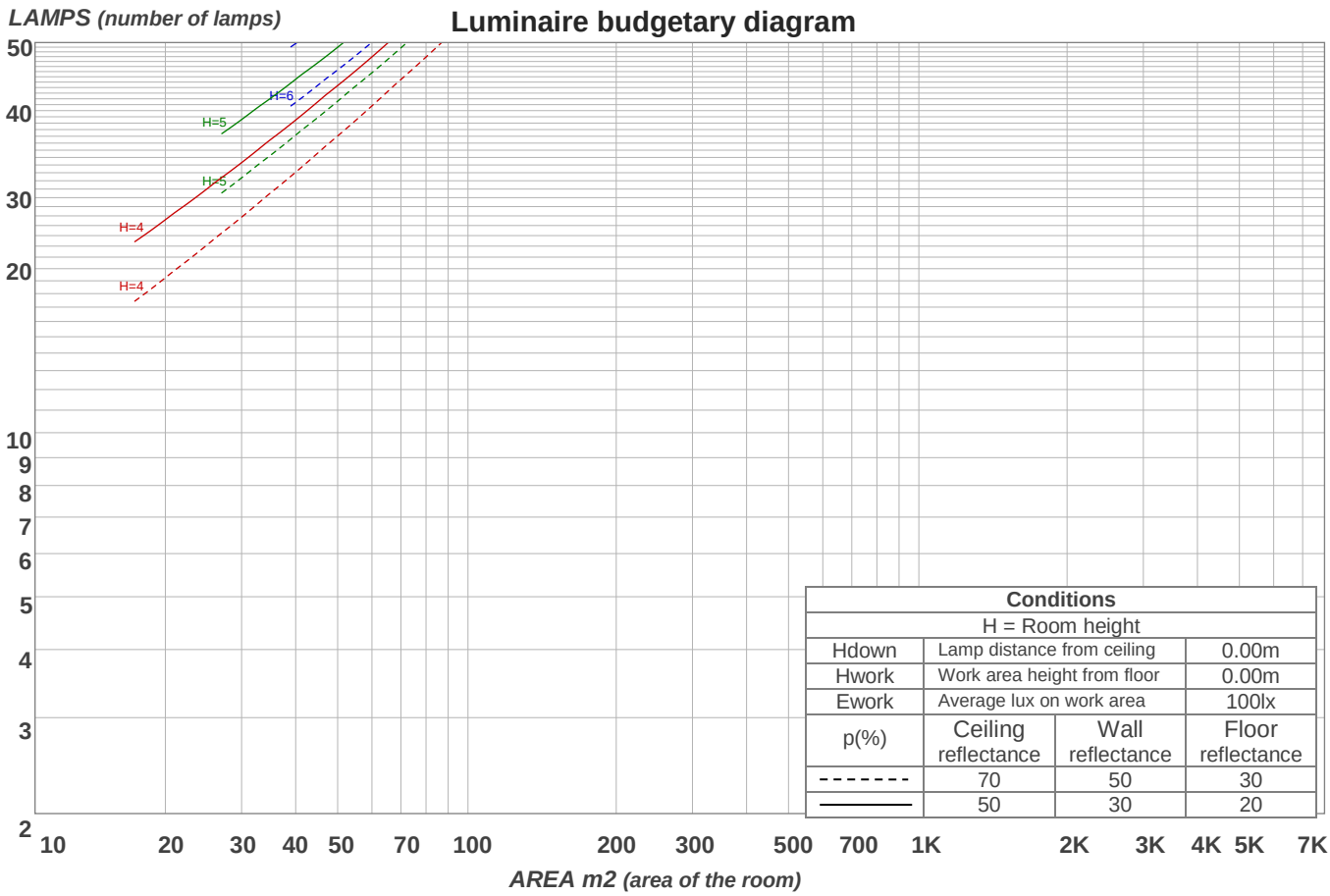
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
113,4°	**158,1°**	**170°**	**79,4%**	**53,9%**

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	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	64	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	47	58	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	45	40	38
7	65	51	43	36	63	51	42	36	49	41	36	47	41	36	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	29	27
10	53	40	32	26	52	39	31	26	38	31	26	37	31	26	36	30	26	24

