

Light efficiency:

**124 Lumen/Watt**

Light quality:

**CRI: 93,3**

Color temperature:

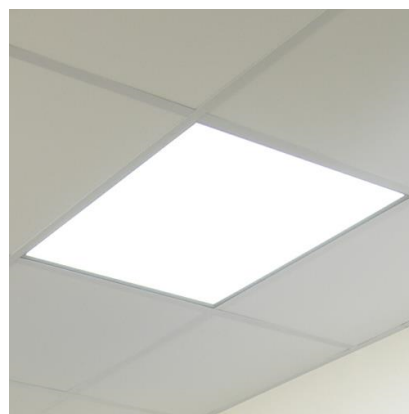
**4101 K**

**Output: 4269 lm**

**Peak: 2007 cd**

**Power: 34,3 W**

**PF: 0,96**



Tracking number: [n/a](#)

Product name:

**Plata CCT Dipswitch 620x620 4000k 35W**

Item number:

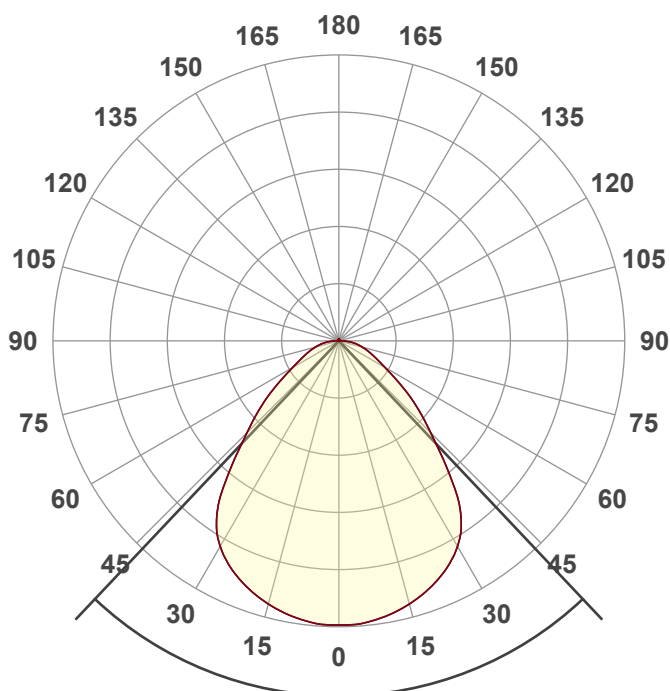
Date and time:

**30-5-2023 15:57:47**

Description:

**PL-6262BL-H-365**

**3.10.0538 Driver 900mA**



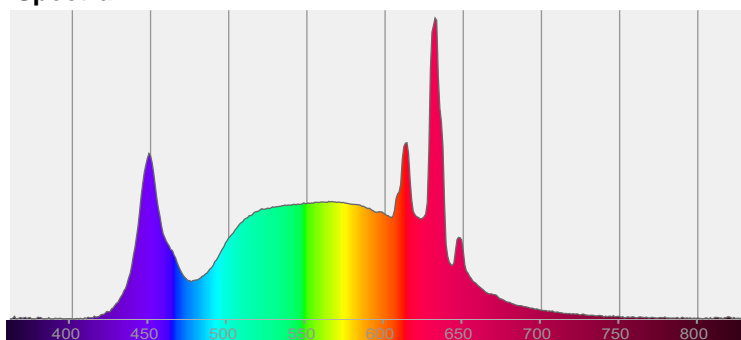
Beam angle

**86,8°**

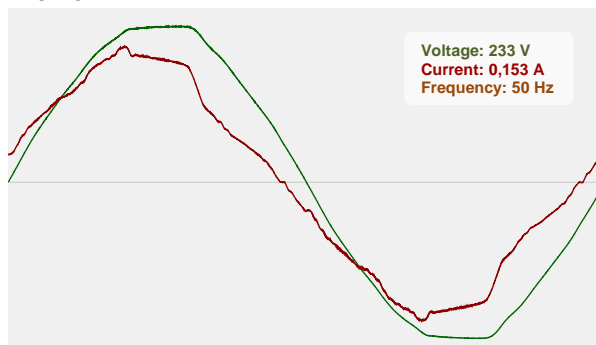


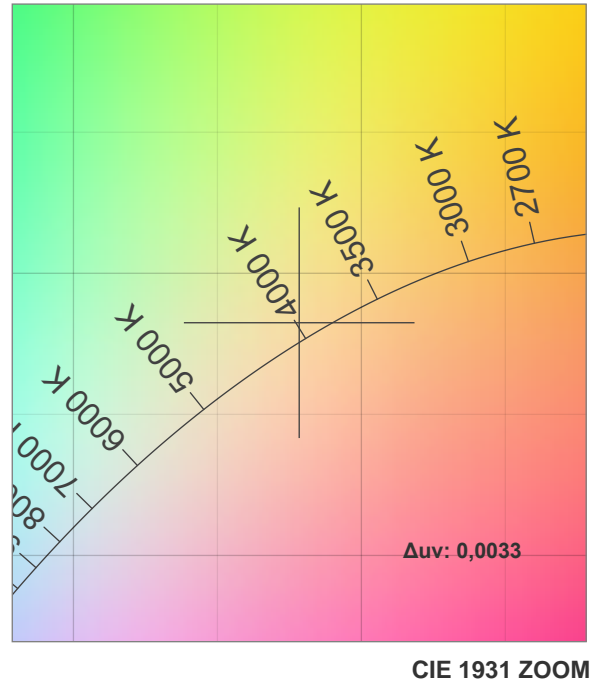
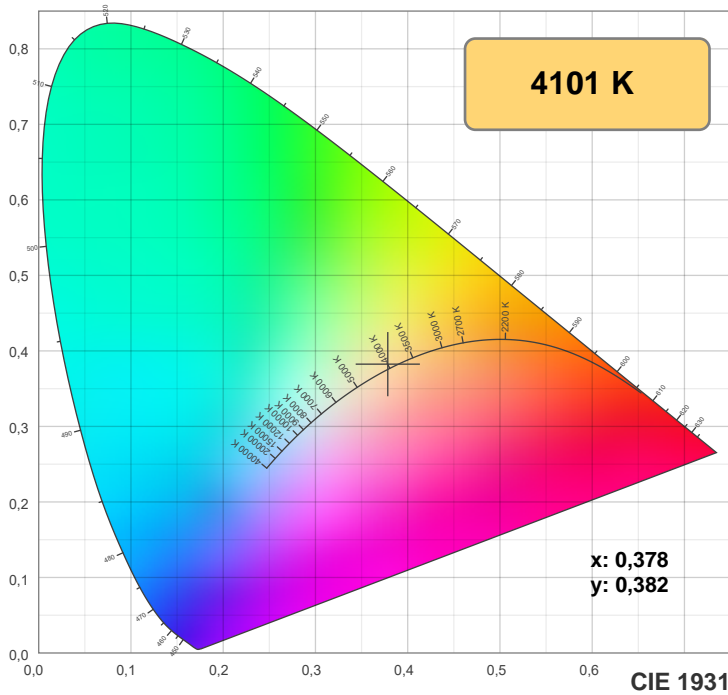
CIE 1931  
x: 0,378  
y: 0,382

