

FLEX RGBW - PLUS 30 - 2700

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	30 W/mt
Larghezza Pcb / Width Pcb	12 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	63 mm
Colore Luce / Led Color	RGBW
N° LED	96 / mt
IP	20
Temperatura esercizio Storage Temperature	- 30° C - + 70°C
Lifetime	L70B20 50000H

Flusso Luminoso - Luminous Flux

	Rosso - Red	Verde - Green	Blu - Blue	2700 K
A-RGBW-PLUS-30-2700	226 lm/mt	632 lm/mt	165 lm/mt	812 lm/mt



Via Cadorna, 40/42
20032 Cormano (MI)
Tel. +39 02 84269630
Fax +39 02 84269631
info@dadalighting.com
www.dadalighting.com



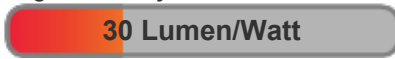
RoHS
Compliant

CRI>80
(2700k)

FLEX RGBW - PLUS 30 - 2700 (rosso-red)

Led Strip

Light efficiency:



Output: 226 lm

Light quality:



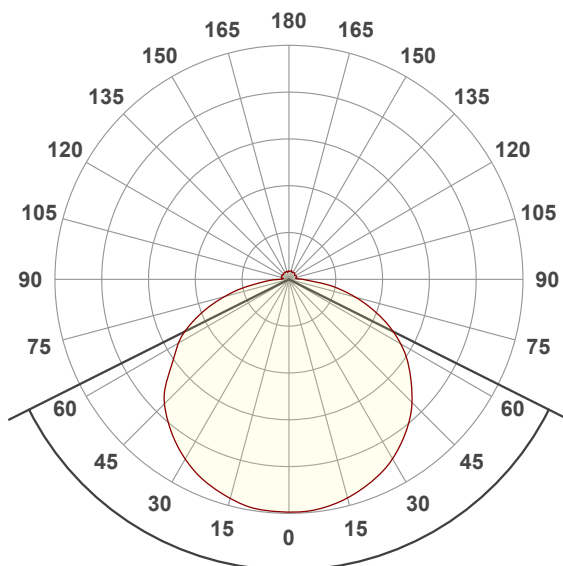
Peak: 63,2 cd

Color temperature:



Power: 7,5 W

24,0V @ 0,313A



Beam angle

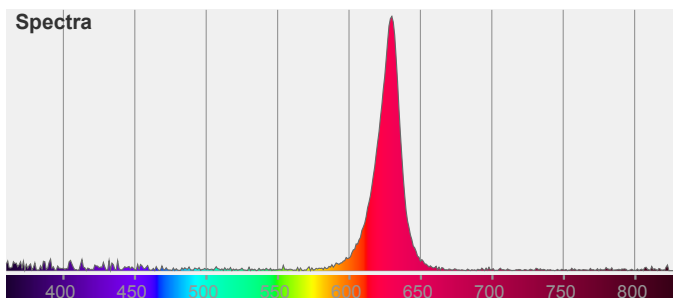
126,8°

Color



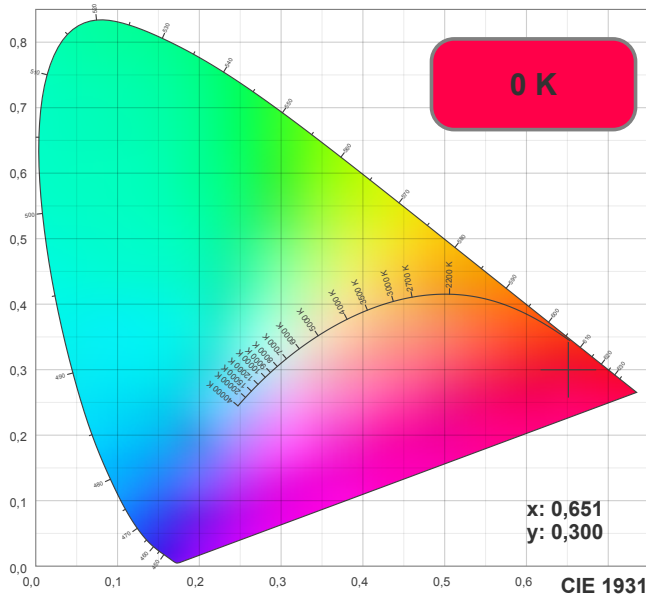
CIE1931
x: 0,651
y: 0,300

Spectra



FLEX RGBW - PLUS 30 - 2700 (rosso-red)

Led Strip



TM30: 0,0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16

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
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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

