

FLEX RGBW - PLUS 30 - 4000

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	4000 K
DA-RGBW-PLUS-30-4000	226 lm/mt	632 lm/mt	165 lm/mt	849 lm/mt



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

FLEX RGBW - PLUS 30 - 4000 (rosso-red)

Led Strip

Light efficiency:

30 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

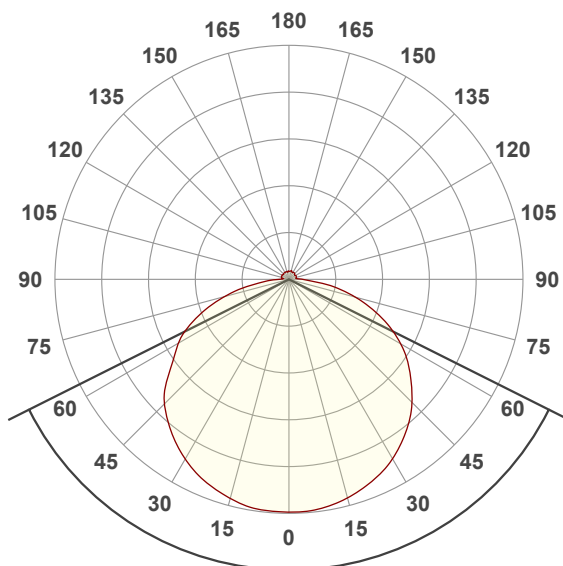
0 K

Output: 226 lm

Peak: 63,2 cd

Power: 7,5 W

24,0V @ 0,313A



Beam angle

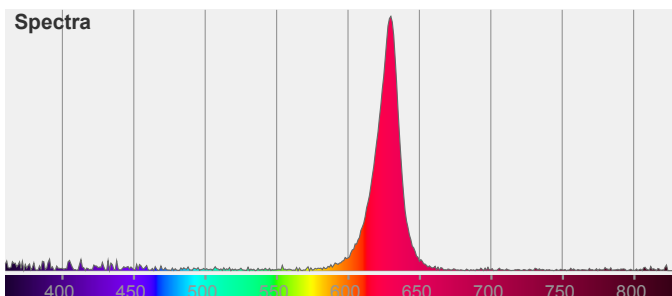
126,8°

Color



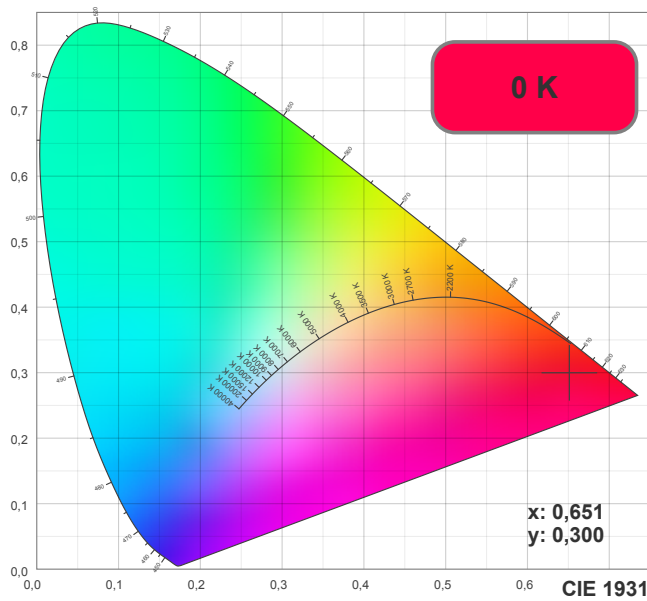
CIE1931
x: 0,651
y: 0,300

Spectra



FLEX RGBW - PLUS 30 - 4000 (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

