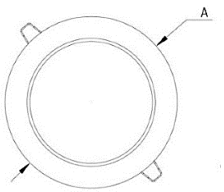
Dimensiones (mm)

A: Ø192



Corte: *Ø166*

Código

KT6617-20W-4K

Descripción

Luminaria tipo bala, diseñada con módulo de LED integrado. Empotrada al techo por medio de sujetadores ubicados en los laterales. Compuesta por un difusor en acrílico opal.

Materiales y acabado

Sujetadores en hierro, recubiertos en plástico inyectado. Resortes en hierro con acabado galvanizado. Cuerpo y aro plástico inyectado.

Color

Blanco.

Características técnicas

LED	**115°**	**50,000h**	**IP 20**	**IK 02**
PF 0,97	**THD <30%**	**°C 0-40**	**V 100-240**	**Hz 50/60**

Fuente de luz

Bala con módulo de LED.

Potencia de Salida	CRI	K	Lm / W	Lm de Salida
19,5W	>80	4000	106	2067

Características de fuente de luz

- Color temperatura disponible 4000K (neutro).

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

Light efficiency:

106 Lumen/Watt

Light quality:

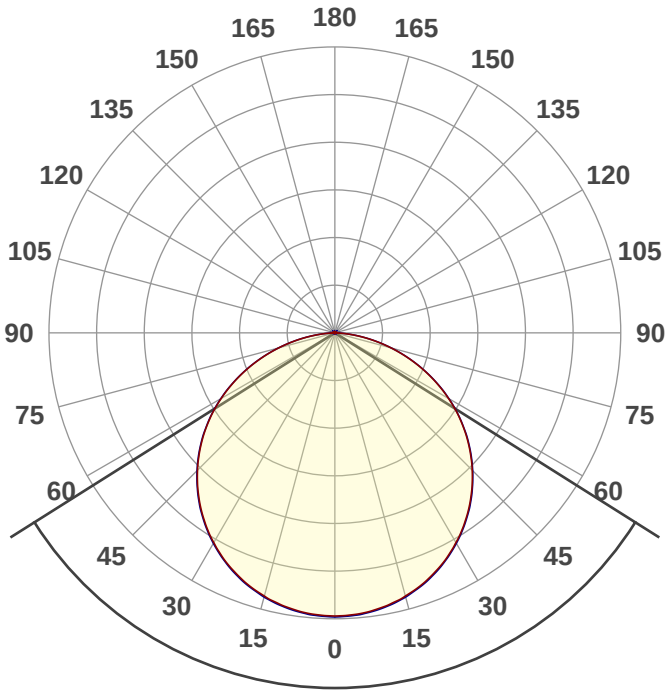
CRI: 84,3

Color temperature:

4056 K

Output: 2067 lm
Peak: 703 cd

Power: 19,5 W
PF: 0,97



Product name:
E0379-KT6617-20W-AM-4K

Beam angle

115,5°

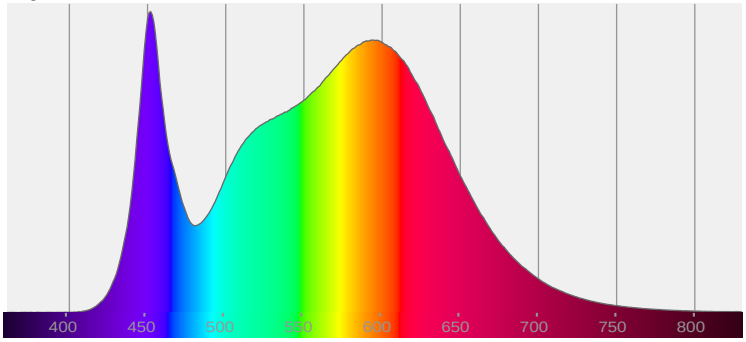
CIE 1931
x: 0,378
y: 0,376

THD Values:

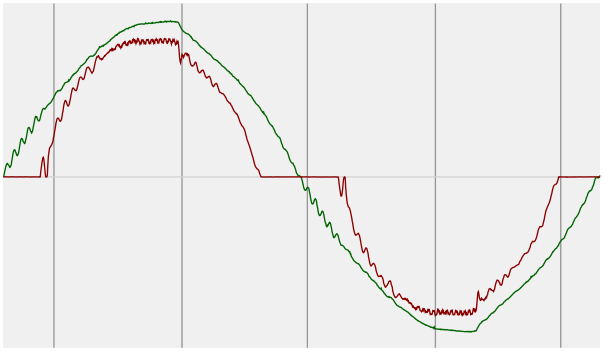
Voltage: 2,45%

Current: 24,14%

Spectra

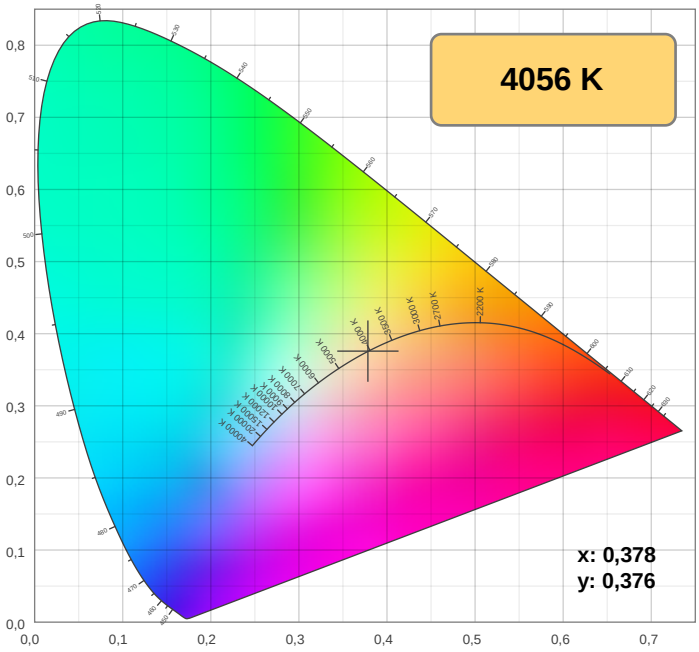


Power



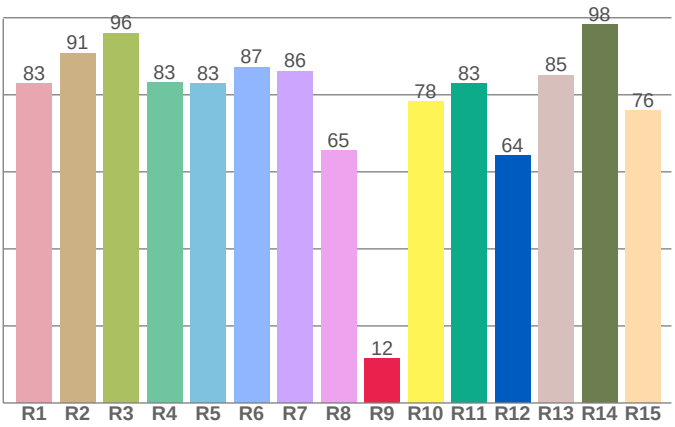
Voltage: 114 V
Current: 0,177 A
Frequency: 59,9 Hz

Color details



CIE 1931

CRI: 84,3 (R1-R8)