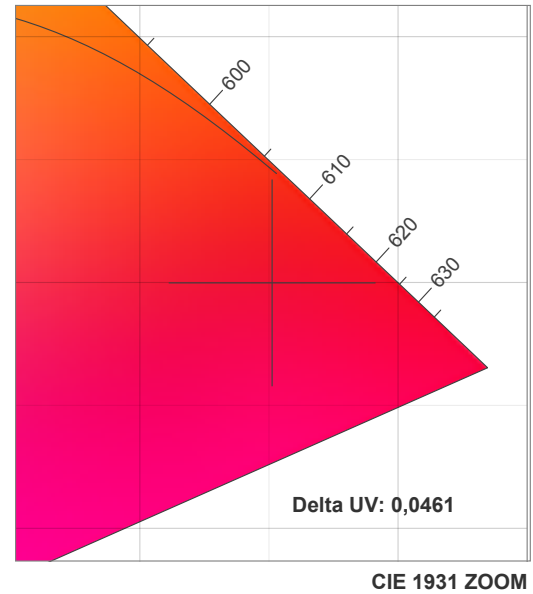
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
0 K	0,0	0,0	0,0	0,0	0,0	0,7	0,3	0,5	0,3	NaN



CRI: 0,0 (R1-R8)

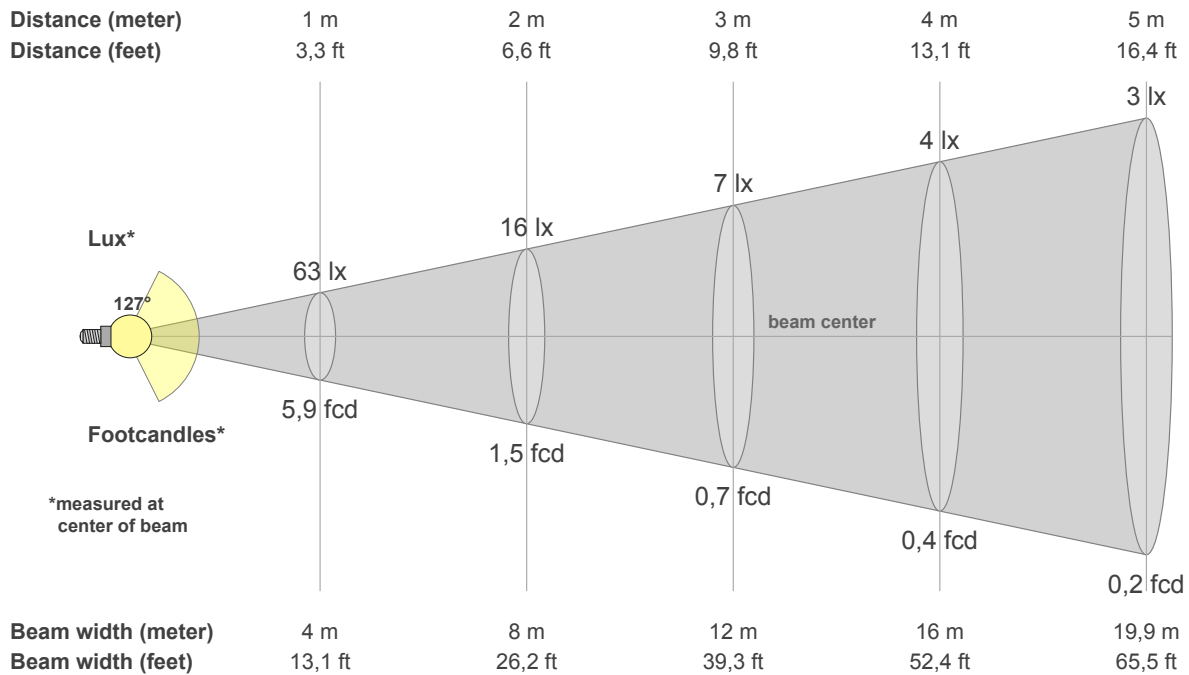
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0,0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

FLEX RGBW - PLUS 30 - 2700 (rosso-red)

Led Strip



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°
63,2	63,1	62,4	61,4	60,0	58,3	56,2	53,6	50,6	47,2	43,3	39,3	35,0	30,0	24,4	18,7	13,1	7,8	3,9	2,3
100%	100%	99%	97%	95%	92%	89%	85%	80%	75%	69%	62%	55%	47%	39%	30%	21%	12%	6%	4%

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°
63,2	63,1	62,4	61,4	60,0	58,3	56,2	53,6	50,6	47,2	43,3	39,3	35,0	30,0	24,4	18,7	13,1	7,8	3,9	2,3
100%	100%	99%	97%	95%	92%	89%	85%	80%	75%	69%	62%	55%	47%	39%	30%	21%	12%	6%	4%

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°
63,2	63,0	62,7	61,5	60,1	58,5	56,3	53,7	50,9	47,6	43,4	38,4	34,5	29,8	24,2	18,2	12,3	6,6	3,5	1,9
100%	100%	99%	97%	95%	93%	89%	85%	81%	75%	69%	61%	55%	47%	38%	29%	19%	10%	6%	3%