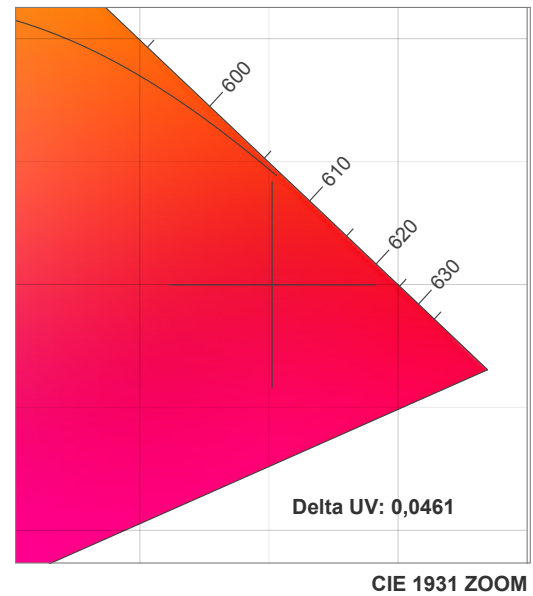
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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)

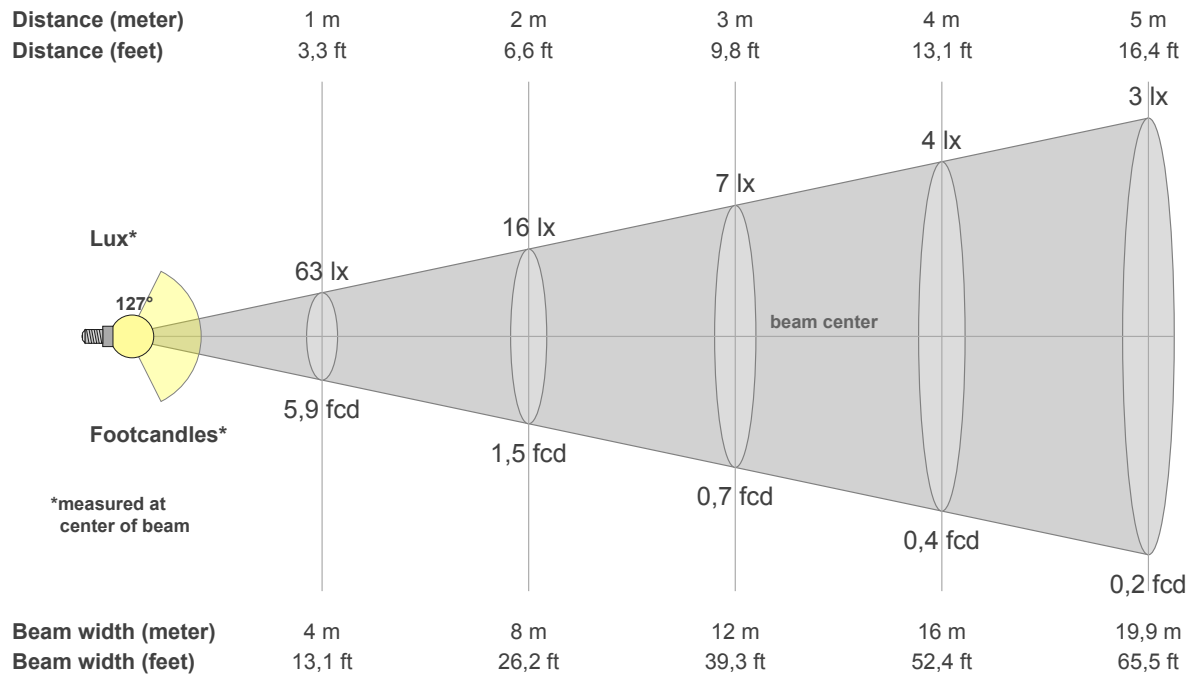
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0,0

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

FLEX RGBW - PLUS 30 - 4000 (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 - 4000 (verde-green)

Led Strip

Light efficiency:

84 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

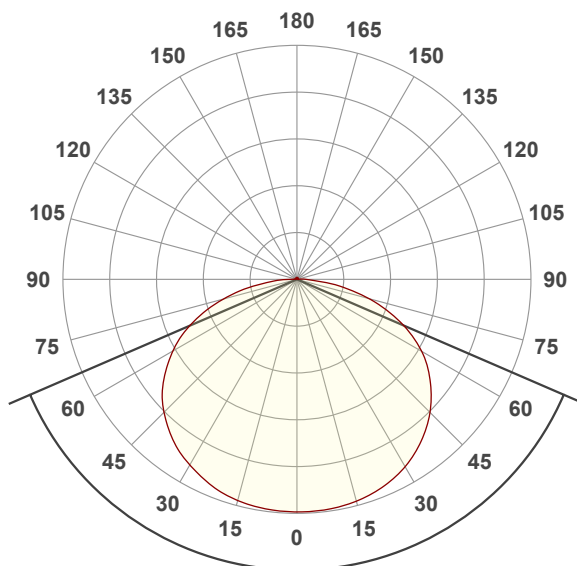
0 K

Output: 632 lm

Peak: 173 cd

Power: 7,5 W

24,0V @ 0,313A



Beam angle

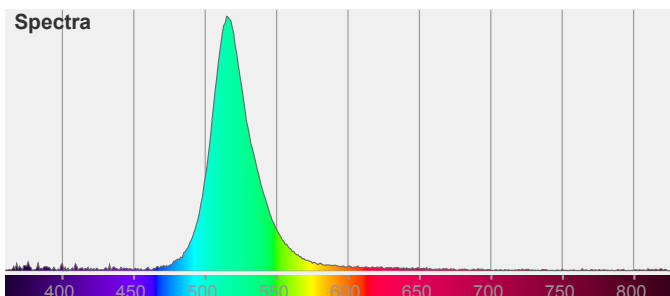
133,2°

Color



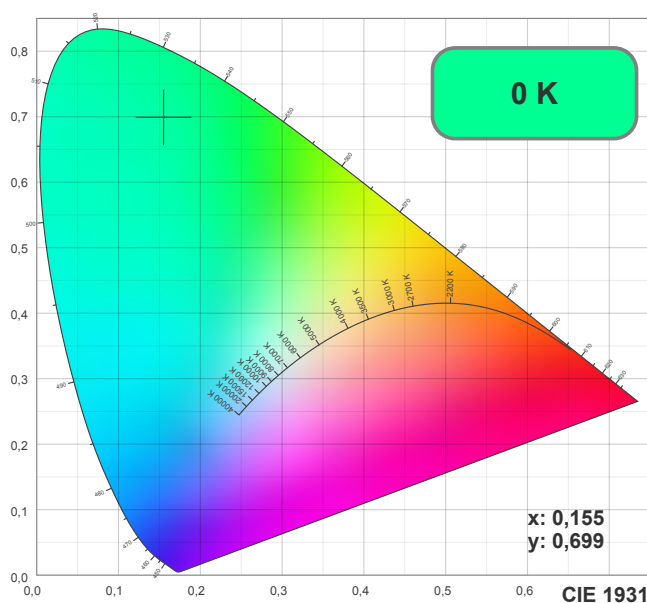
CIE1931
x: 0,155
y: 0,699

Spectra



FLEX RGBW - PLUS 30 - 4000 (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

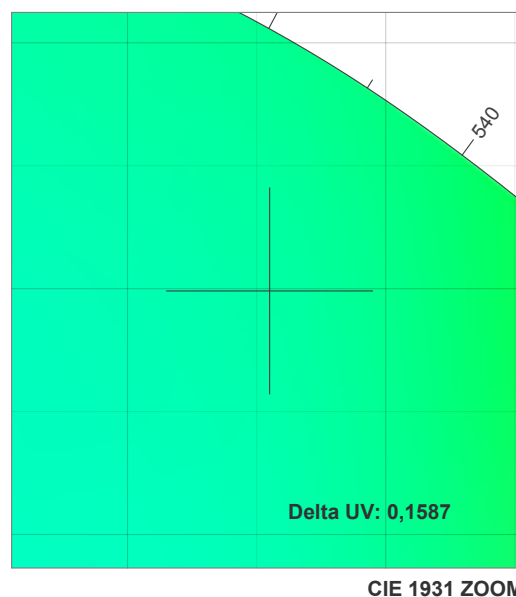
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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

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



CRI: 0,0 (R1-R8)

