

Light efficiency:

45 Lumen/Watt

Light quality:

CRI: 81,0

Color temperature:

3034 K

Output: 500 lm

Peak: 147 cd

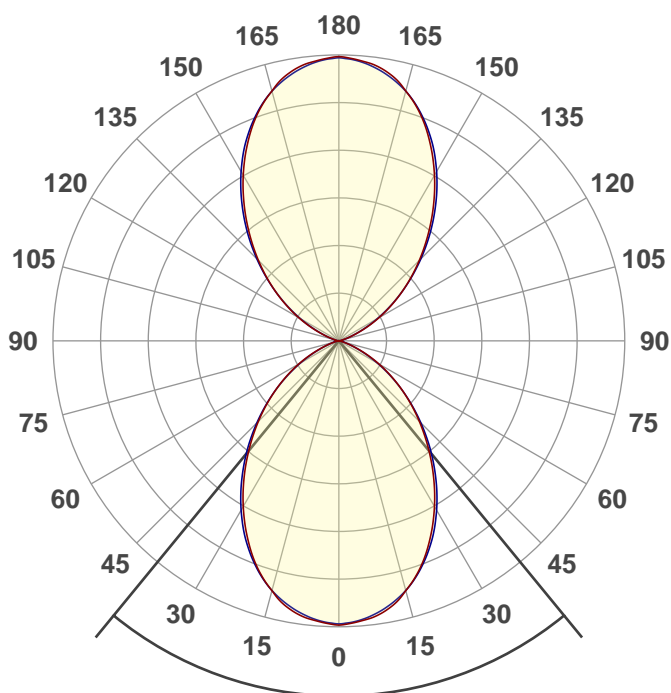
Power: 11,2 W

PF: 0,68



Product name:

E0185-8112A-1-BLED6W-GU10-3K-AM



Beam angle

78,7°



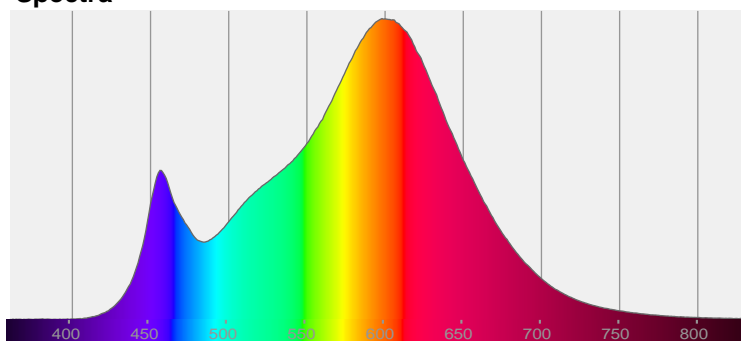
CIE 1931
x: 0,435
y: 0,403

THD Values:

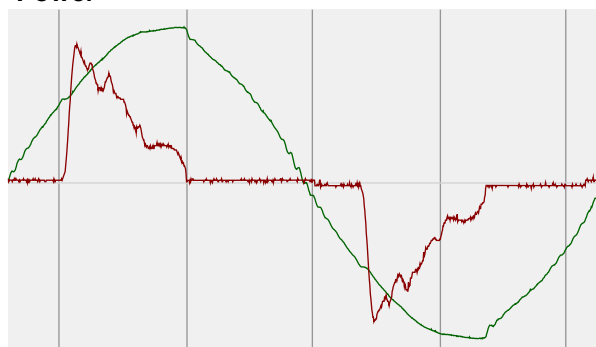
Voltage: 2,88%

Current: 79,92%

Spectra

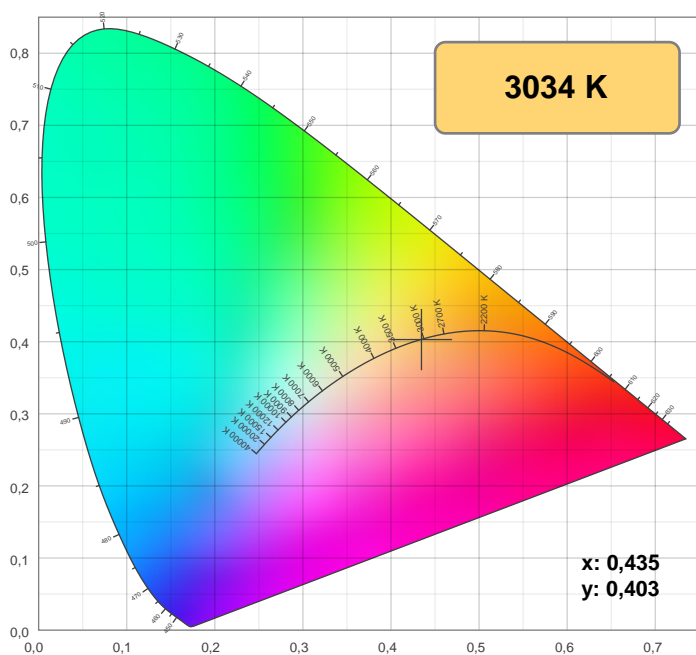


Power



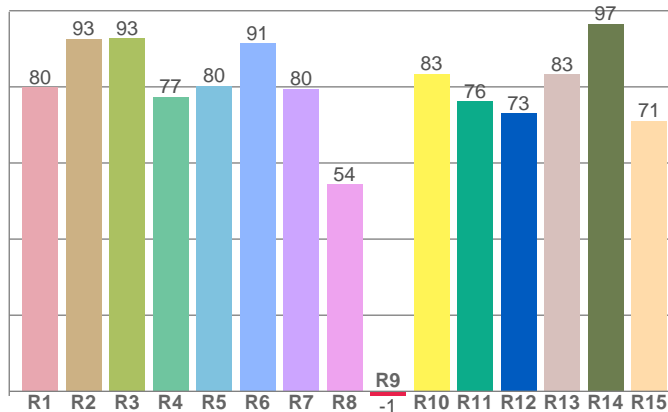
Voltage: 116 V
Current: 0,141 A
Frequency: 60 Hz

Color details



CIE 1931

CRI: 81,0 (R1-R8)

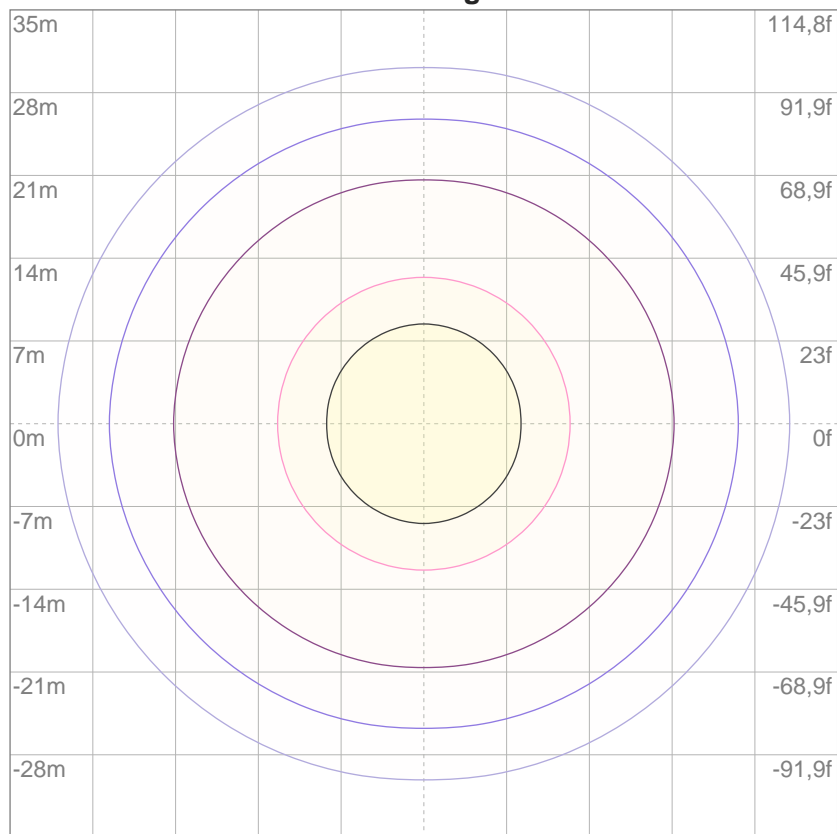


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
79,8	92,6	92,7	77,2	80,2	91,4	79,5	54,3	-1,2	83,4	76,1	73,0	83,2	96,5	71,0