Luminaire budgetary diagram



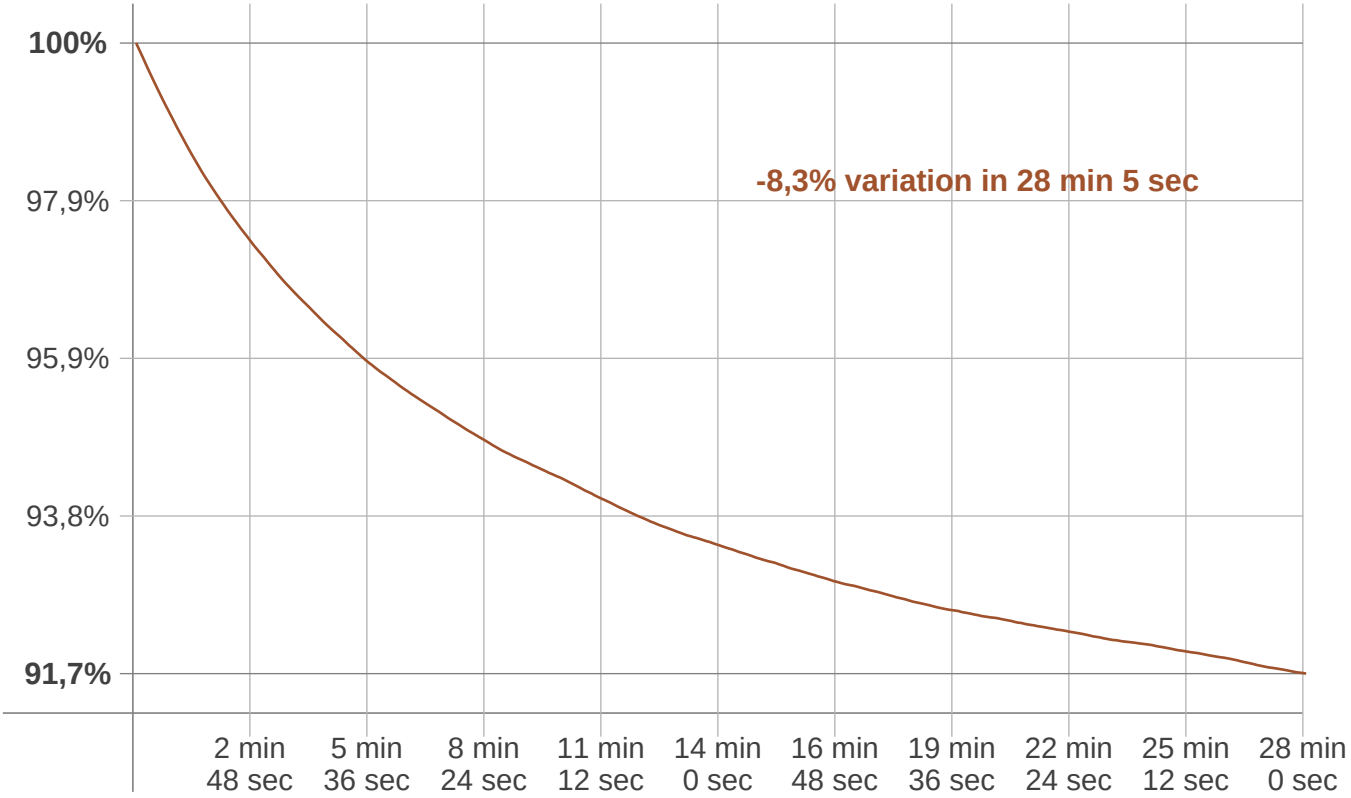
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
8,37 lm	24,0 lm	36,5 lm	44,2 lm	46,0 lm	41,7 lm	31,5 lm	16,5 lm	3,02 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,337 lm	0,184 lm	0,163 lm	0,139 lm	0,113 lm	0,081 lm	0,047 lm	0,031 lm	0,011 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	**28 min 5 sec**
Warmup variation	**-8,4%**

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
2806 K	+29 K	2835 K

Output change

Output start	Output change	Output end
276 lm	-23 lm	253 lm