

Light efficiency:

97 Lumen/Watt

Light quality:

CRI: 83,3

Color temperature:

3978 K

Output: 5514 lm

Peak: 2129 cd

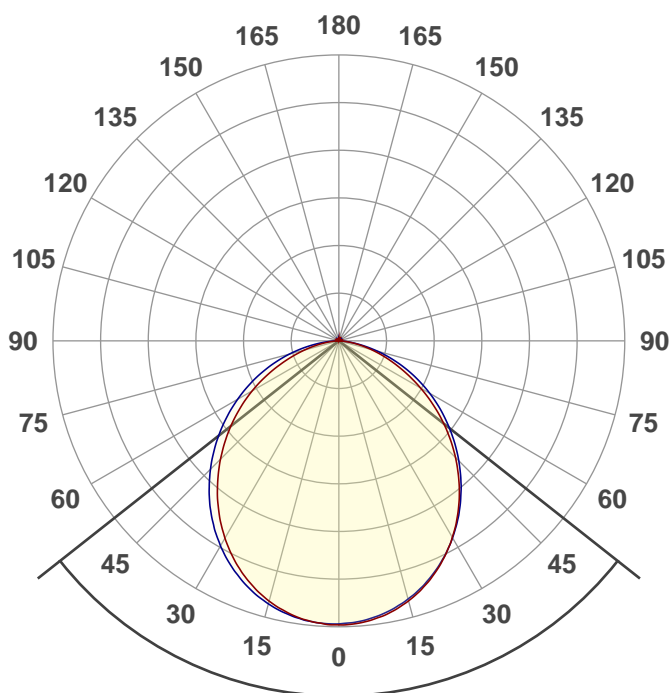
Power: 56,6 W

PF: 1,0



Product name:

E0265-ARTEM-S-2x26.8W-PH-4K-OPA
02



Beam angle

103,4°



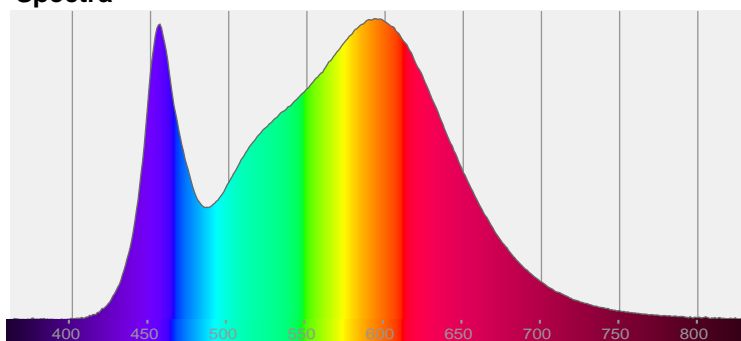
CIE 1931
x: 0,382
y: 0,377

THD Values:

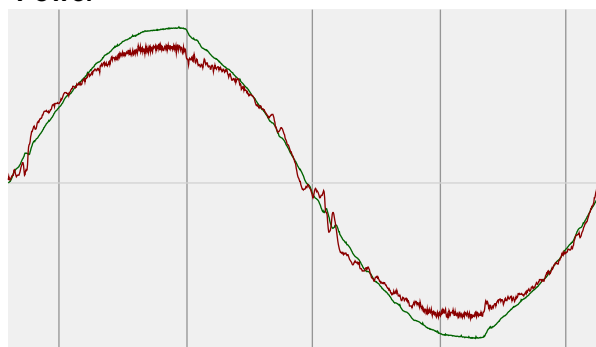
Voltage: 1,9%

Current: 8,18%

Spectra

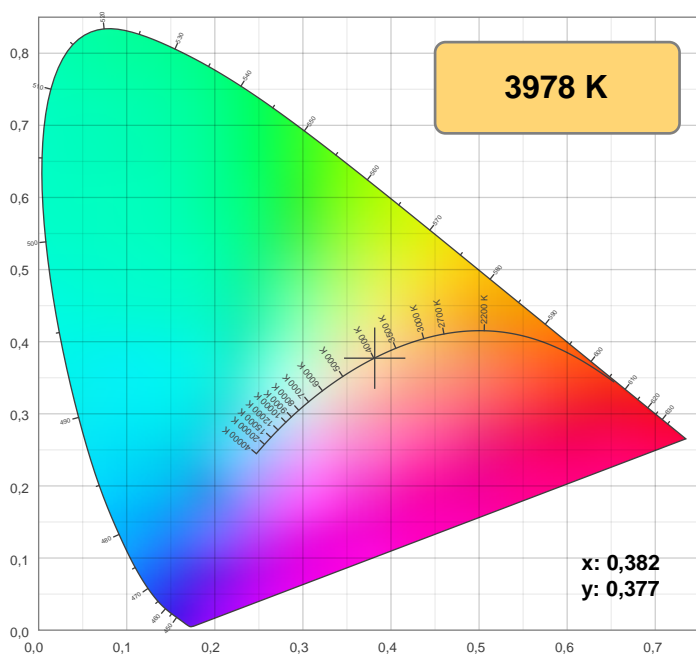


Power



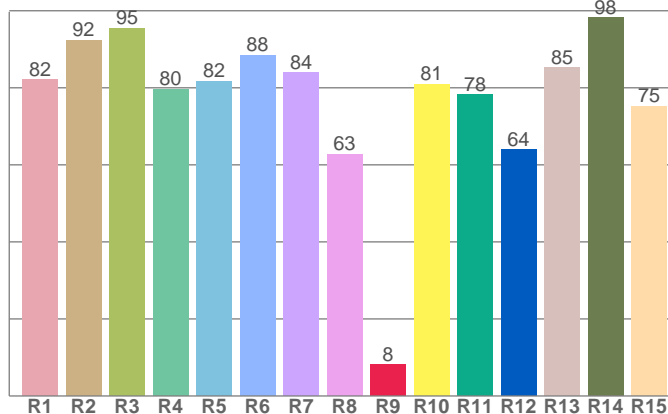
Voltage: 111 V
Current: 0,513 A
Frequency: 60,1 Hz

Color details



CIE 1931

CRI: 83,3 (R1-R8)

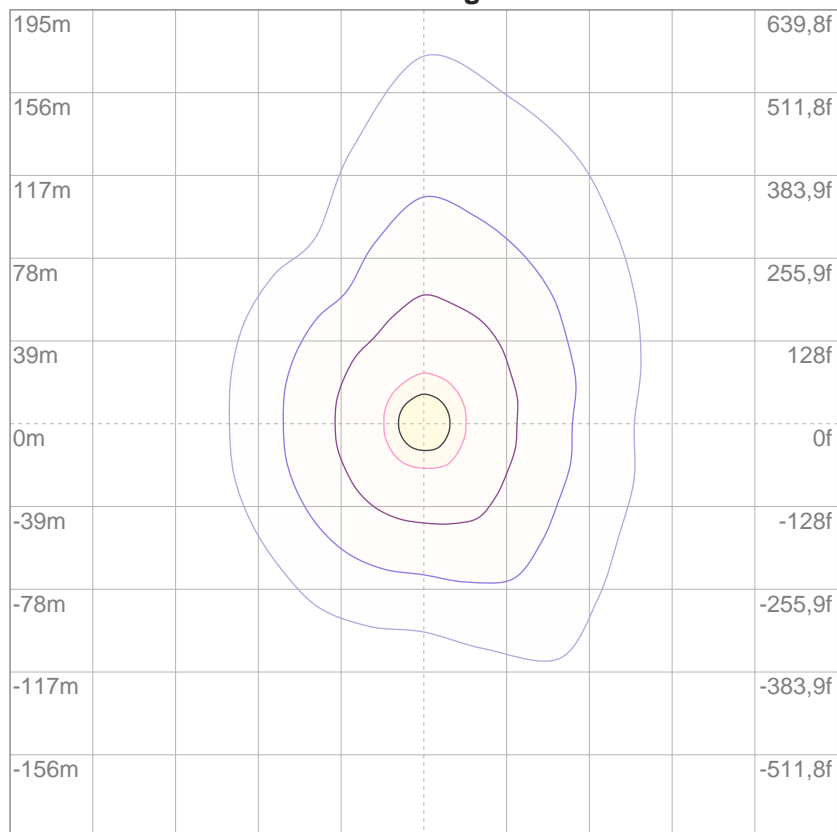


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
82,1	92,4	95,5	79,7	81,7	88,5	83,9	62,7	8,1	80,9	78,2	64,0	85,2	98,2	75,2