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°
63,2	63,0	62,7	61,5	60,1	58,5	56,3	53,7	50,9	47,6	43,4	38,4	34,5	29,8	24,2	18,2	12,3	6,6	3,5	1,9
100%	100%	99%	97%	95%	93%	89%	85%	81%	75%	69%	61%	55%	47%	38%	29%	19%	10%	6%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
126,8°	171,7°	360,0°	68,8%	45,2%

FLEX RGBW - PLUS 30 - 2700 (verde-green)

Led Strip

Light efficiency:

84 Lumen/Watt

Output: 632 lm

Light quality:

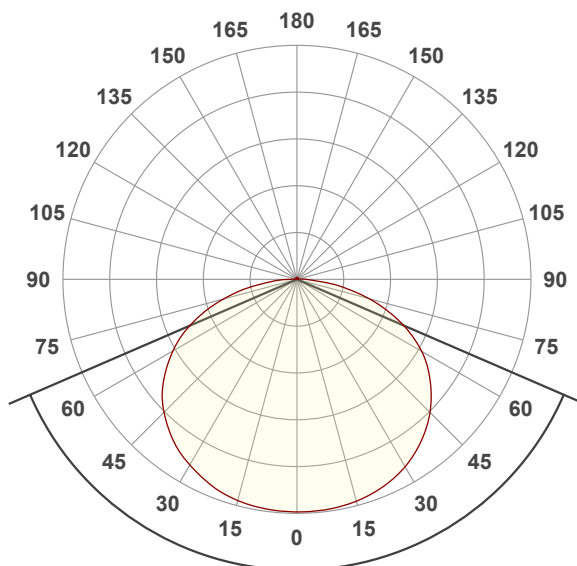
CRI: 0

Peak: 173 cd

Color temperature:

0 K

Power: 7,5 W
24,0V @ 0,313A



Beam angle

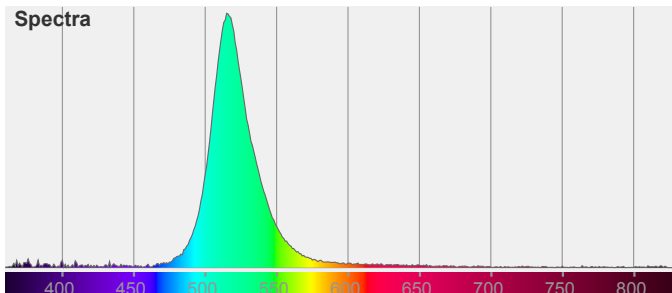
133,2°

Color

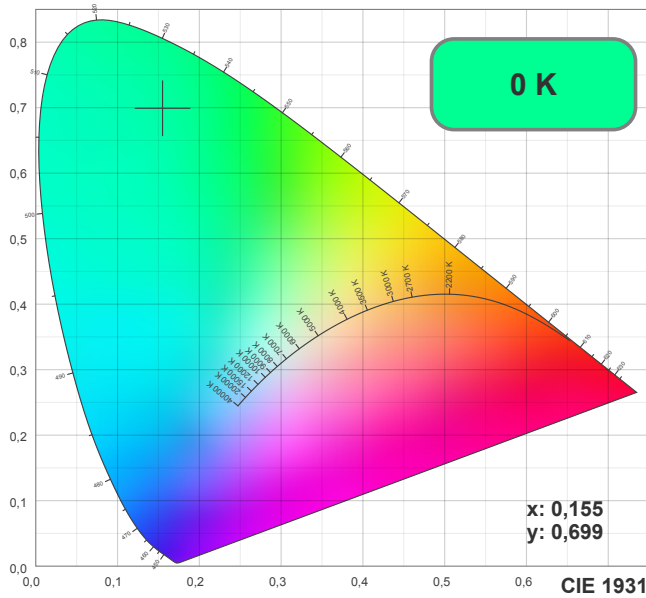


CIE1931
x: 0,155
y: 0,699

Spectra



FLEX RGBW - PLUS 30 - 2700 (verde-green) Led Strip



TM30: 0,0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16

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

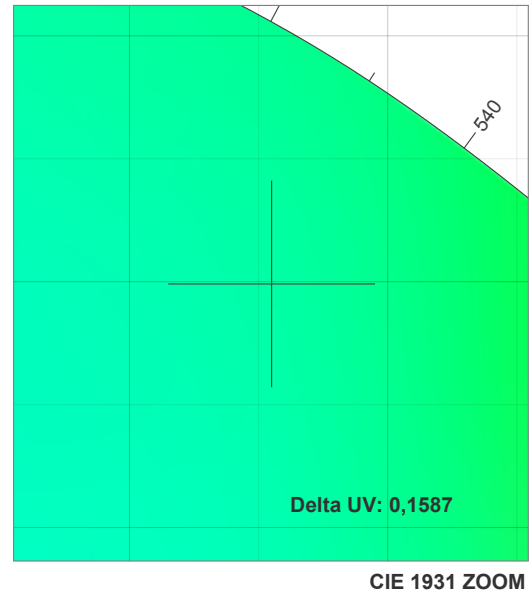
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00