Spectra

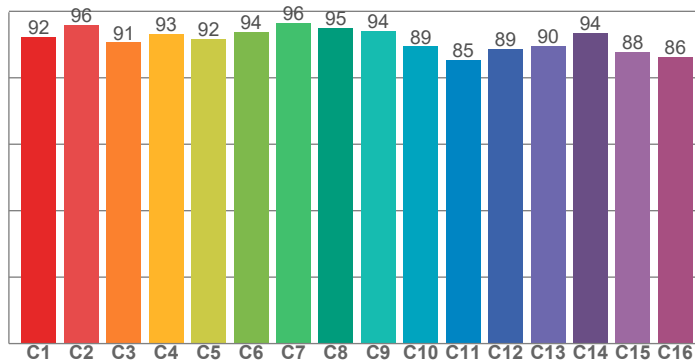


Power

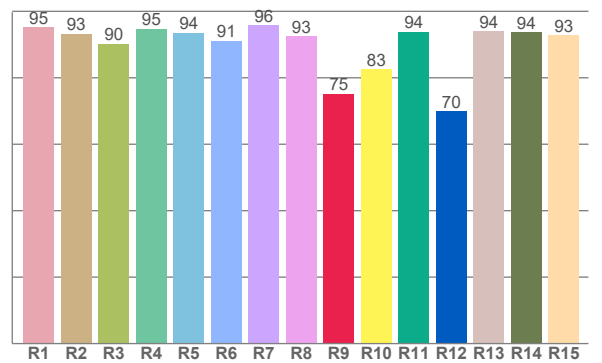




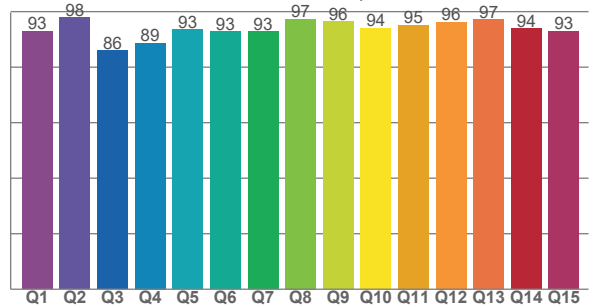
**TM-30: 91,3**



**CRI: 93,3 (R1-R8)**



**CQS: 93,1**



**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
95,1	93,2	90,2	94,8	93,5	91,1	95,8	92,5	75,2	82,6	93,8	70,0	94,0	93,8	92,8

**TM30 C values, 16 binned values out of total of 99 C values**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,4	95,9	90,6	93,3	91,7	93,9	96,5	94,9	94,1	89,5	85,3	88,6	89,6	93,5	87,8	86,3

**CQS Q values**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,9	97,9	86,0	88,7	93,5	92,8	92,8	97,3	96,5	94,0	95,2	96,3	97,2	93,9	92,9

## 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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
4101 K	93,3	75,2	91,3	101,0	93,1	0,378	0,382	0,222	0,336	0,0033