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

- 3% 0,637 lx
- 5% 1,06 lx
- 10% 2,12 lx
- 30% 6,37 lx
- 50% 10,6 lx

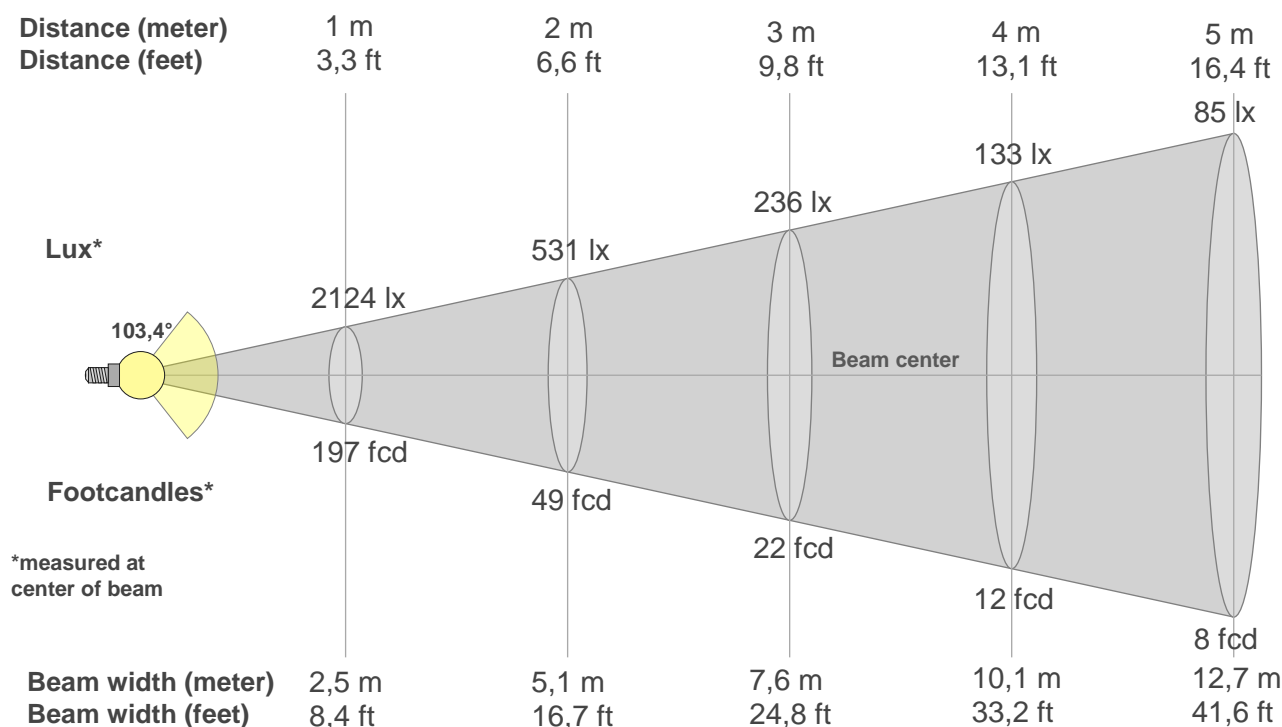
Conditions:

Number of c-planes: 12

Lux at center: 21,2 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
2124lx	531lx	236lx	133lx	85lx	59lx	43lx	33lx	26lx	21lx	18lx	15lx	13lx	11lx	9lx	8lx	7lx	7lx	6lx	5lx
197,3fcd	49,3fcd	21,9fcd	12,3fcd	7,9fcd	5,5fcd	4fcd	3,1fcd	2,4fcd	2fcd	1,6fcd	1,4fcd	1,2fcd	1fcd	0,9fcd	0,8fcd	0,7fcd	0,6fcd	0,5fcd	0,5fcd