ISO Diagrams

ISO lux diagram



3%	43,9m lx
5%	73,1m lx
10%	0,146 lx
30%	0,439 lx
50%	0,731 lx

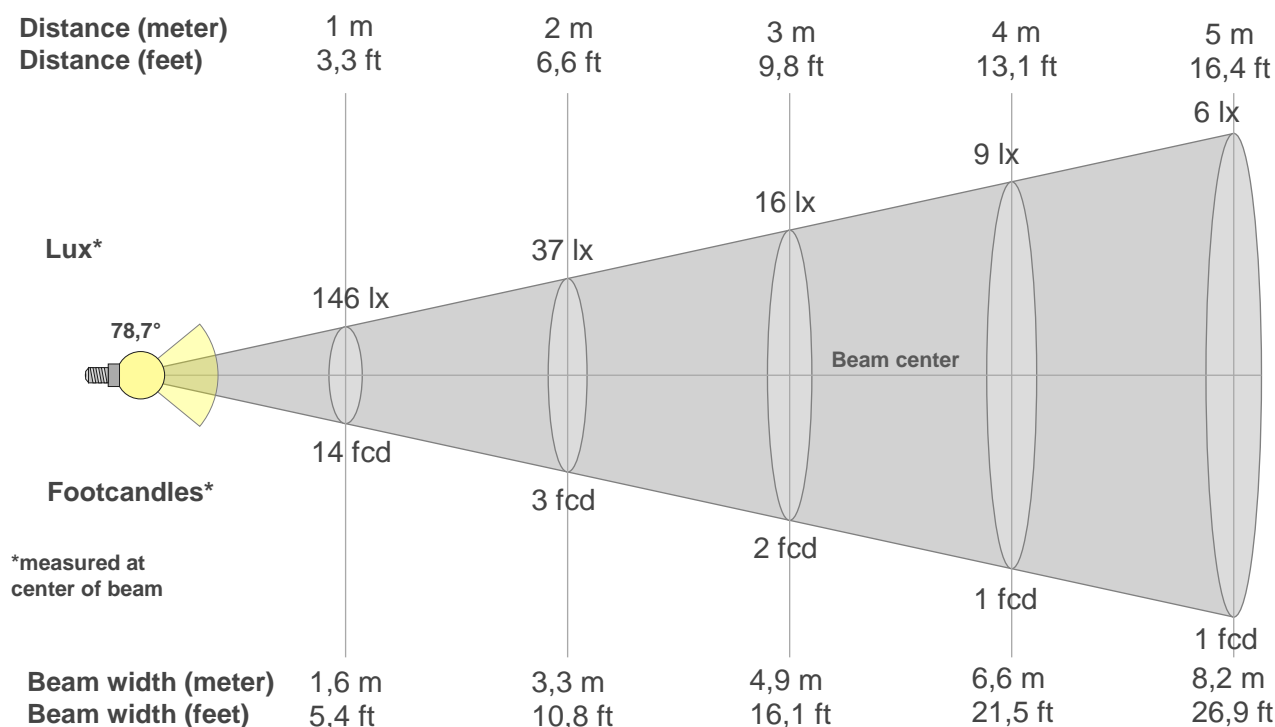
Conditions:

Number of c-planes: 4

Lux at center: 1,46 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
146lx	37lx	16lx	9lx	6lx	4lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx
13,6fcd	3,4fcd	1,5fcd	0,8fcd	0,5fcd	0,4fcd	0,3fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd	0fcd	0fcd	0fcd

Intensities in 0° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
146	142	128	107	82	59	37	18	4	1	0	1	4	18	37	59	82	107	128	142
100%	97%	87%	73%	56%	40%	25%	12%	3%	0%	0%	0%	3%	12%	25%	40%	56%	73%	87%	97%

Intensities in 90° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
146	141	128	109	85	60	37	17	4	1	0	1	4	17	37	60	85	109	128	141
100%	96%	88%	74%	58%	41%	25%	11%	3%	1%	0%	1%	3%	11%	25%	41%	58%	74%	88%	96%