CRI: 0,0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0,0

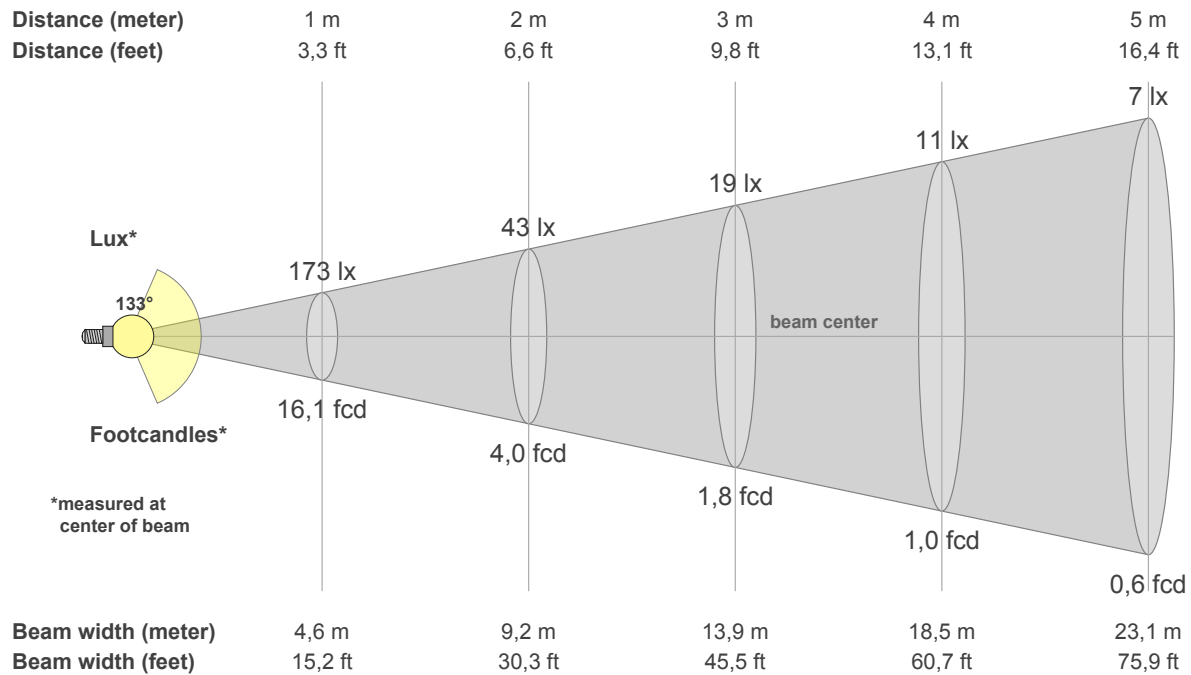
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
0 K	0,0	0,0	0,0	0,0	0,0	0,2	0,7	0,1	0,4	NaN

FLEX RGBW - PLUS 30 - 2700 (verde-green)

Led Strip



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°
173	173	172	171	168	165	161	155	148	140	130	119	107	91	74	56	36	19	7	2
100%	100%	100%	99%	97%	95%	93%	90%	85%	81%	75%	69%	62%	53%	43%	32%	21%	11%	4%	1%

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°
173	173	172	171	168	165	161	155	148	140	130	119	107	91	74	56	36	19	7	2
100%	100%	100%	99%	97%	95%	93%	90%	85%	81%	75%	69%	62%	53%	43%	32%	21%	11%	4%	1%

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°
173	173	172	170	168	164	159	154	147	139	131	119	106	92	75	57	38	20	9	2
100%	100%	99%	98%	97%	95%	92%	89%	85%	81%	76%	69%	61%	53%	43%	33%	22%	12%	5%	1%

Intensities in 180° c-plane

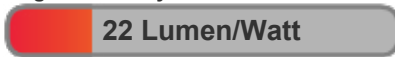
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
173	173	172	170	168	164	159	154	147	139	131	119	106	92	75	57	38	20	9	2
100%	100%	99%	98%	97%	95%	92%	89%	85%	81%	76%	69%	61%	53%	43%	33%	22%	12%	5%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
133,2°	171,4°	184,5°	71,5%	46,0%

FLEX RGBW - PLUS 30 - 2700 (blu-blue)

Led Strip

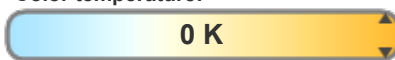
Light efficiency:



Light quality:



Color temperature:

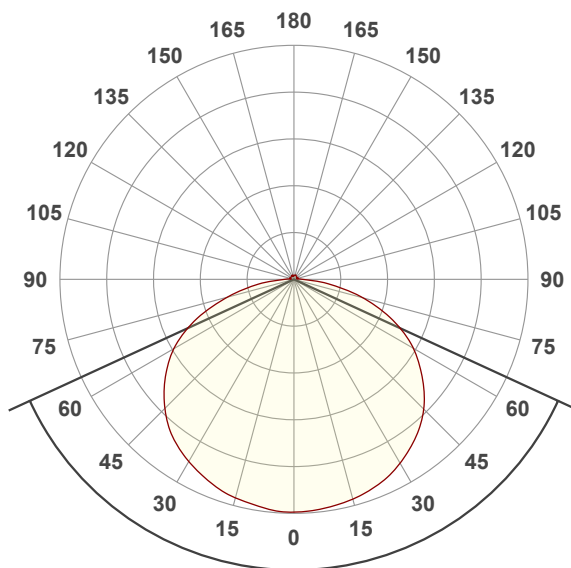


Output: 165 lm

Peak: 45,7 cd

Power: 7,5 W

24,0V @ 0,313A



Beam angle

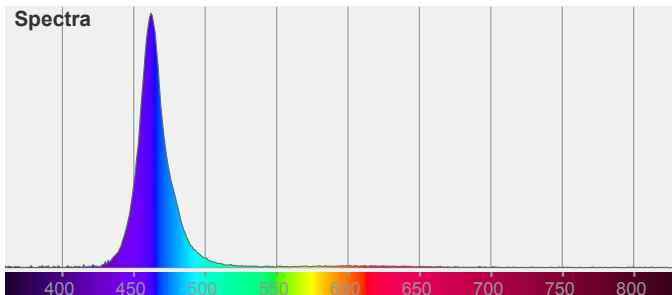
130,6°

Color



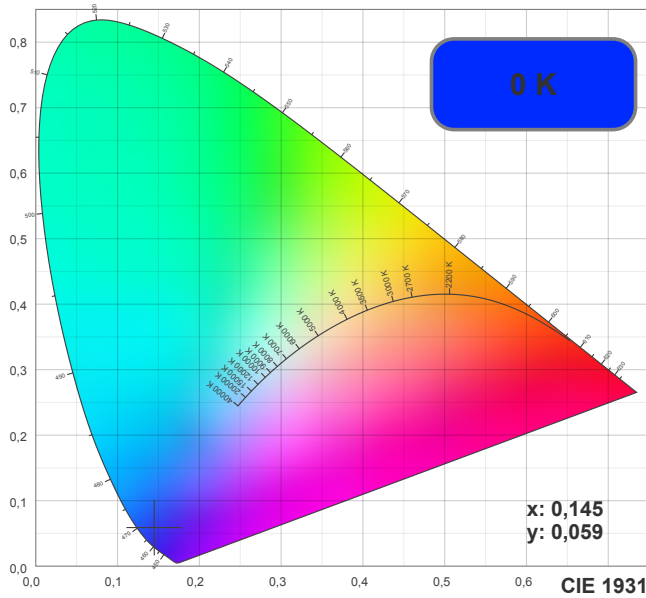
CIE1931
x: 0,145
y: 0,059

Spectra



FLEX RGBW - PLUS 30 - 2700 (blu-blue)

Led Strip



TM30: 0,0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16

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
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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

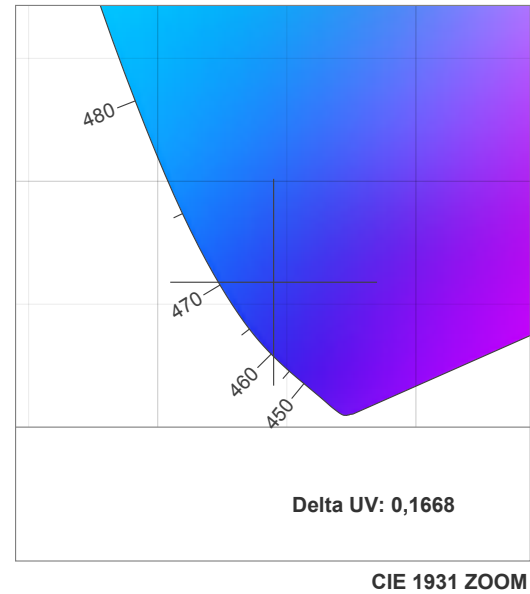
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
0 K	0,0	0,0	0,0	0,0	0,0	0,1	0,1	0,2	0,1	NaN



CRI: 0,0 (R1-R8)