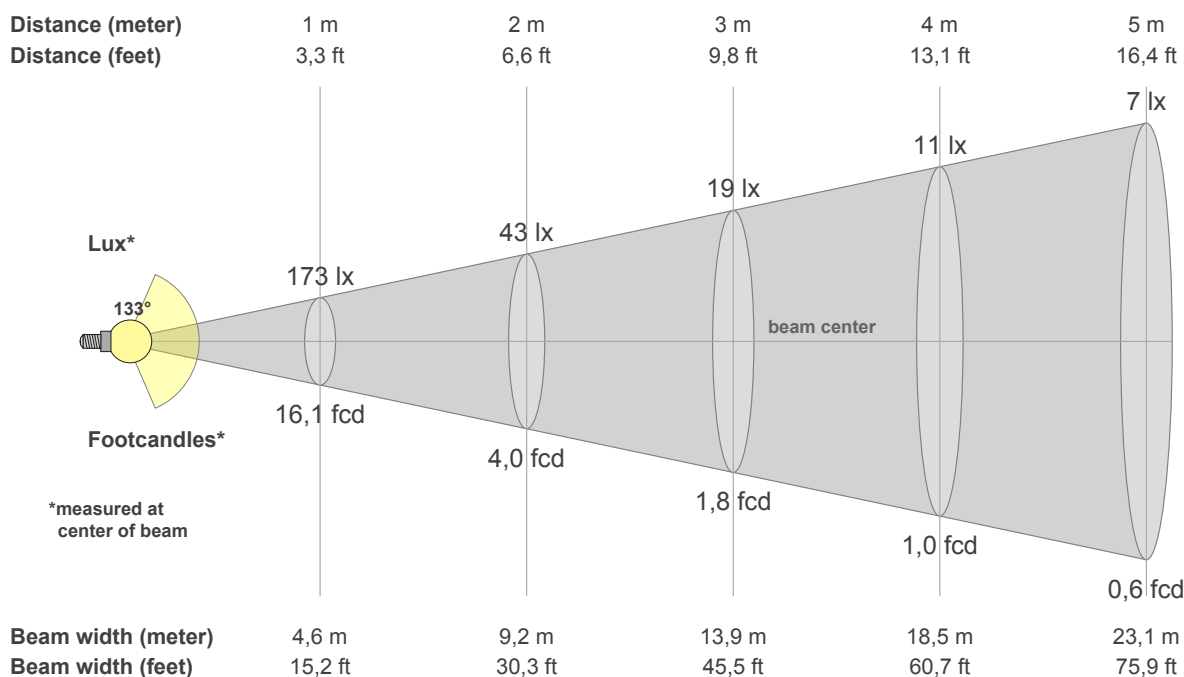
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0,0

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

FLEX RGBW - PLUS 30 - 4000 (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

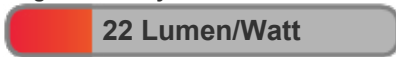
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
173	173	172	170	168	164	159	154	147	139	131	119	106	92	75	57	38	20	9	2
100%	100%	99%	98%	97%	95%	92%	89%	85%	81%	76%	69%	61%	53%	43%	33%	22%	12%	5%	1%

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 - 4000 (blue-blue)

Led Strip

Light efficiency:



Light quality:



Color temperature:

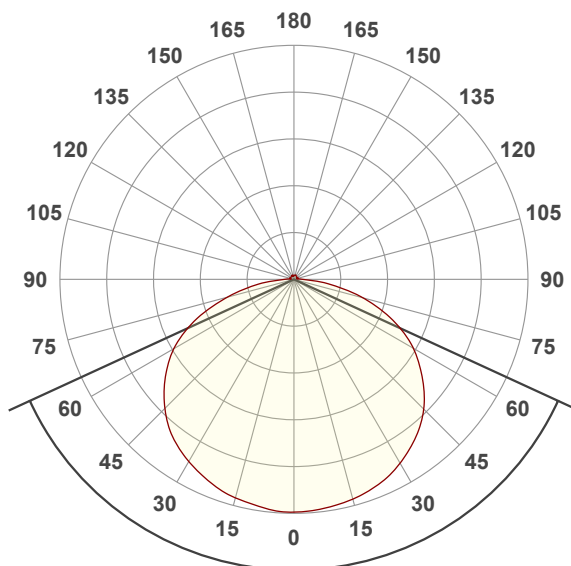


Output: 165 lm

Peak: 45,7 cd

Power: 7,5 W

24,0V @ 0,313A



Beam angle

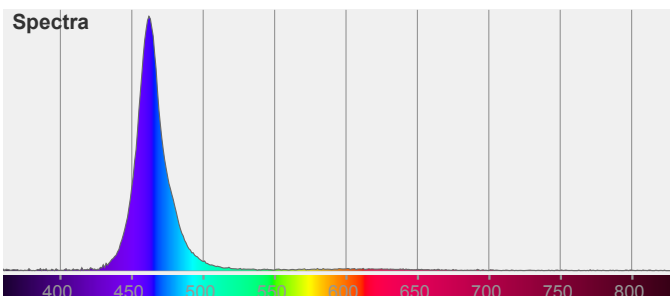
130,6°

Color



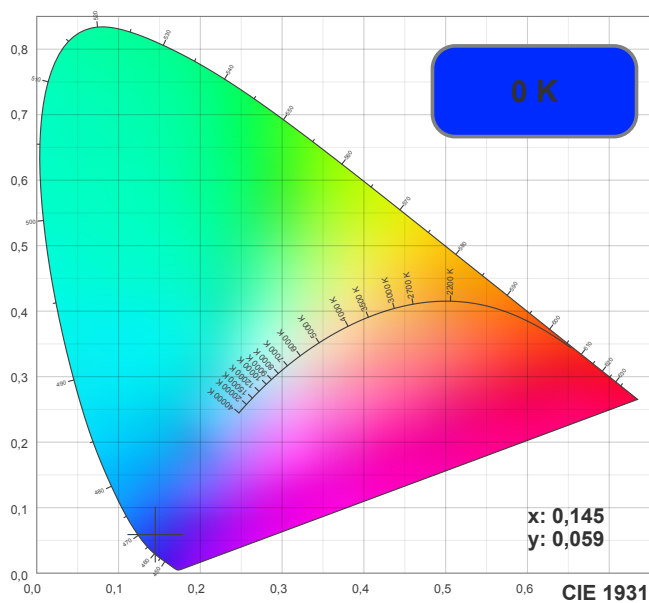
CIE1931
x: 0,145
y: 0,059

Spectra



FLEX RGBW - PLUS 30 - 4000 (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

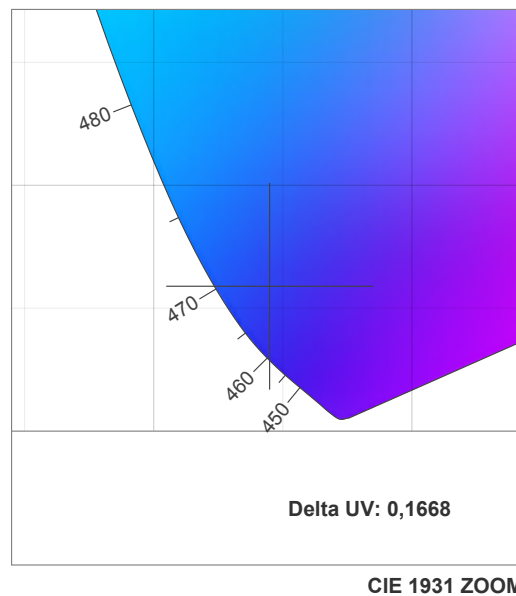
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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)