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°
2124	2116	2079	2017	1933	1827	1700	1558	1402	1236	1062	885	707	538	385	250	135	46	9	8
100%	100%	98%	95%	91%	86%	80%	73%	66%	58%	50%	42%	33%	25%	18%	12%	6%	2%	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°
2124	2104	2064	2003	1921	1821	1704	1571	1426	1271	1111	950	786	622	457	299	156	50	10	9
100%	99%	97%	94%	90%	86%	80%	74%	67%	60%	52%	45%	37%	29%	22%	14%	7%	2%	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°
2124	2116	2080	2019	1934	1831	1707	1567	1415	1254	1089	920	750	577	412	268	147	53	9	8
100%	100%	98%	95%	91%	86%	80%	74%	67%	59%	51%	43%	35%	27%	19%	13%	7%	2%	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°
2124	2115	2088	2040	1971	1881	1774	1649	1511	1361	1204	1040	876	712	546	384	231	100	21	9
100%	100%	98%	96%	93%	89%	84%	78%	71%	64%	57%	49%	41%	34%	26%	18%	11%	5%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
103,4°	156°	170,8°	80,6%	56,4%

TM30 details

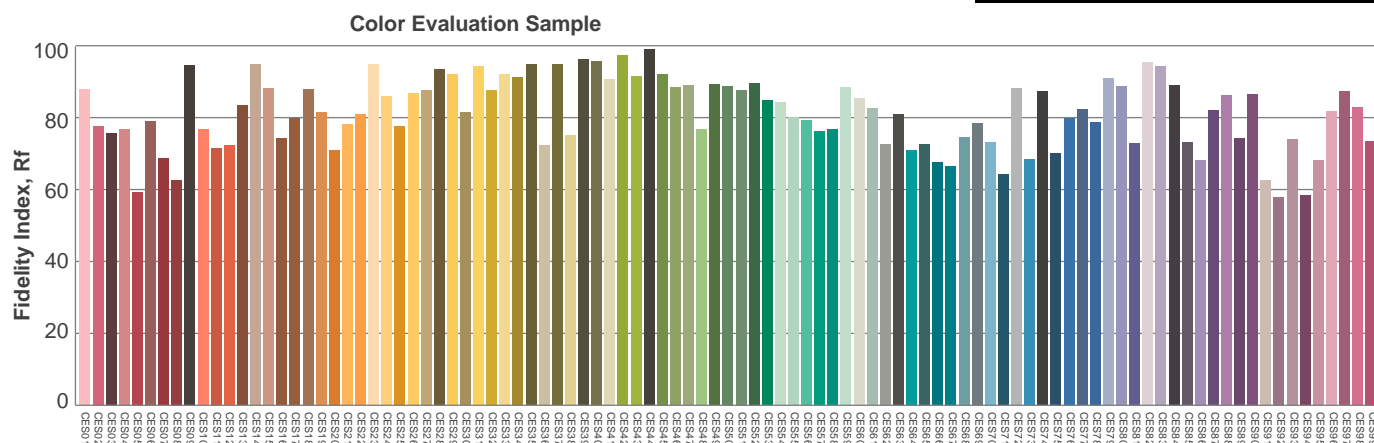
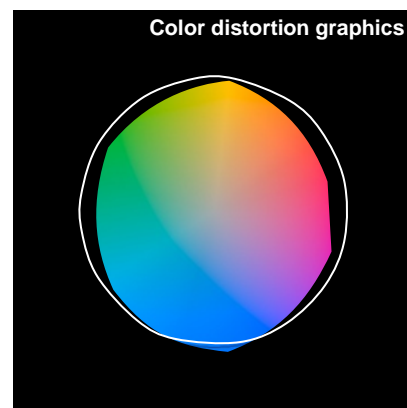
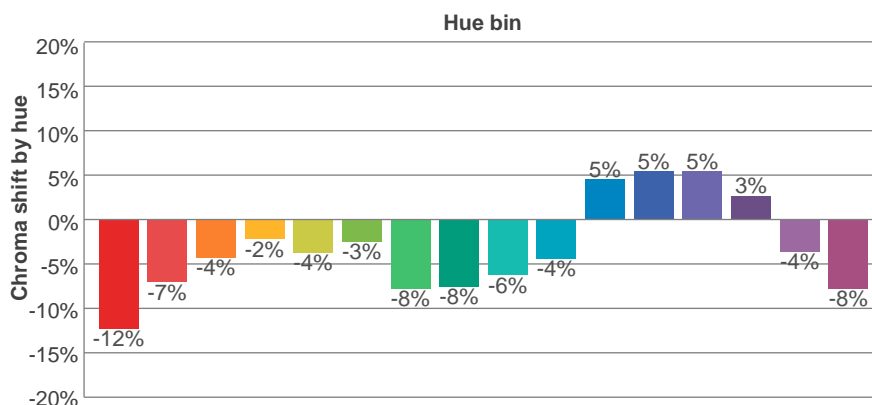
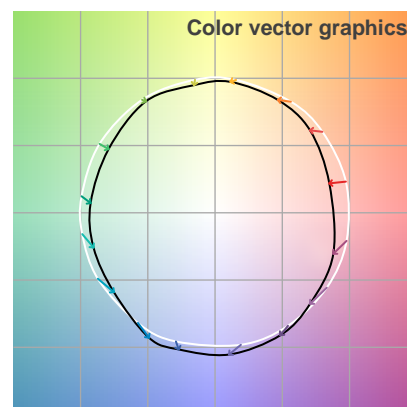
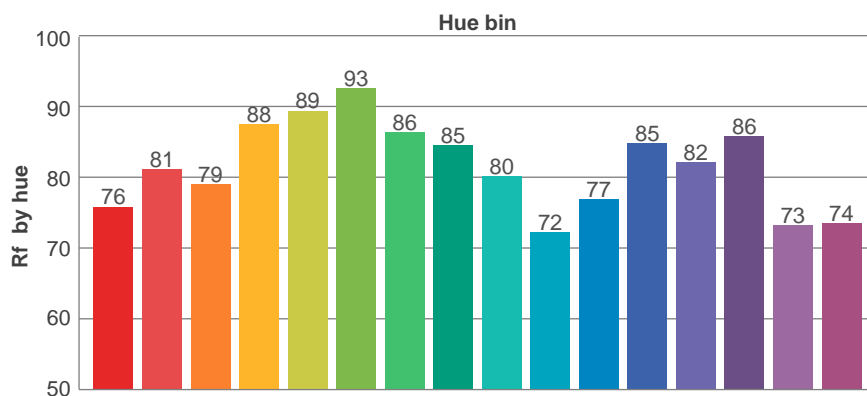
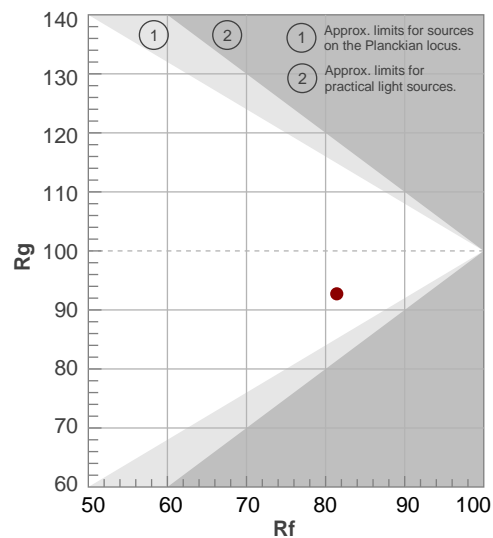
Rf 81,4

Fidelity index Rf

Rg 92,7

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	76	-12%	1%
2	81	-7%	6%
3	79	-4%	9%
4	88	-2%	4%
5	89	-4%	1%
6	93	-3%	-2%
7	86	-8%	0%
8	85	-8%	4%
9	80	-6%	11%
10	72	-4%	15%
11	77	5%	13%
12	85	5%	3%
13	82	5%	-10%
14	86	3%	-9%
15	73	-4%	-17%
16	74	-8%	-11%