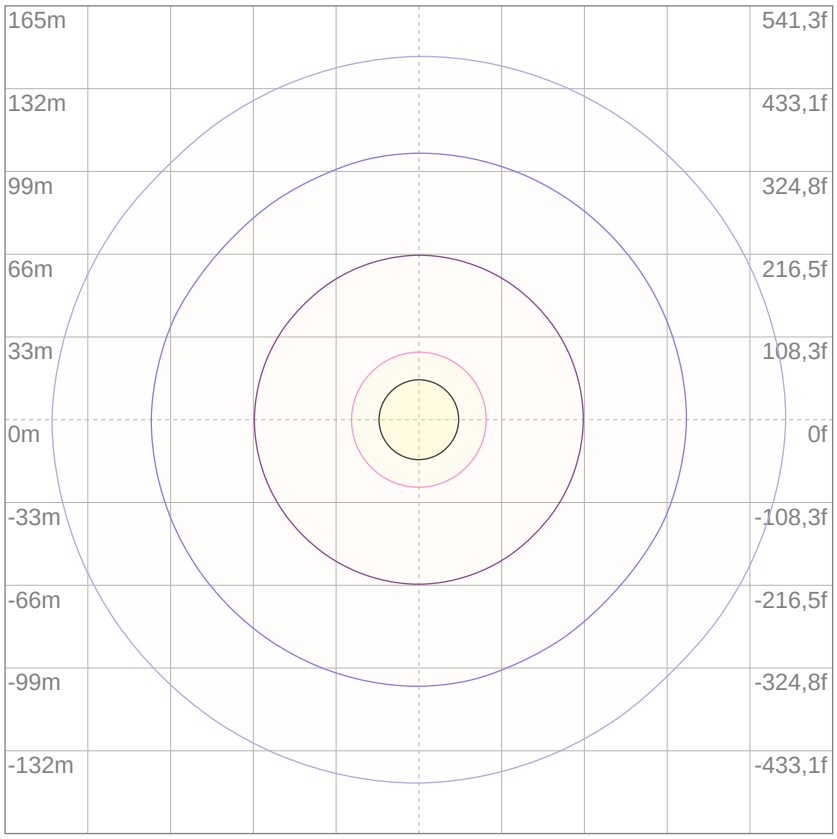


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
82,8	90,8	96,0	83,2	82,9	87,2	86,1	65,5	11,5	78,2	82,8	64,1	85,1	98,2	75,8

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3% 0,210 lx
5% 0,351 lx
10% 0,701 lx
30% 2,10 lx
50% 3,51 lx

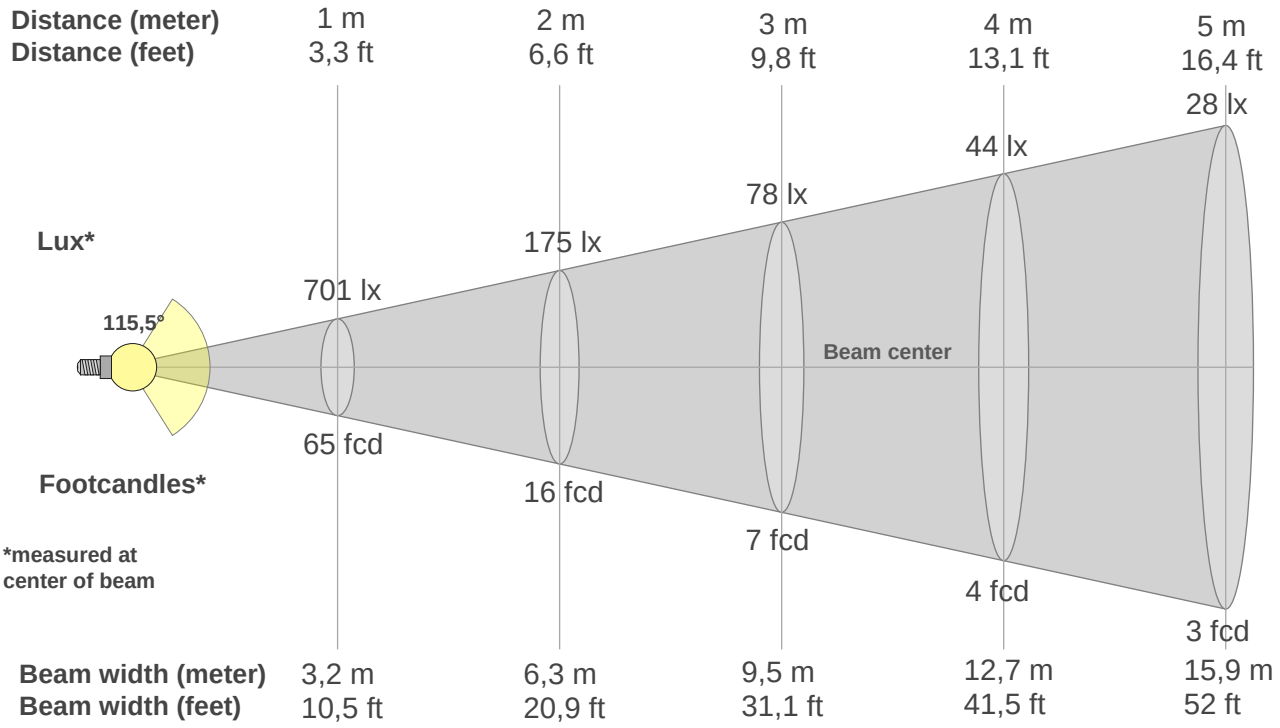
Conditions:

Number of c-planes: 8

Lux at center: 7,01 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
701lx	175lx	78lx	44lx	28lx	19lx	14lx	11lx	9lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx
65,1fcd	16,3fcd	7,2fcd	4,1fcd	2,6fcd	1,8fcd	1,3fcd	1fcd	0,8fcd	0,7fcd	0,5fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd

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°
701	698	689	674	655	630	599	564	525	481	433	381	325	266	205	144	85	32	1	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	69%	62%	54%	46%	38%	29%	21%	12%	4%	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°
701	700	691	677	657	632	601	566	527	482	434	382	326	267	206	144	85	31	2	0
100%	100%	99%	97%	94%	90%	86%	81%	75%	69%	62%	55%	46%	38%	29%	21%	12%	4%	0%	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°
701	698	689	674	655	630	599	564	525	481	433	381	325	266	205	144	85	32	1	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	69%	62%	54%	46%	38%	29%	21%	12%	4%	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°
701	700	691	677	657	632	601	566	527	482	434	382	326	267	206	144	85	31	2	0
100%	100%	99%	97%	94%	90%	86%	81%	75%	69%	62%	55%	46%	38%	29%	21%	12%	4%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
115,5°	162,6°	173°	78,0%	52,6%

TM30 details

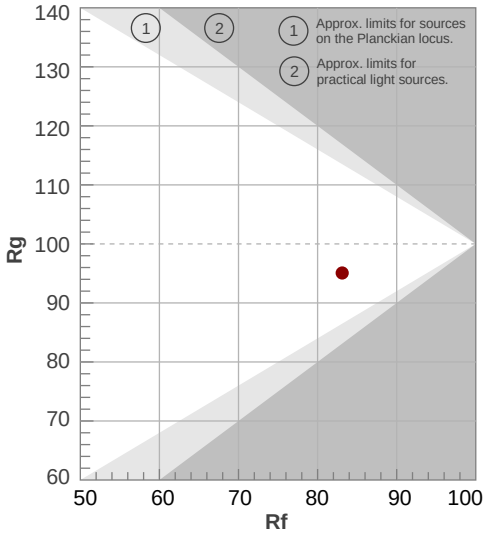
Rf 83,1

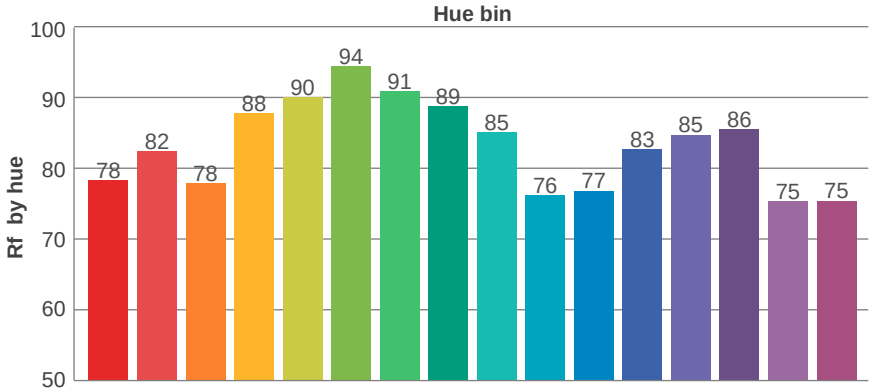
Fidelity index Rf

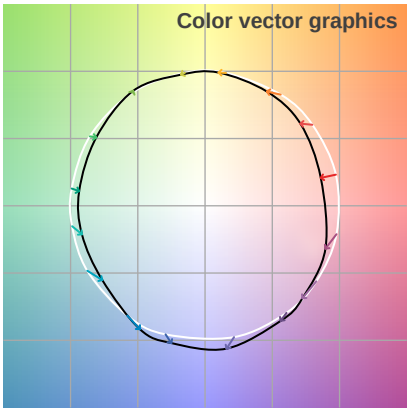
Rg 95,1

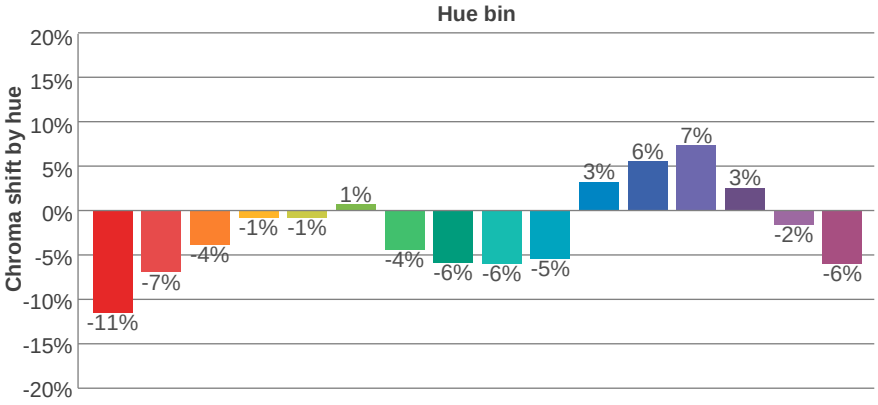
Gammut index Rg

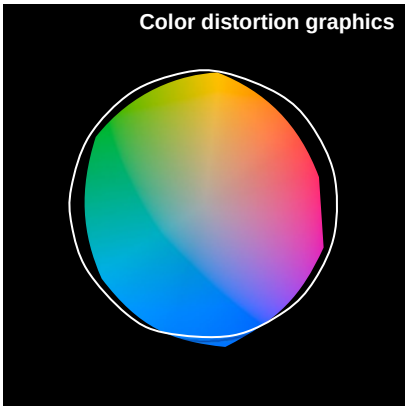
Hue Bin	R_f	Graphic shifts (%) Chroma	Hue
1	78	-11%	0%
2	82	-7%	6%
3	78	-4%	10%
4	88	-1%	5%
5	90	-1%	3%
6	94	1%	-1%
7	91	-4%	-2%
8	89	-6%	1%
9	85	-6%	7%
10	76	-5%	12%
11	77	3%	13%
12	83	6%	5%
13	85	7%	-7%
14	86	3%	-7%
15	75	-2%	-16%
16	75	-6%	-12%