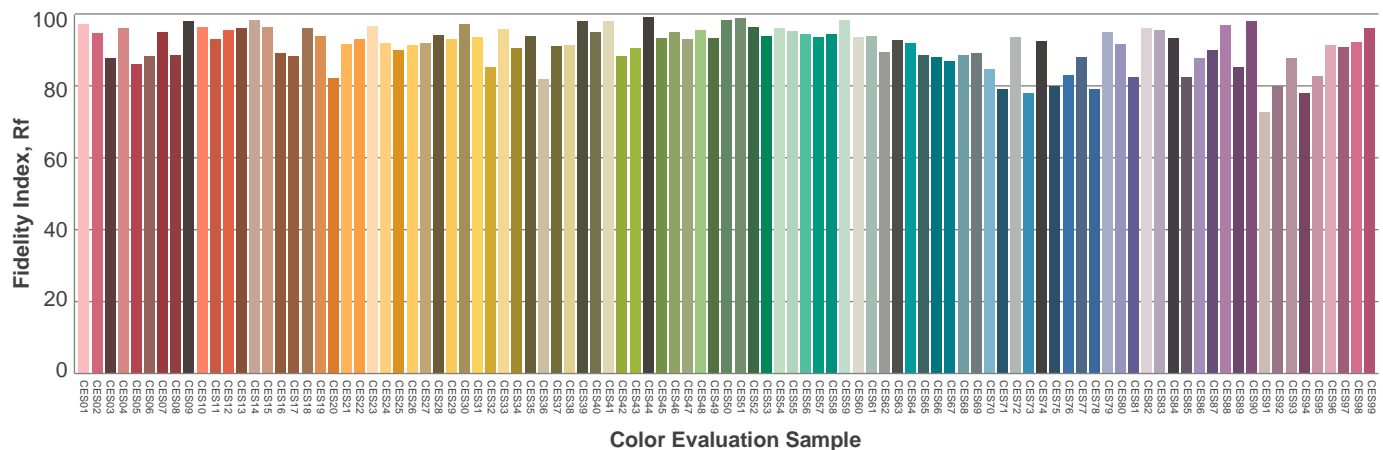
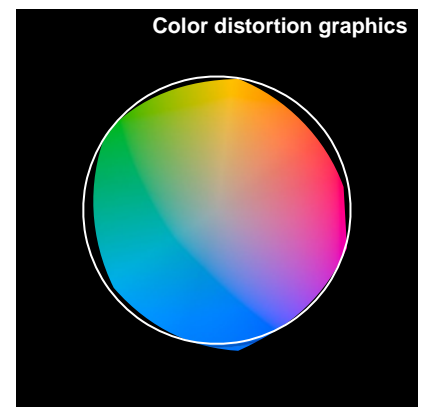
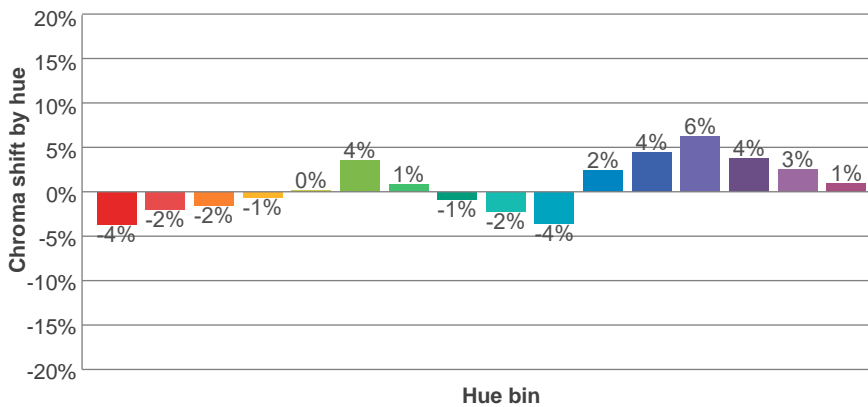
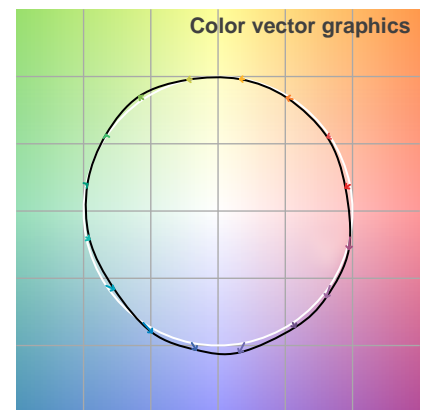
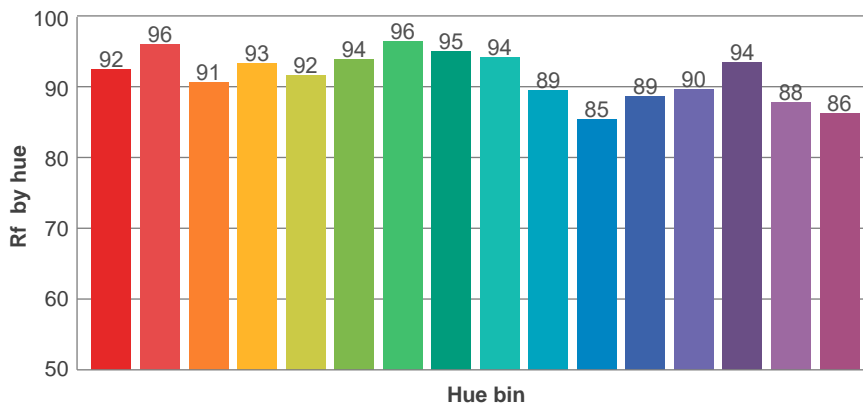
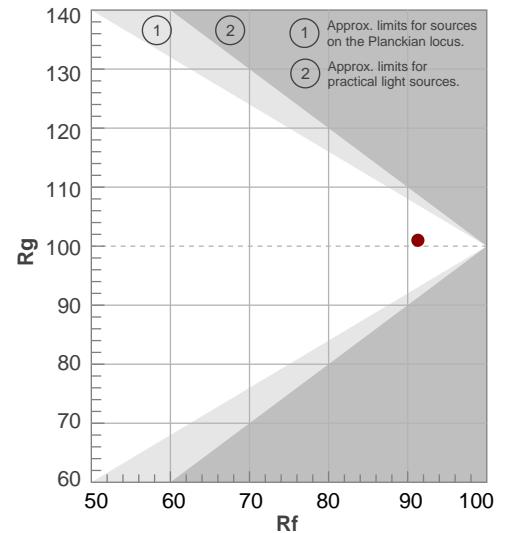
**Rf 91,3**