Intensities in 180° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
146	142	128	107	82	59	37	18	4	1	0	1	4	18	37	59	82	107	128	142
100%	97%	87%	73%	56%	40%	25%	12%	3%	0%	0%	0%	3%	12%	25%	40%	56%	73%	87%	97%

Intensities in 270° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
146	141	128	109	85	60	37	17	4	1	0	1	4	17	37	60	85	109	128	141
100%	96%	88%	74%	58%	41%	25%	11%	3%	1%	0%	1%	3%	11%	25%	41%	58%	74%	88%	96%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
78,7°	360°	360°	46,6%	36,2%

TM30 details

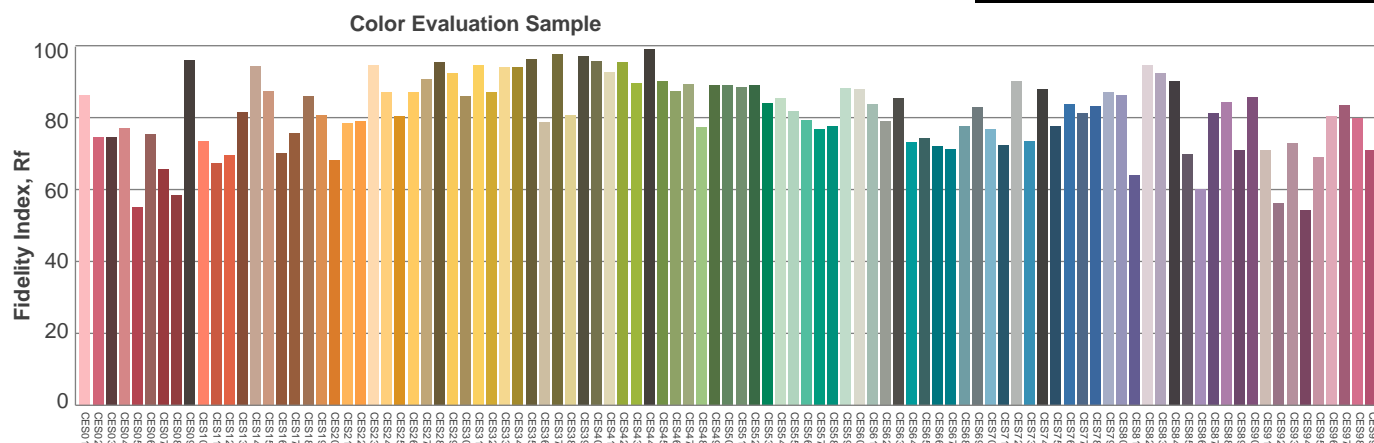
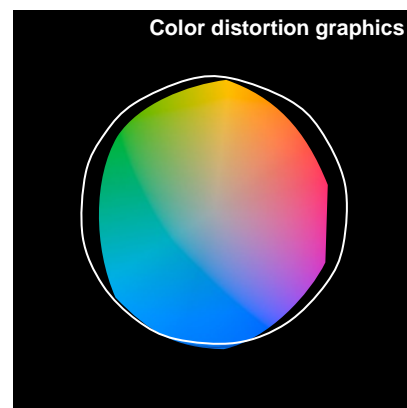
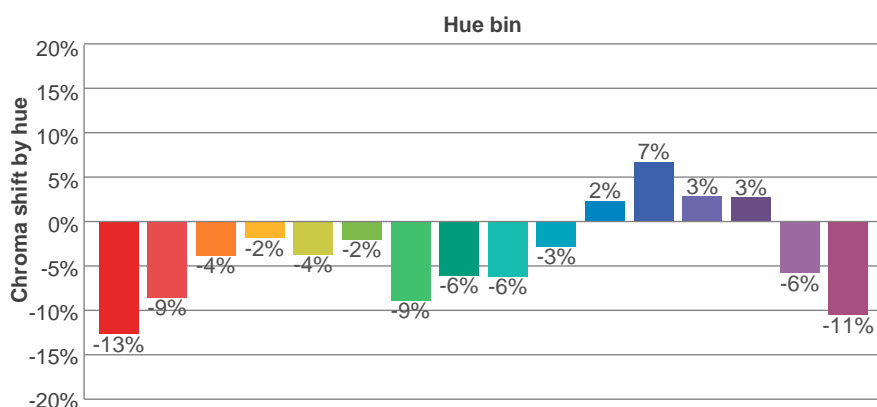
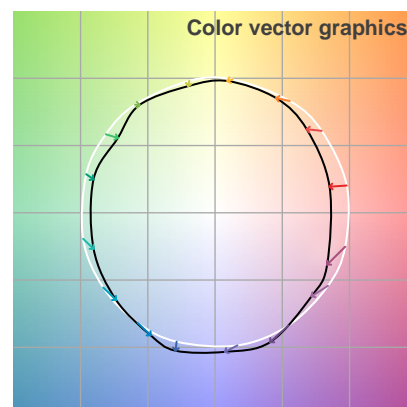
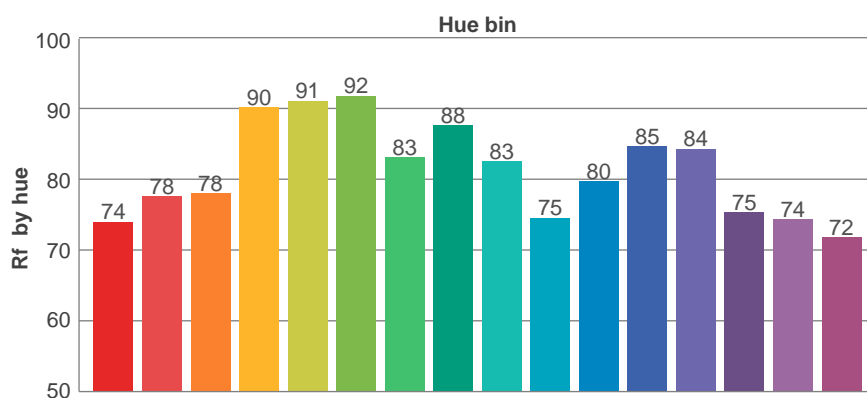
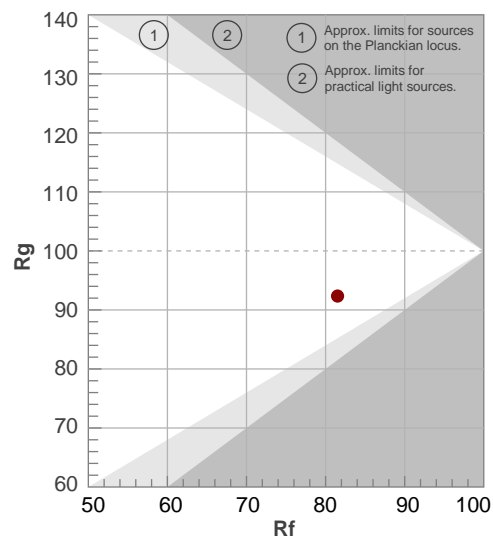
Rf 81,5