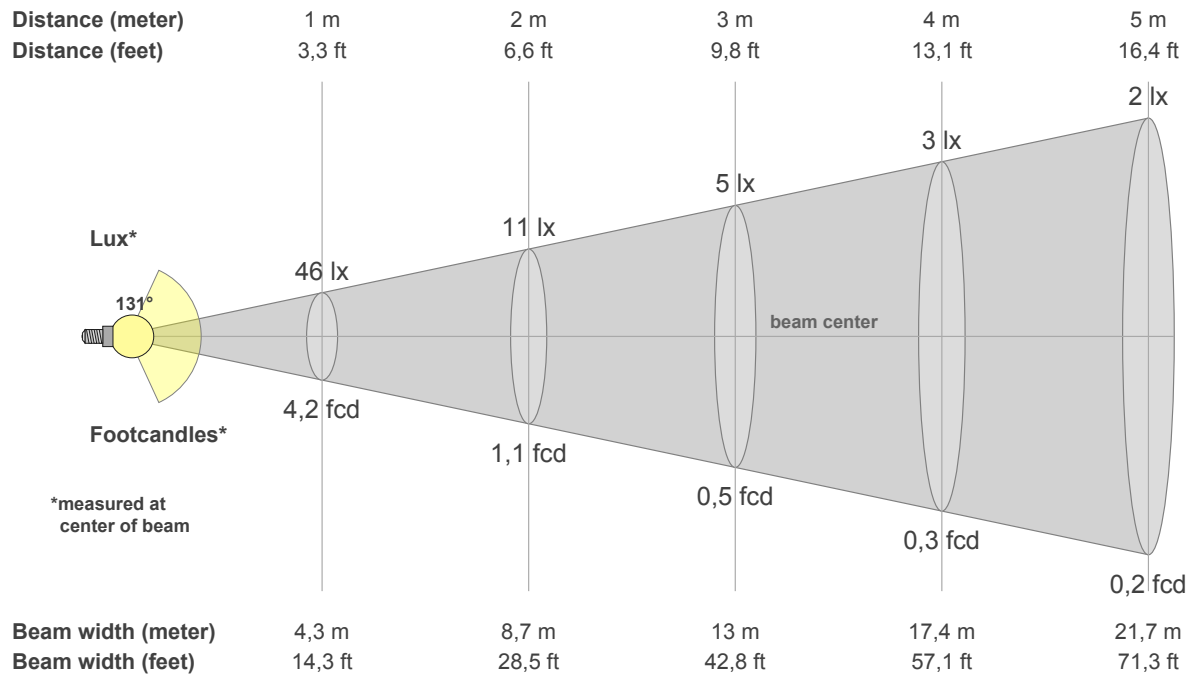
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0,0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

FLEX RGBW - PLUS 30 - 2700 (blu-blue)

Led Strip



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°
45,7	45,6	45,2	44,7	44,0	43,1	41,7	40,1	38,3	36,0	33,3	30,2	27,0	23,1	18,8	14,1	9,3	5,1	1,7	1,0
100%	100%	99%	98%	96%	94%	91%	88%	84%	79%	73%	66%	59%	51%	41%	31%	20%	11%	4%	2%

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°
45,7	45,6	45,2	44,7	44,0	43,1	41,7	40,1	38,3	36,0	33,3	30,2	27,0	23,1	18,8	14,1	9,3	5,1	1,7	1,0
100%	100%	99%	98%	96%	94%	91%	88%	84%	79%	73%	66%	59%	51%	41%	31%	20%	11%	4%	2%

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°
45,7	45,6	45,0	44,4	43,6	42,6	41,3	39,8	38,1	35,8	33,2	30,4	27,2	23,1	18,6	13,6	9,1	5,2	1,9	0,9
100%	100%	98%	97%	96%	93%	90%	87%	83%	78%	73%	66%	60%	51%	41%	30%	20%	11%	4%	2%

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°
45,7	45,6	45,0	44,4	43,6	42,6	41,3	39,8	38,1	35,8	33,2	30,4	27,2	23,1	18,6	13,6	9,1	5,2	1,9	0,9
100%	100%	98%	97%	96%	93%	90%	87%	83%	78%	73%	66%	60%	51%	41%	30%	20%	11%	4%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
130,6°	171,7°	187,6°	70,7%	45,8%

FLEX RGBW - PLUS 30 - 2700 (bianco-white)

Led Strip

Light efficiency:

108 Lumen/Watt

Output: 812 lm

Light quality:

CRI: 81,3

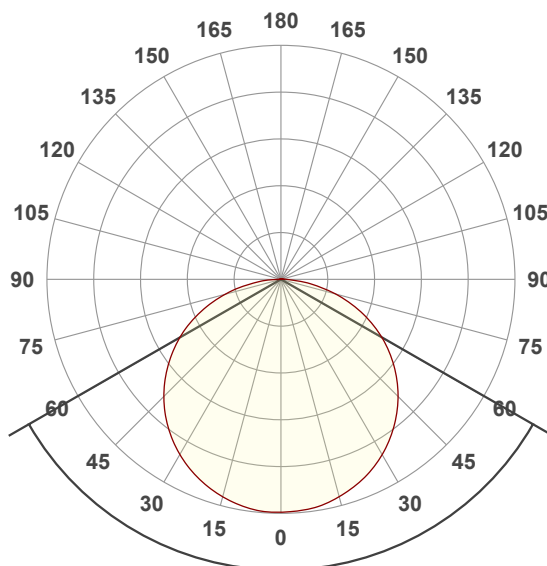
Peak: 257 cd

Color temperature:

2674 K

Power: 7,5 W

24,0V @ 0,313A



Beam angle

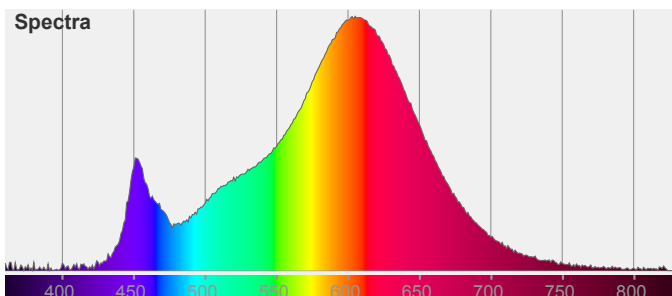
120,2°

Color



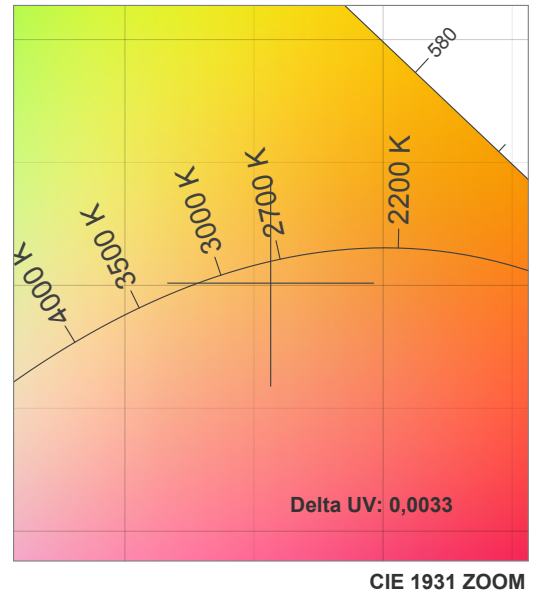
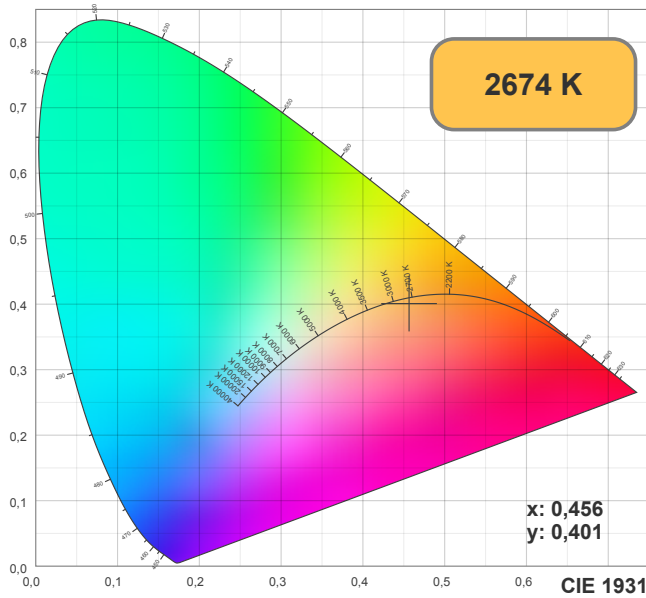
CIE1931
x: 0,456
y: 0,401

Spectra

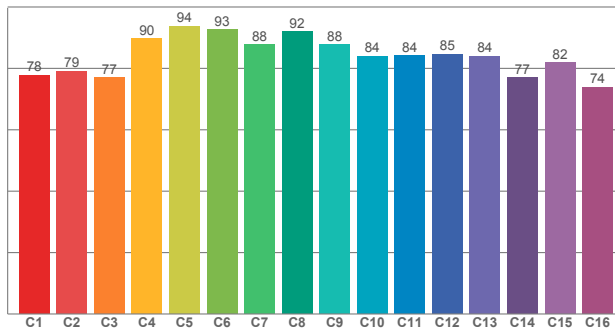


FLEX RGBW - PLUS 30 - 2700 (bianco-white)

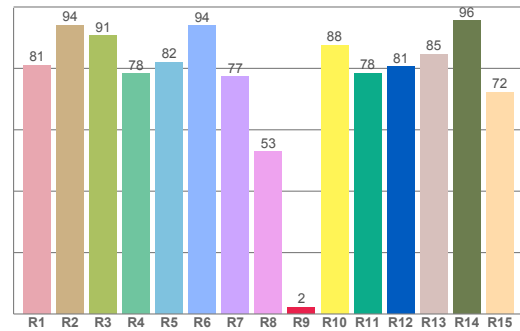
Led Strip



TM30: 84,0



CRI: 81,3 (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
81,07	94,11	90,60	78,26	82,07	93,82	77,36	52,96	2,26	87,53	78,43	80,59	84,59	95,53	72,20