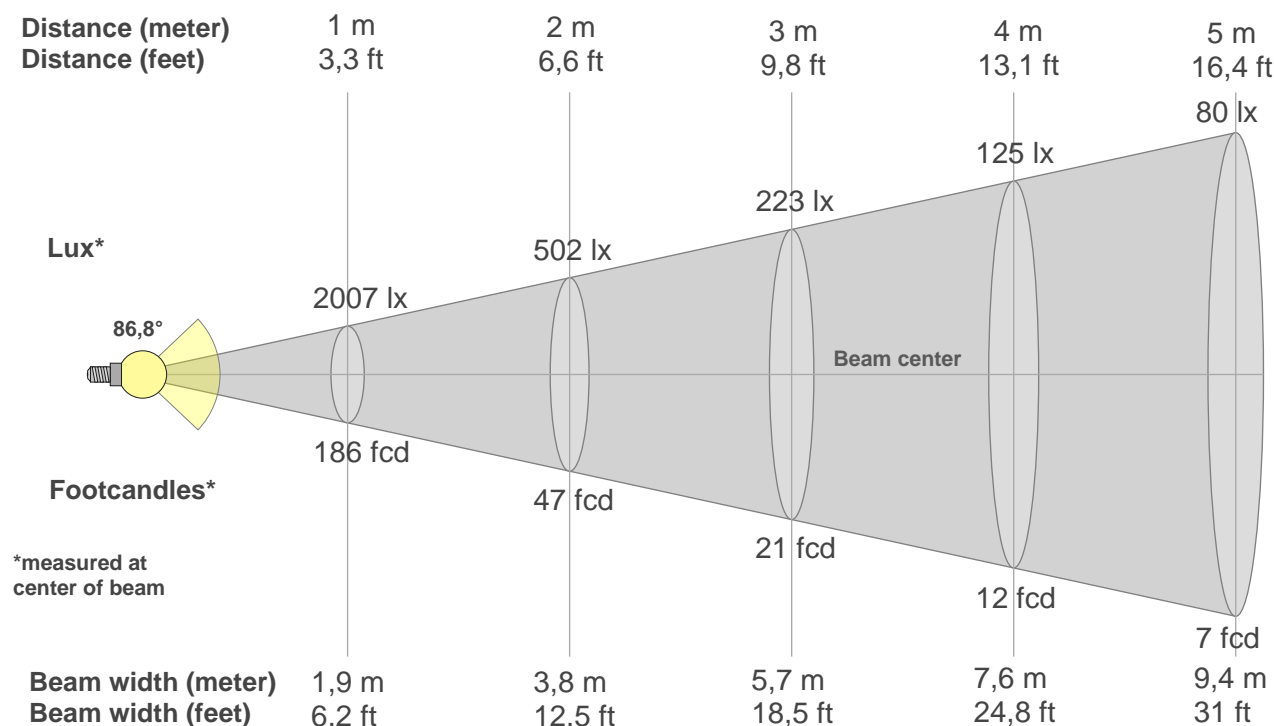
Fidelity index Rf

**Rg 101,0**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	96	-2%	0%
3	91	-2%	4%
4	93	-1%	3%
5	92	0%	3%
6	94	4%	2%
7	96	1%	-1%
8	95	-1%	-1%
9	94	-2%	2%
10	89	-4%	5%
11	85	2%	9%
12	89	4%	4%
13	90	6%	-5%
14	94	4%	0%
15	88	3%	-9%
16	86	1%	-9%





**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
2007lx	502lx	223lx	125lx	80lx	56lx	41lx	31lx	25lx	20lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx	5lx
186,5fcd	46,6fcd	20,7fcd	11,7fcd	7,5fcd	5,2fcd	3,8fcd	2,9fcd	2,3fcd	1,9fcd	1,5fcd	1,3fcd	1,1fcd	1fcd	0,8fcd	0,7fcd	0,6fcd	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°
2007	1999	1970	1924	1862	1783	1673	1494	1203	920	712	524	379	289	225	172	125	73	20	7
100%	100%	98%	96%	93%	89%	83%	74%	60%	46%	35%	26%	19%	14%	11%	9%	6%	4%	1%	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°
2007	1999	1970	1924	1862	1783	1673	1494	1203	920	712	524	379	289	225	172	125	73	20	7
100%	100%	98%	96%	93%	89%	83%	74%	60%	46%	35%	26%	19%	14%	11%	9%	6%	4%	1%	0%

**Intensities in 180° c-plane**

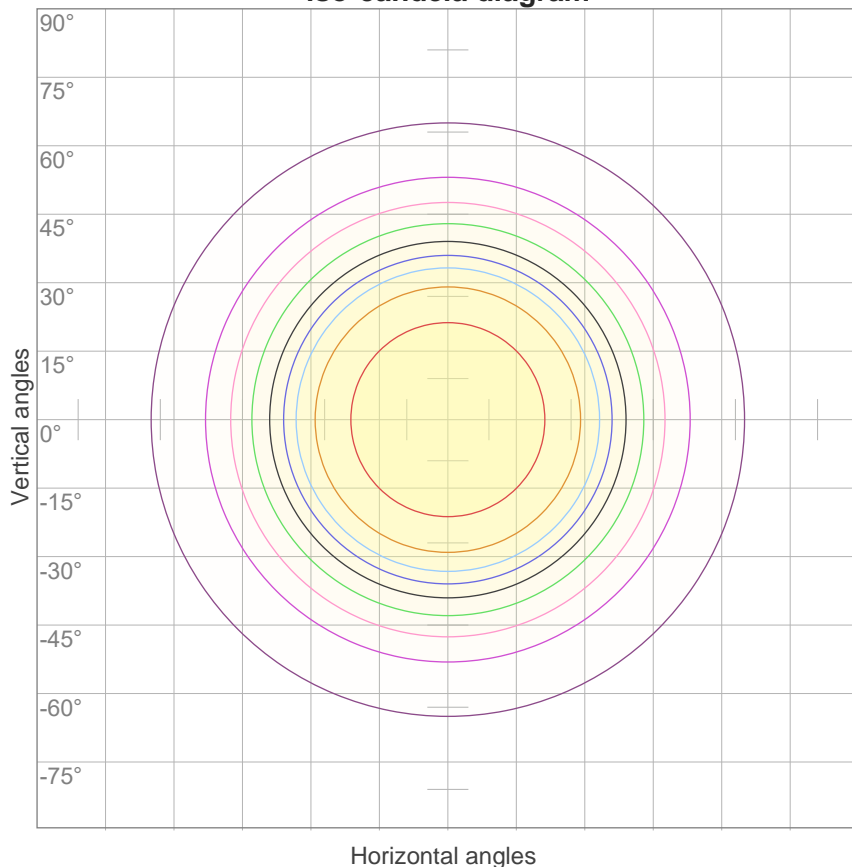
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2007	1999	1970	1924	1862	1783	1673	1494	1203	920	712	524	379	289	225	172	125	73	20	7
100%	100%	98%	96%	93%	89%	83%	74%	60%	46%	35%	26%	19%	14%	11%	9%	6%	4%	1%	0%