Fidelity index Rf

Rg 92,4

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	74	-13%	2%
2	78	-9%	7%
3	78	-4%	10%
4	90	-2%	4%
5	91	-4%	2%
6	92	-2%	-3%
7	83	-9%	-3%
8	88	-6%	3%
9	83	-6%	9%
10	75	-3%	13%
11	80	2%	13%
12	85	7%	1%
13	84	3%	-10%
14	75	3%	-18%
15	74	-6%	-13%
16	72	-11%	-16%



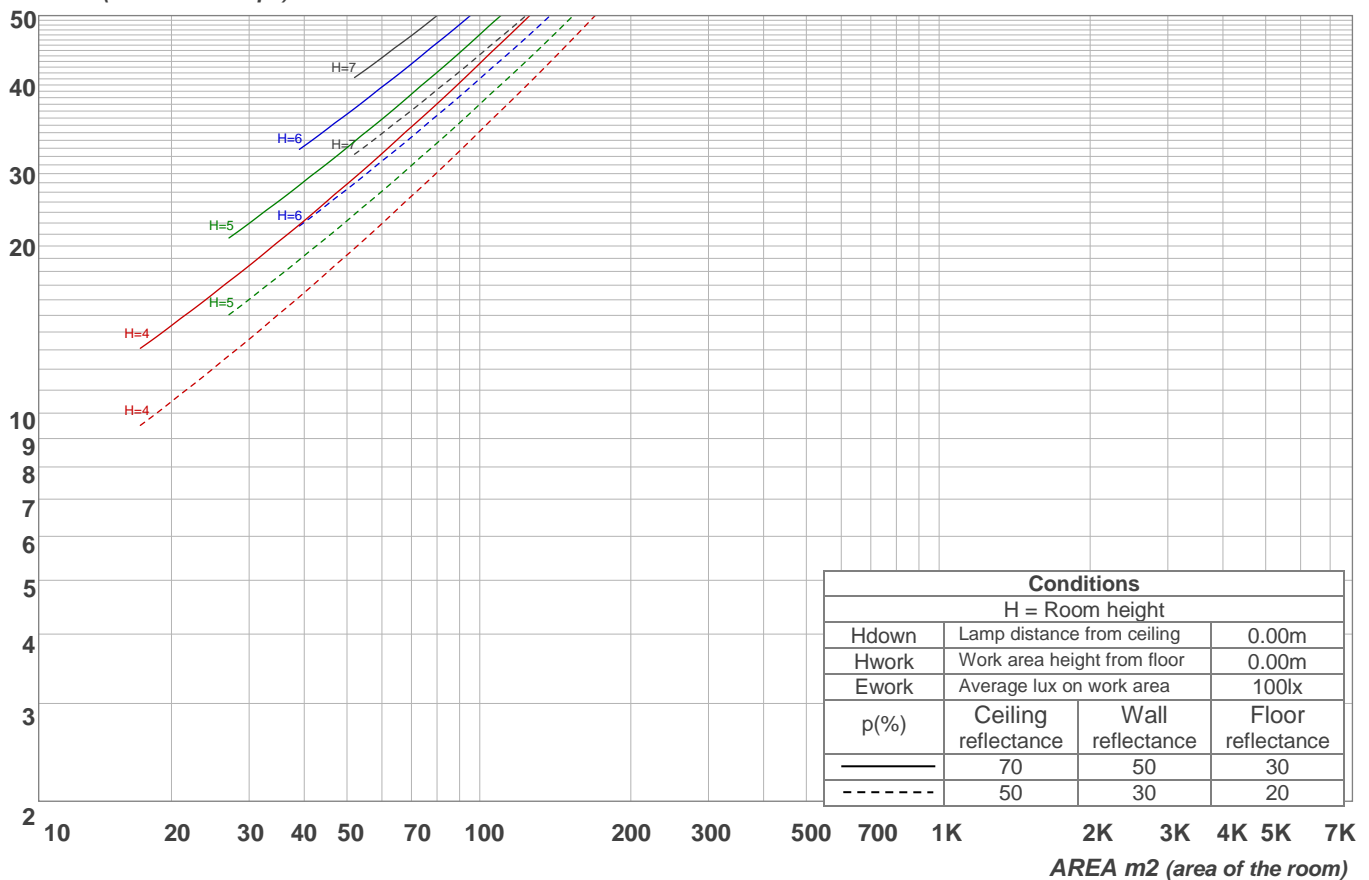
Light planning

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	99	95	92	89	91	88	85	83	75	73	71	63	61	60	52	51	50	45
2	91	85	79	74	84	78	74	70	67	64	61	57	54	52	47	45	44	39
3	84	75	69	63	77	70	64	60	60	56	52	51	48	45	42	40	39	35
4	77	67	60	55	71	63	56	52	54	49	46	46	43	40	39	36	34	31
5	71	61	53	47	66	57	50	45	49	44	40	42	38	35	35	33	30	27
6	66	55	47	42	61	51	44	40	45	39	35	38	34	31	32	30	27	25
7	61	50	42	37	57	47	40	35	41	35	32	35	31	28	30	27	25	22
8	57	45	38	33	53	43	36	31	37	32	28	32	28	25	28	25	22	20
9	53	42	35	30	49	39	33	28	34	29	26	30	26	23	26	23	20	18
10	50	38	31	27	46	36	30	26	32	27	23	28	24	21	24	21	19	17