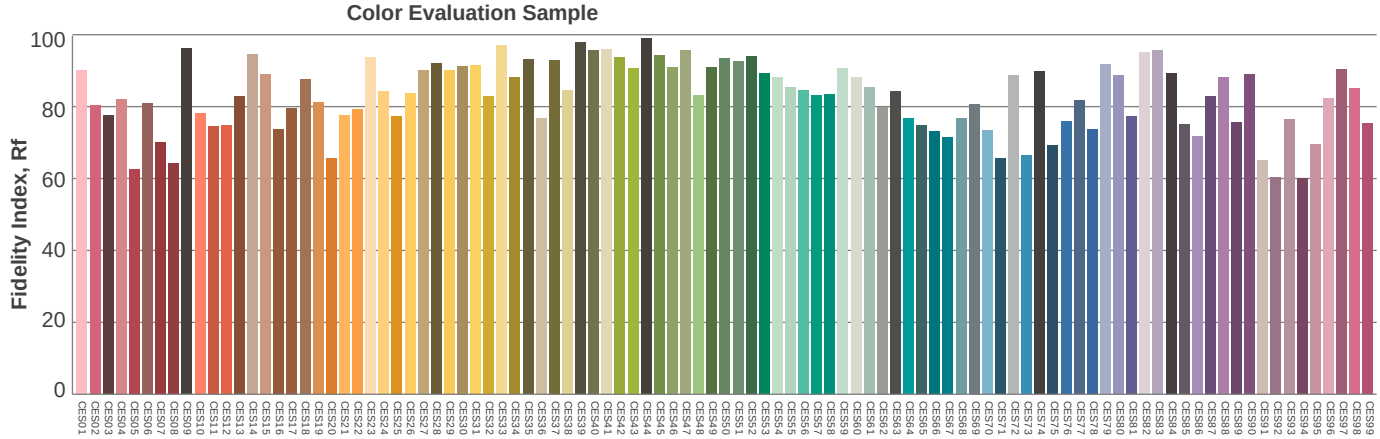












UGR

Glare Evaluation According to UGR

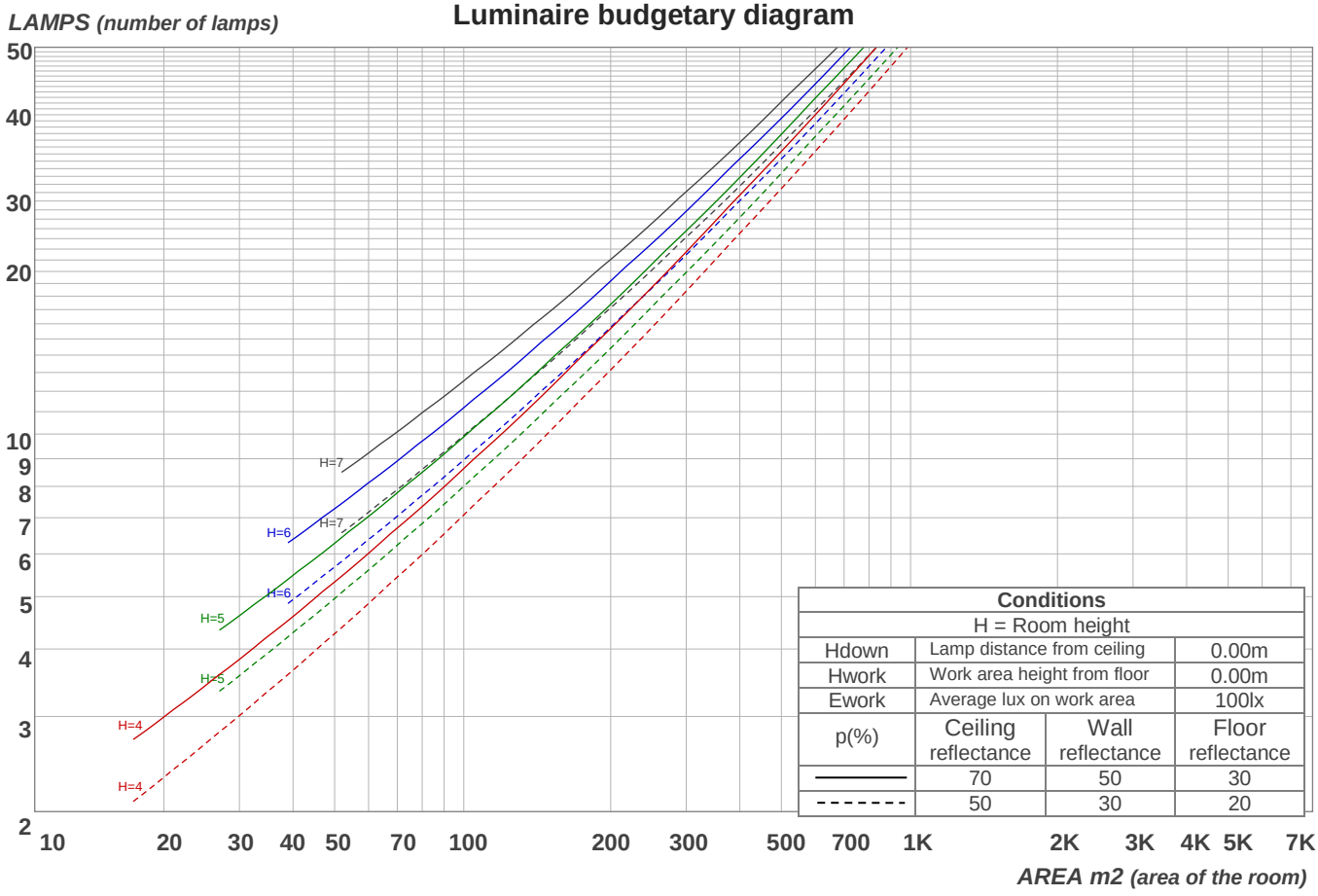
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	25,5	26,9	25,8	27,1	27,3	25,5	26,9	25,8	27,1	27,4
	3H	27,1	28,4	27,5	28,6	28,9	27,2	28,4	27,5	28,6	28,9
	4H	27,8	28,9	28,1	29,2	29,5	27,8	28,9	28,1	29,2	29,5
	6H	28,3	29,3	28,6	29,6	29,9	28,3	29,3	28,6	29,6	29,9
	8H	28,4	29,4	28,8	29,7	30,1	28,4	29,4	28,8	29,7	30,1
	12H	28,5	29,4	28,8	29,8	30,1	28,5	29,5	28,8	29,8	30,1
4H	2H	26,2	27,4	26,6	27,7	28,0	26,2	27,4	26,6	27,7	28,0
	3H	28,0	29,0	28,4	29,3	29,7	28,0	29,0	28,4	29,4	29,7
	4H	28,8	29,7	29,2	30,0	30,4	28,8	29,7	29,2	30,0	30,4
	6H	29,4	30,2	29,8	30,5	30,9	29,4	30,2	29,8	30,5	30,9
	8H	29,6	30,3	30,0	30,7	31,1	29,6	30,3	30,0	30,7	31,1
	12H	29,7	30,3	30,1	30,7	31,2	29,7	30,3	30,1	30,7	31,2
8H	4H	29,1	29,8	29,6	30,2	30,6	29,1	29,8	29,6	30,2	30,6
	6H	29,8	30,4	30,3	30,8	31,3	29,9	30,4	30,3	30,9	31,3
	8H	30,1	30,6	30,6	31,1	31,5	30,1	30,6	30,6	31,1	31,5
	12H	30,3	30,7	30,8	31,2	31,7	30,3	30,7	30,8	31,2	31,7
12H	4H	29,1	29,8	29,6	30,2	30,6	29,2	29,8	29,6	30,2	30,6
	6H	29,9	30,4	30,4	30,9	31,3	29,9	30,4	30,4	30,9	31,3
	8H	30,2	30,6	30,7	31,1	31,6	30,2	30,6	30,7	31,1	31,6
Variation of the observer position for the luminaire distance S											
S = 1,0H		+0,1 / -0,1					+0,1 / -0,1				
S = 1,5H		+0,2 / -0,3					+0,2 / -0,3				
S = 2,0H		+0,4 / -0,6					+0,4 / -0,6				
Standard table		BK06					BK06				
Correction summand		12,9					12,9				
Corrected glare indices referring to 2067 lm total luminous flux											

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	99	95	106	101	97	94	97	94	91	93	91	88	90	87	85	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	68	55	46	40	53	46	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	38	30	26	37	30	25	36	30	25	24