**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°
2007	1999	1970	1924	1862	1783	1673	1494	1203	920	712	524	379	289	225	172	125	73	20	7
100%	100%	98%	96%	93%	89%	83%	74%	60%	46%	35%	26%	19%	14%	11%	9%	6%	4%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
86,8°	144,5°	173,9°	85,9%	67,1%

**iso-candela diagram**



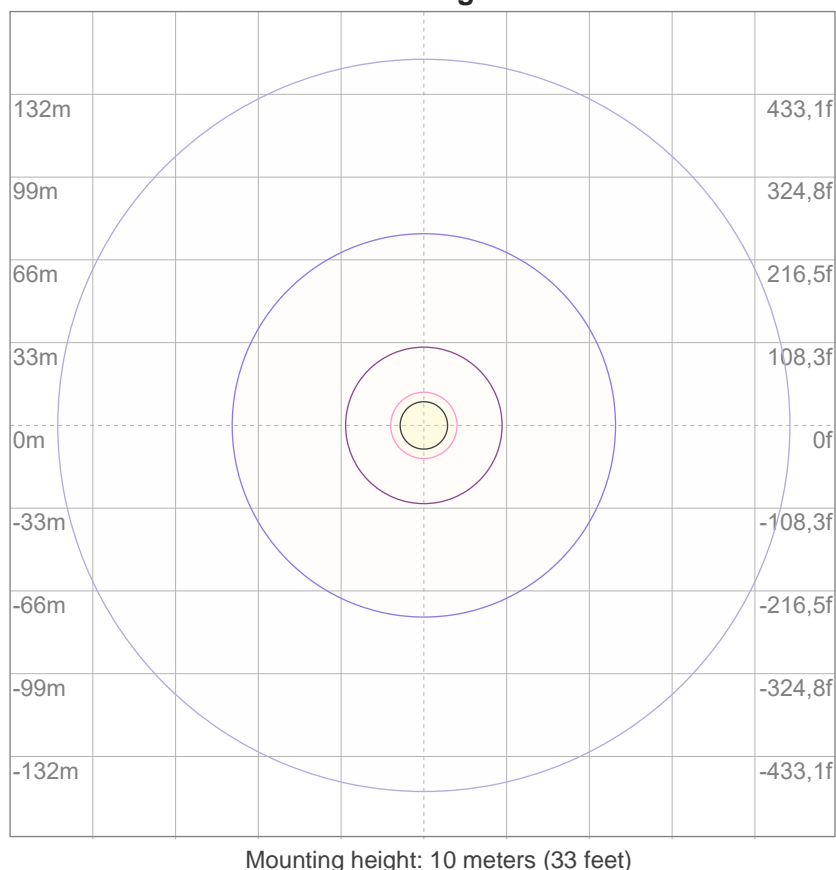
10%	201 cd
20%	401 cd
30%	602 cd
40%	803 cd
50%	1004 cd
60%	1204 cd
70%	1405 cd
80%	1606 cd
90%	1807 cd

Conditions:

Number of c-planes: 8

Candela at center: 2007 cd

**iso-lux diagram**



3%	0,602 lx
5%	1,00 lx
10%	2,01 lx
30%	6,02 lx
50%	10,0 lx

Conditions:

Number of c-planes: 8

Lux at center: 20,1 lx

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

**Glare evaluation according to UGR**

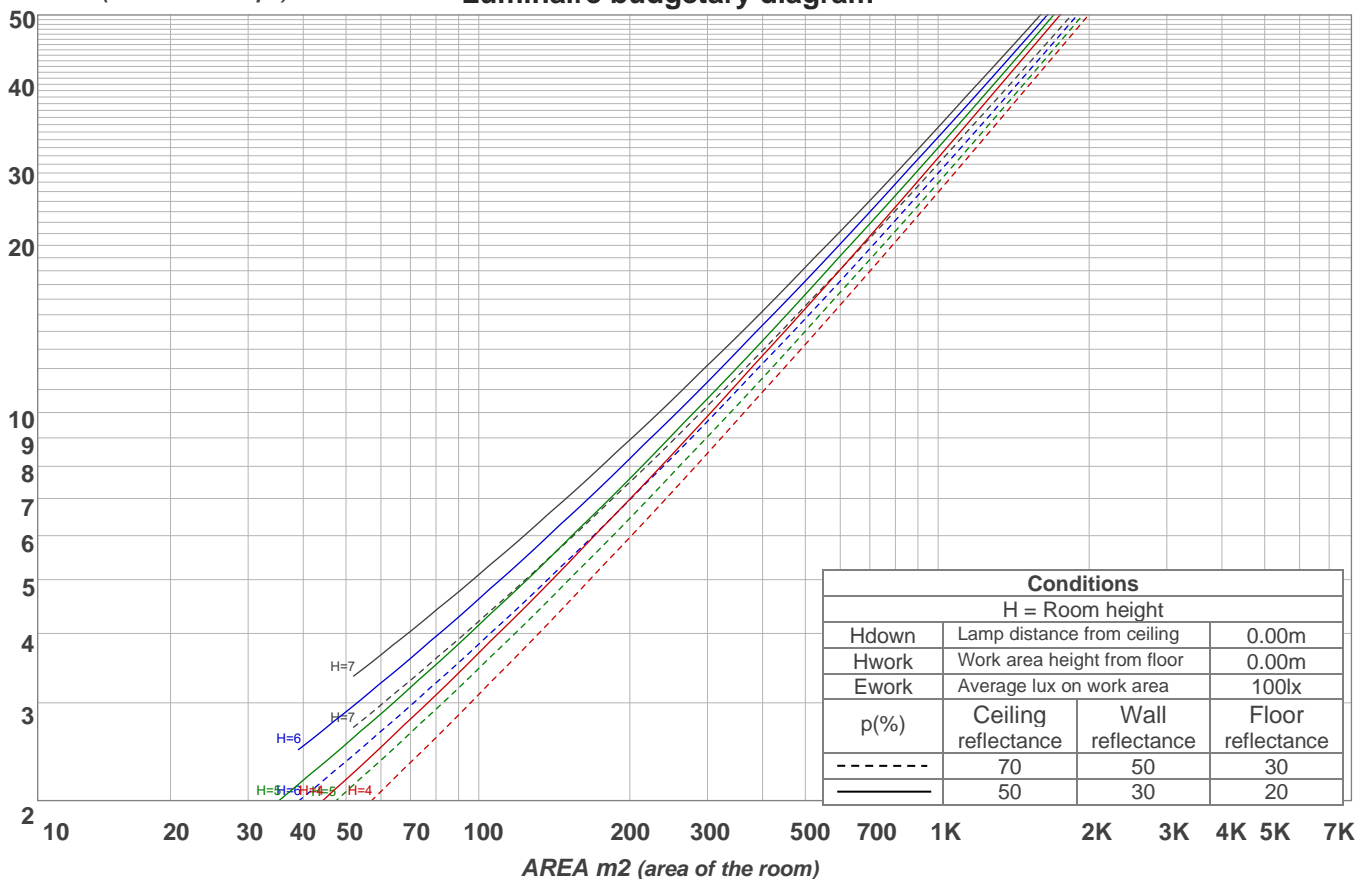
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X      Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	15,7	16,7	15,9	17,0	17,2	15,7	16,7	15,9	17,0	17,2
	3H	16,4	17,5	16,9	17,8	18,0	16,4	17,5	16,9	17,8	18,0
	4H	16,9	18,0	17,4	18,3	18,5	16,9	18,0	17,4	18,3	18,5
	6H	17,5	18,4	17,8	18,7	19,1	17,5	18,4	17,8	18,7	19,1
	8H	17,7	18,6	18,1	18,9	19,4	17,7	18,6	18,1	18,9	19,4
	12H	17,9	18,8	18,3	19,1	19,6	17,9	18,8	18,3	19,1	19,6
4H	2H	15,9	16,9	16,3	17,2	17,5	15,9	16,9	16,3	17,2	17,5
	3H	17,1	17,9	17,5	18,3	18,8	17,1	17,9	17,5	18,3	18,8
	4H	17,7	18,5	18,1	18,9	19,4	17,7	18,5	18,1	18,9	19,4
	6H	18,3	19,1	18,9	19,5	19,9	18,3	19,1	18,9	19,5	19,9
	8H	18,7	19,3	19,2	19,7	20,1	18,7	19,3	19,2	19,7	20,1
	12H	18,9	19,5	19,4	19,9	20,4	18,9	19,5	19,4	19,9	20,4
8H	4H	17,9	18,6	18,5	19,0	19,4	17,9	18,6	18,5	19,0	19,4
	6H	18,8	19,3	19,3	19,8	20,4	18,8	19,3	19,3	19,8	20,4
	8H	19,3	19,7	19,8	20,3	20,9	19,3	19,7	19,8	20,3	20,9
	12H	19,7	20,1	20,3	20,6	21,2	19,7	20,1	20,3	20,6	21,2
12H	4H	18,0	18,5	18,5	19,0	19,5	18,0	18,5	18,5	19,0	19,5
	6H	18,9	19,4	19,5	19,9	20,6	18,9	19,4	19,5	19,9	20,6
	8H	19,4	19,8	20,0	20,3	20,9	19,4	19,8	20,0	20,3	20,9
Variation of the observer position for the luminaire distance S											
S = 1.0H		0,1 / -0,2					0,1 / -0,2				
S = 1.5H		0,4 / -0,5					0,4 / -0,5				
S = 2.0H		0,9 / -0,7					0,9 / -0,7				
CIE 117-1995. Corrected glare indices referring to 4269 lm total luminous flux											

### 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	105	105	105	101	101	101	99
1	110	106	102	98	107	103	100	97	99	96	93	95	92	90	91	89	87	85
2	101	94	88	83	99	92	87	82	88	84	80	85	81	78	82	79	76	74
3	93	84	77	71	91	82	76	70	79	74	69	77	72	68	74	70	66	64
4	86	76	68	62	84	74	67	61	72	65	60	69	64	59	67	62	59	57
5	80	69	60	54	78	67	60	54	65	59	53	63	57	53	61	56	52	50
6	75	62	54	48	73	61	54	48	60	53	48	58	52	47	56	51	47	45
7	70	57	49	43	68	56	49	43	55	48	43	53	47	43	52	46	42	40
8	65	53	45	39	63	52	44	39	50	44	39	49	43	39	48	42	38	36
9	61	49	41	36	60	48	41	36	47	40	35	46	39	35	45	39	35	33
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	41	36	32	30

LAMPS (number of lamps)