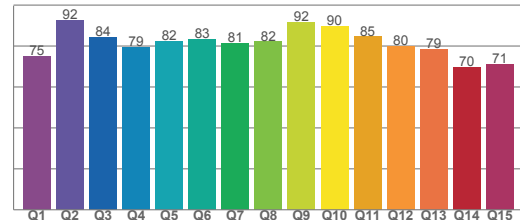
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,73	79,11	77,03	89,59	93,77	92,57	87,75	91,99	87,71	84,02	84,07	84,69	84,03	76,98	81,92	73,81

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
75,05	92,47	84,17	79,46	82,20	83,30	81,47	82,15	91,82	89,77	84,54	79,84	78,63	69,86	71,21

CQS: 80,5

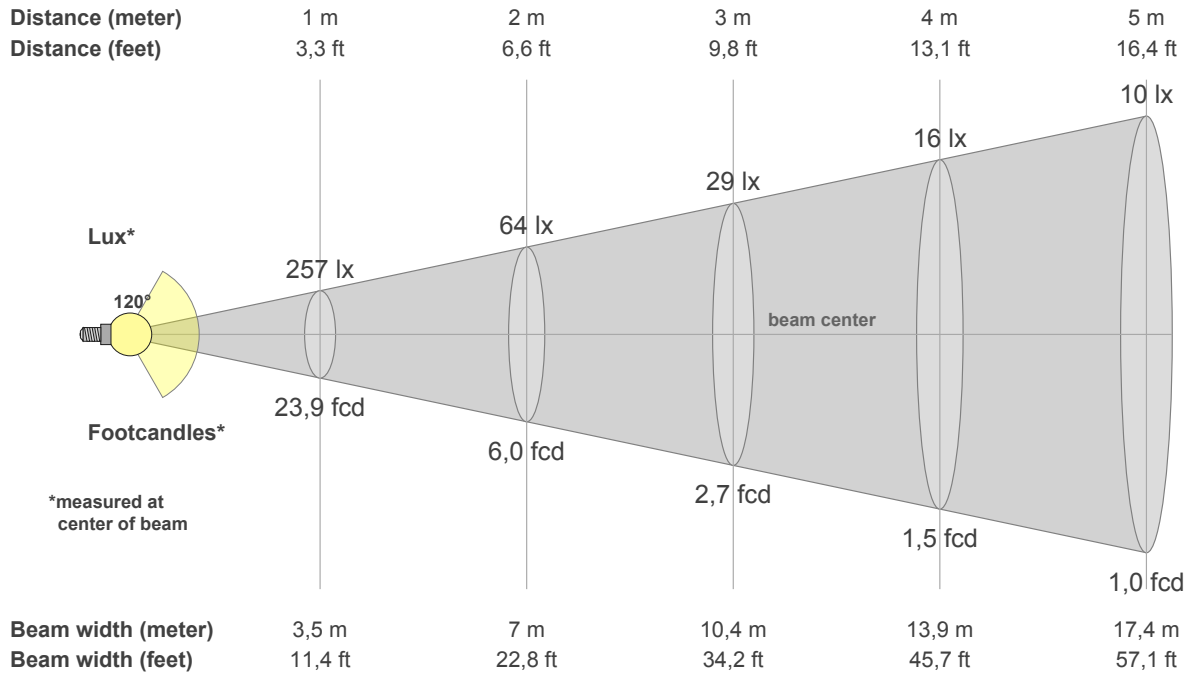


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2674 K	81,3	2,3	84,0	95,5	80,5	0,5	0,4	0,3	0,3	-0,0033

FLEX RGBW - PLUS 30 - 2700 (bianco-white)

Led Strip



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°
257	256	254	249	242	234	224	212	198	183	166	148	129	108	86	63	40	21	6	1
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	65%	58%	50%	42%	33%	24%	15%	8%	2%	1%

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°
257	256	254	249	242	234	224	212	198	183	166	148	129	108	86	63	40	21	6	1
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	65%	58%	50%	42%	33%	24%	15%	8%	2%	1%

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°
257	257	254	249	242	234	223	212	198	183	166	148	129	109	87	64	42	22	7	2
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	65%	58%	50%	42%	34%	25%	16%	8%	3%	1%

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°
257	257	254	249	242	234	223	212	198	183	166	148	129	109	87	64	42	22	7	2
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	65%	58%	50%	42%	34%	25%	16%	8%	3%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
120,2°	167,3°	180,2°	75,0%	50,0%