Luminaire budgetary diagram



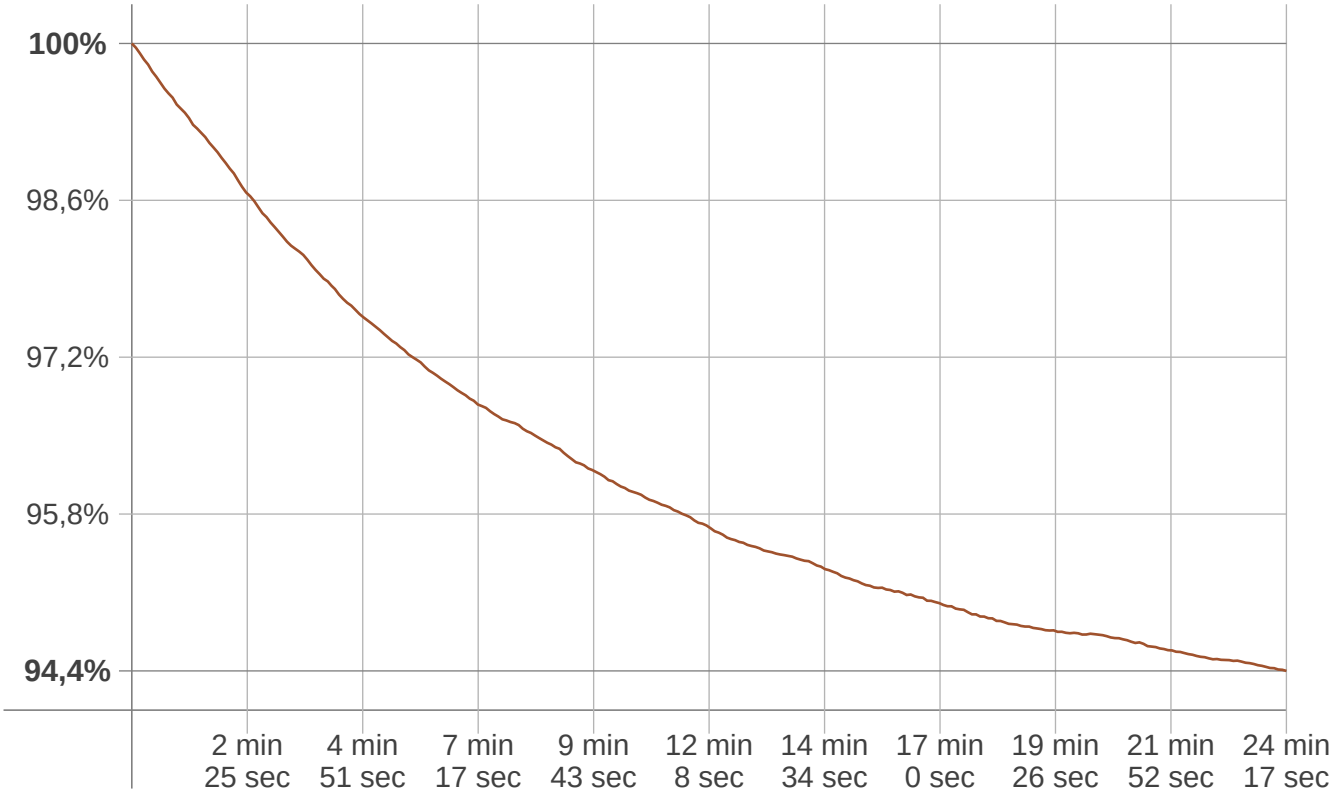
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
66,4 lm	191 lm	290 lm	353 lm	371 lm	340 lm	263 lm	152 lm	38,0 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,246 lm	0,219 lm	0,267 lm	0,286 lm	0,272 lm	0,236 lm	0,177 lm	0,110 lm	0,038 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	**24 min 17 sec**
Warmup variation	**-5,6%**

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
4009 K	**+47 K**	**4056 K**

Output change

Output start	Output change	Output end
2186 lm	**-119 lm**	**2067 lm**