### Luminaire budgetary diagram



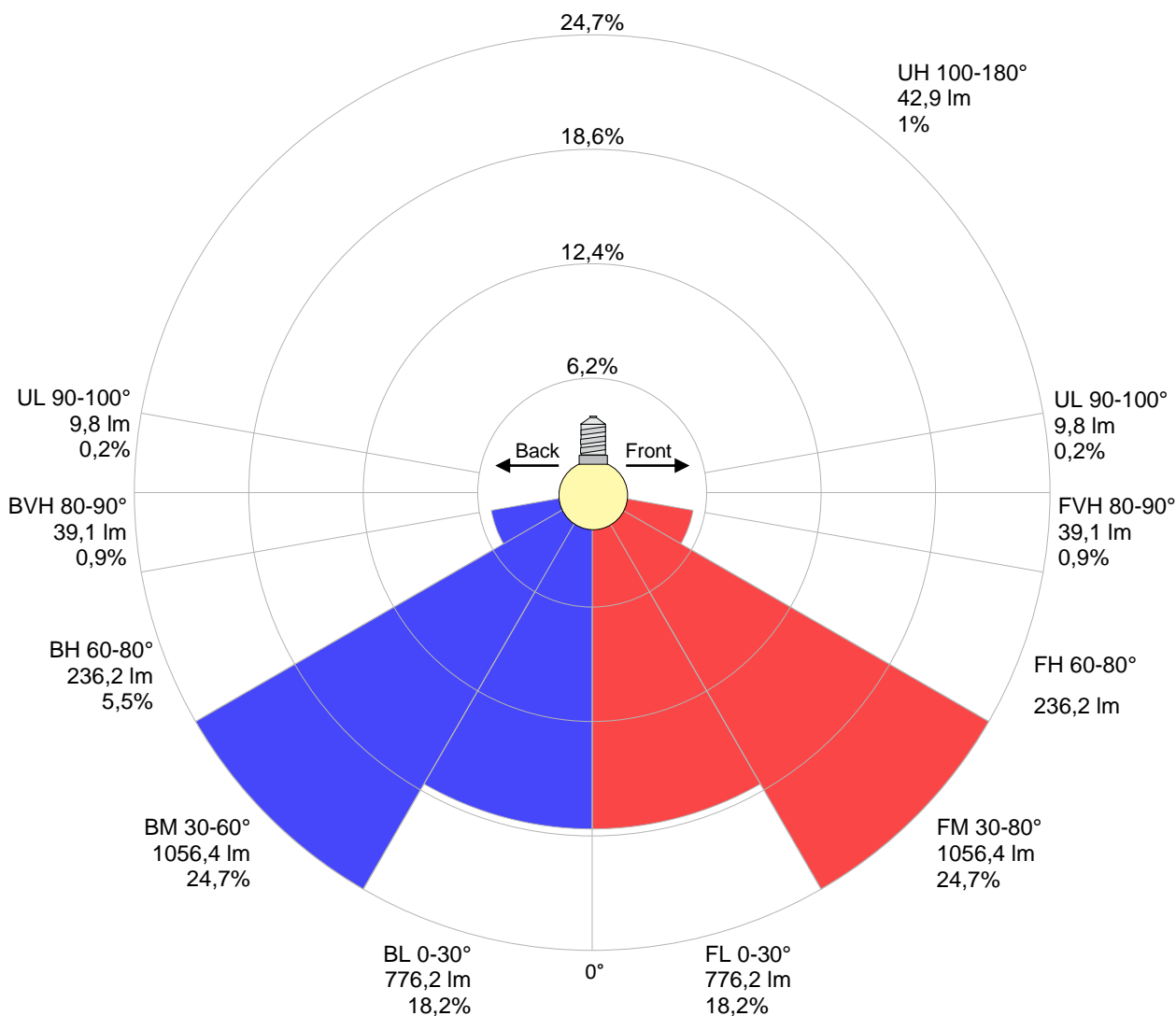
### Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
{LUM0-10}	544 lm	820 lm	921 lm	722 lm	469 lm	290 lm	184 lm	76,8 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
9,72 lm	7,58 lm	7,77 lm	7,51 lm	6,91 lm	5,36 lm	4,11 lm	2,73 lm	0,962 lm

LCS table

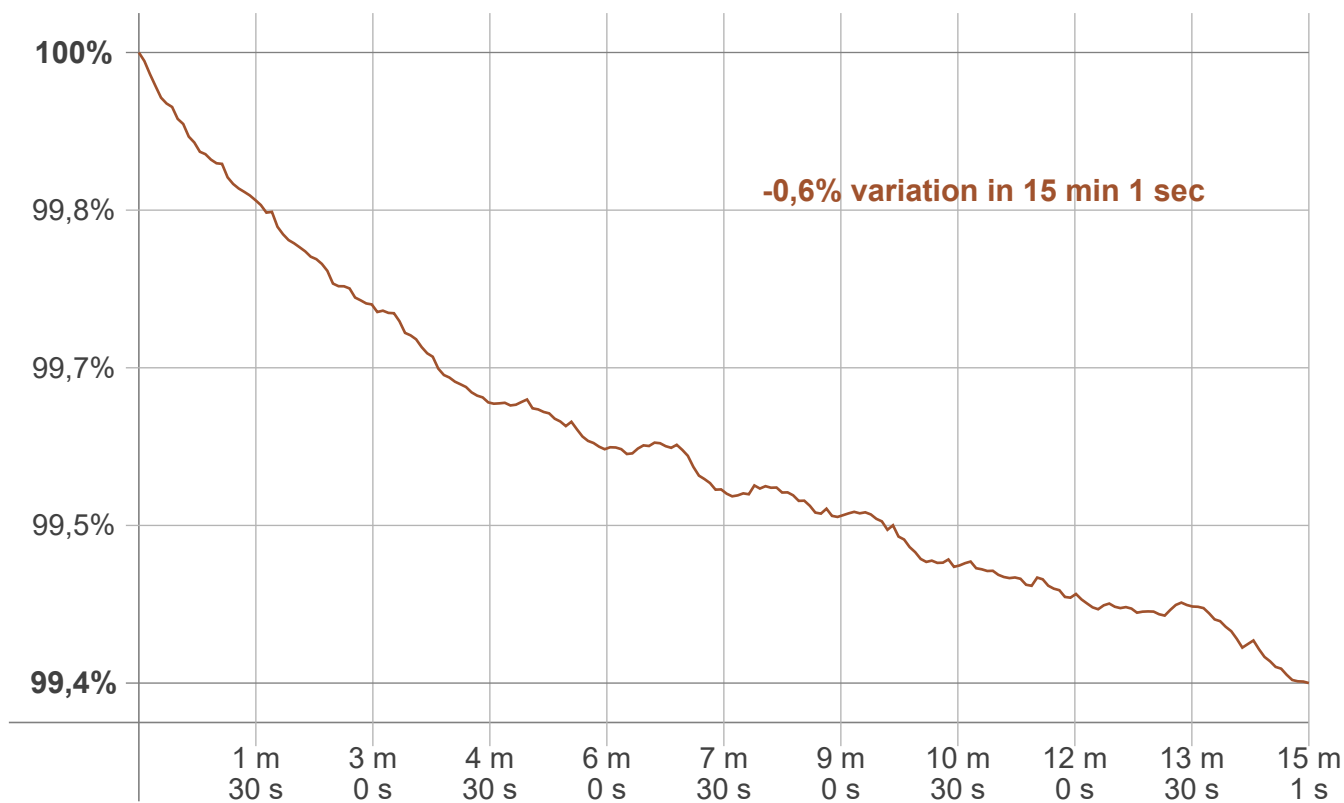
BUG rating:	B2 U2 G1	
Forward light	Lumens	Lumens %
Low(0-30):	776,2	18,2%
Medium(30-60):	1056,4	24,7%
High(60-80):	236,2	5,5%
Very high(80-90):	39,1	0,9%
Back light		
Low(0-30):	776,2	18,2%
Medium(30-60):	1056,4	24,7%
High(60-80):	236,2	5,5%
Very high(80-90):	39,1	0,9%
Uplight		
Low(90-100):	9,8	0,2%
High(100-180):	42,9	1%