LAMPS (number of lamps)

Luminaire budgetary diagram

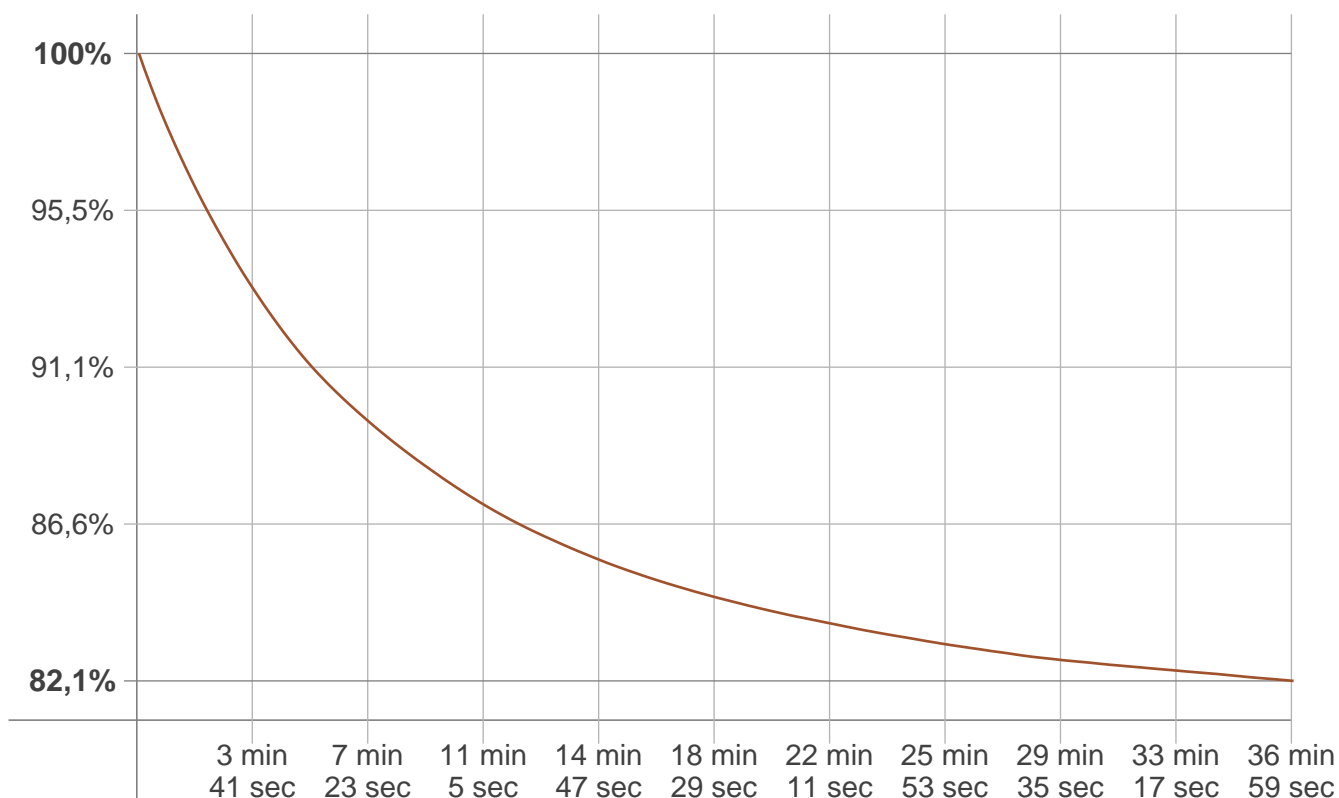


Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
13,7 lm	37,4 lm	51,6 lm	53,8 lm	45,7 lm	30,8 lm	13,8 lm	2,78 lm	0,502 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,502 lm	2,78 lm	13,8 lm	30,8 lm	45,7 lm	53,8 lm	51,6 lm	37,4 lm	13,7 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	37 min 3 sec
Warmup variation	-18,0%

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
2975 K	+59 K	3034 K

Output change

Output start	Output change	Output end
607 lm	-107 lm	500 lm