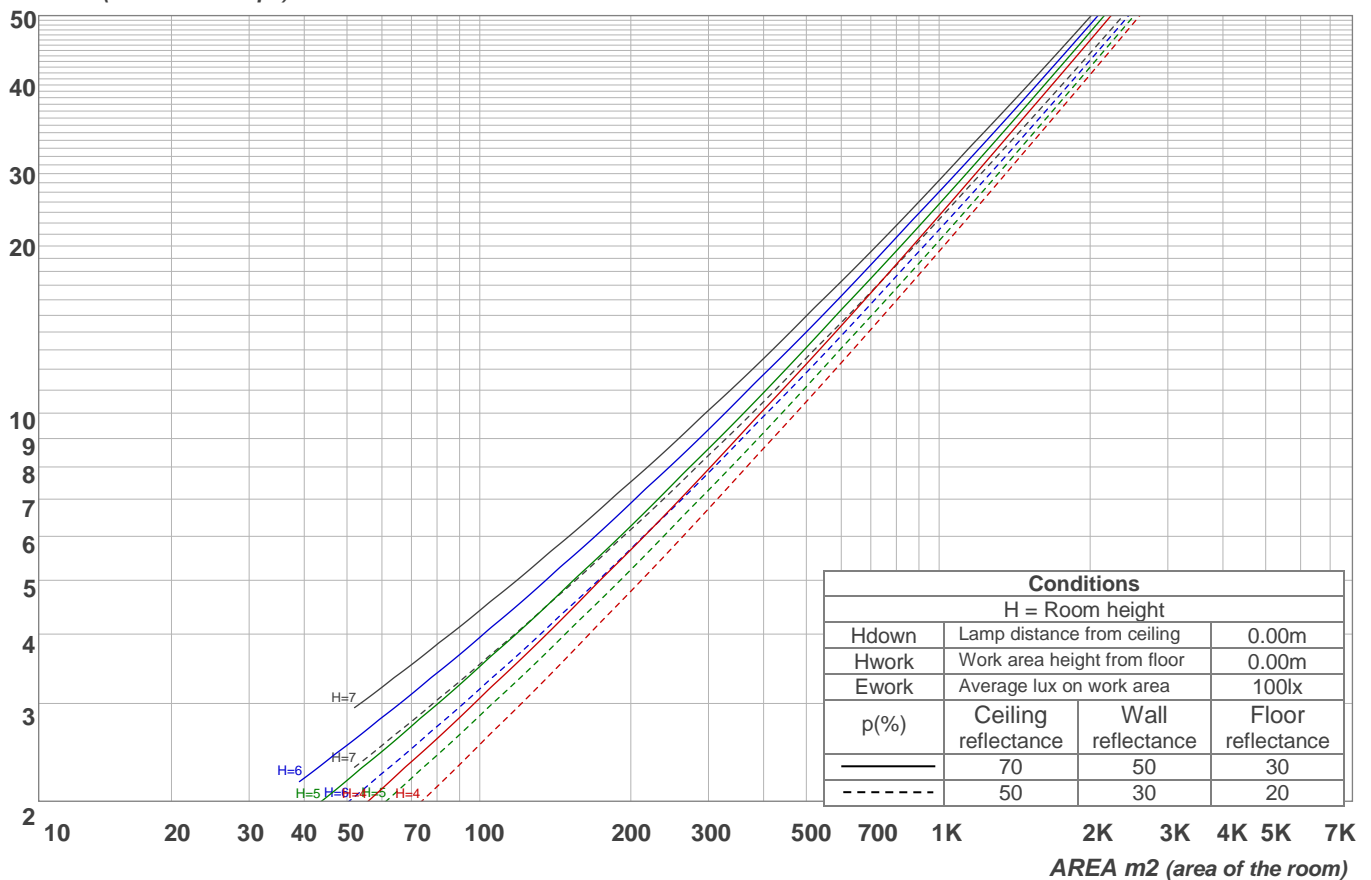
Light planning

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	110	110	110	106	106	106	101	101	101	99
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	92	85	79	97	90	83	78	86	81	76	82	78	74	79	76	73	70
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	70	66	62	60
4	83	72	63	57	81	70	62	56	68	61	55	65	59	54	63	58	54	51
5	77	64	55	49	75	63	55	49	61	54	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	43	37	33	31
9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	31	27	26