LCS graph





### Warmup curve



### Warmup result

Warmup time:	Lamp stabilized in 15 min 1 sec
Warmup variation	-0,6%

### Warmup conditions

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

### Color temperature change

CCT start	CCT change	CCT end
4106 K	-5 K	4101 K

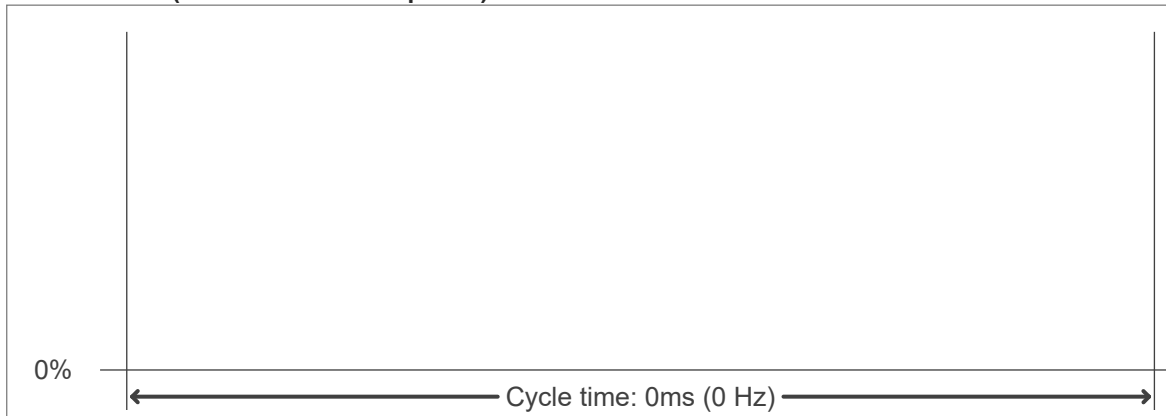
### Output change

Output start	Output change	Output end
4294 lm	-25 lm	4269 lm

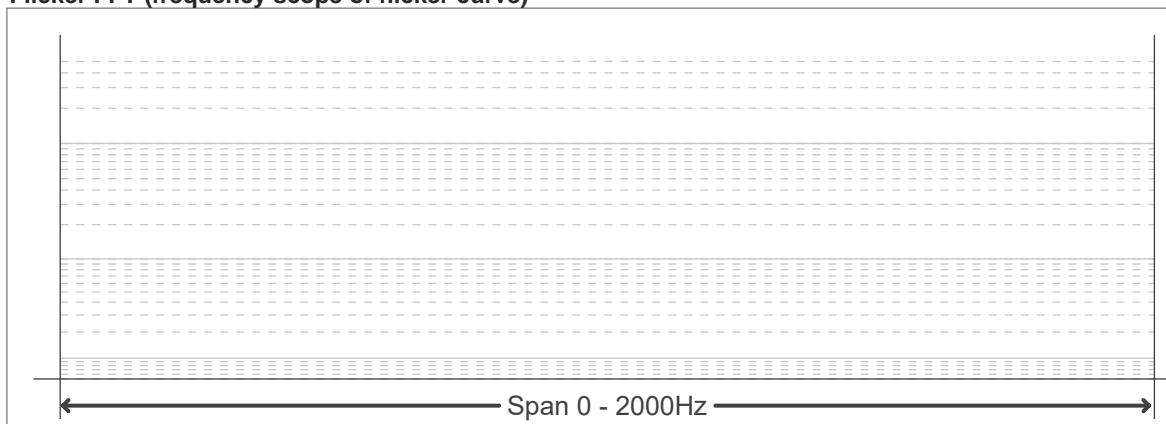
**Flicker curve (complete sampled flicker signal)**



**Flicker frame (frame of one flicker period)**



**Flicker FFT (frequency scope of flicker curve)**



**Flicker results:**

Flicker frequency:		n/a Hz	
Flicker index:	n/a	JA8/10 40Hz	n/a %
Flicker percentage:	n/a %	JA8/10 90Hz	n/a %
SVM: (Visual flicker)	n/a	JA8/10 200Hz	n/a %
PstLM	n/a	JA8/10 400Hz	n/a %
Mp	n/a	JA8/10 1000Hz	n/a %

**Flicker conditions:**

Sample rate:	n/a samples/second
--------------	--------------------