LAMPS (number of lamps)

Luminaire budgetary diagram

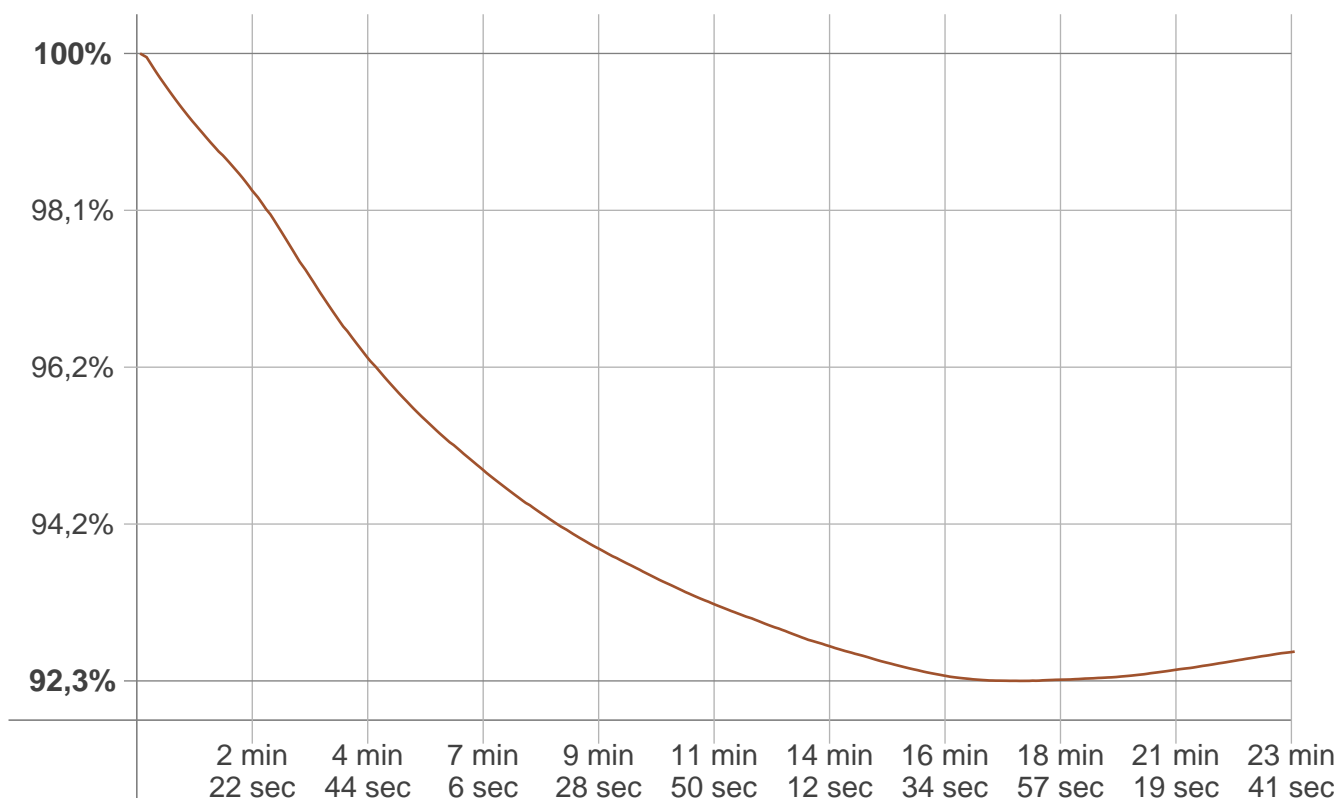


Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
200 lm	569 lm	847 lm	992 lm	988 lm	851 lm	610 lm	319 lm	75,6 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
9,73 lm	8,36 lm	8,54 lm	8,63 lm	8,30 lm	7,50 lm	6,08 lm	4,01 lm	1,40 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	23 min 45 sec
Warmup variation	-7,7%

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
3893 K	+85 K	3978 K

Output change

Output start	Output change	Output end
5919 lm	-405 lm	5514 lm