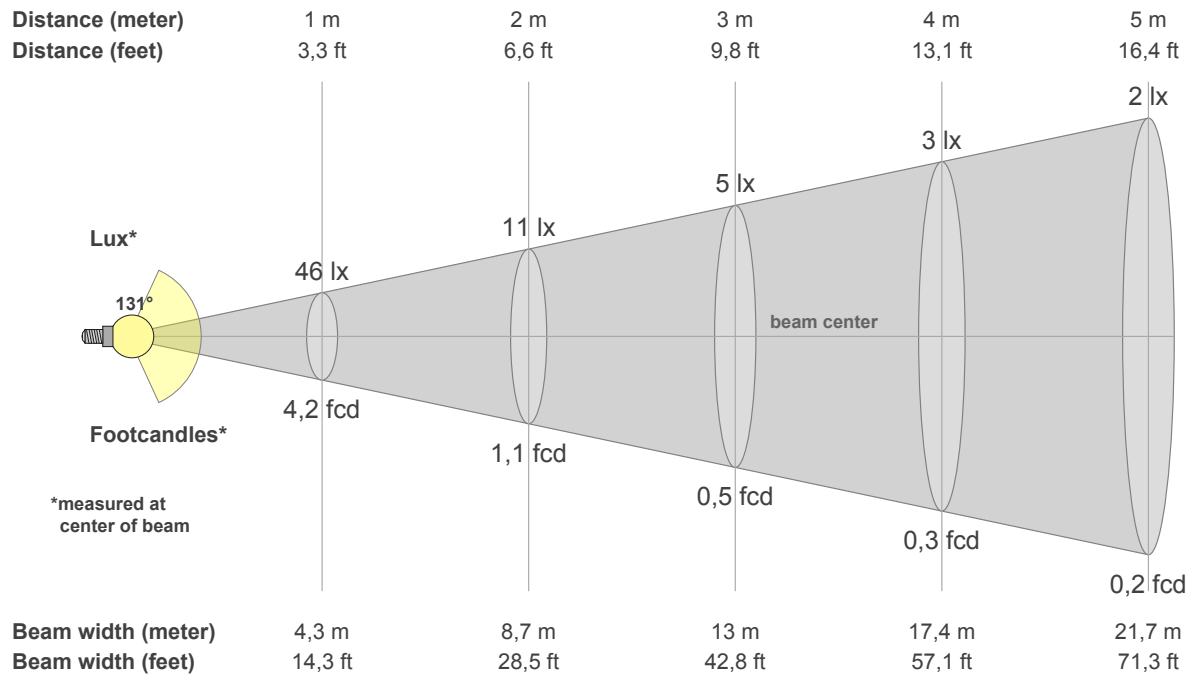
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0,0

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

FLEX RGBW - PLUS 30 - 4000 (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 - 4000 (bianco-white)

Led Strip

Light efficiency:

113 Lumen/Watt

Light quality:

CRI: 82,0

Color temperature:

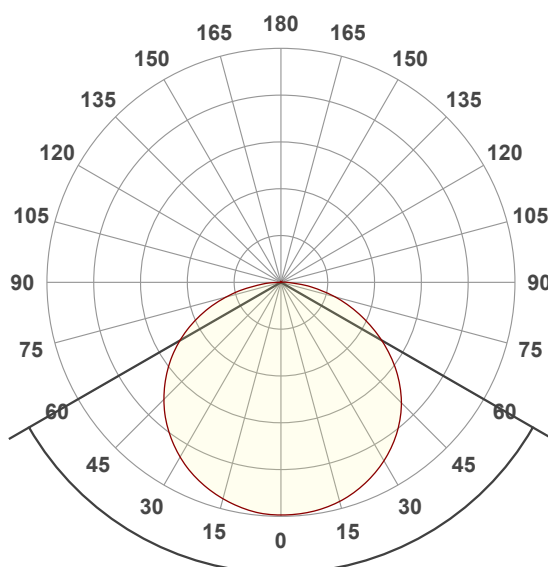
4253 K

Output: 849 lm

Peak: 269 cd

Power: 7,5 W

24,0V @ 0,313A



Beam angle

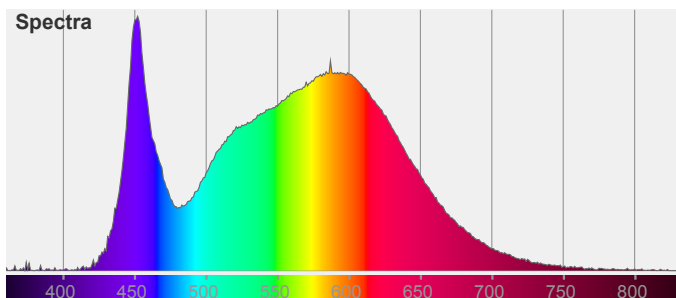
120,1°

Color



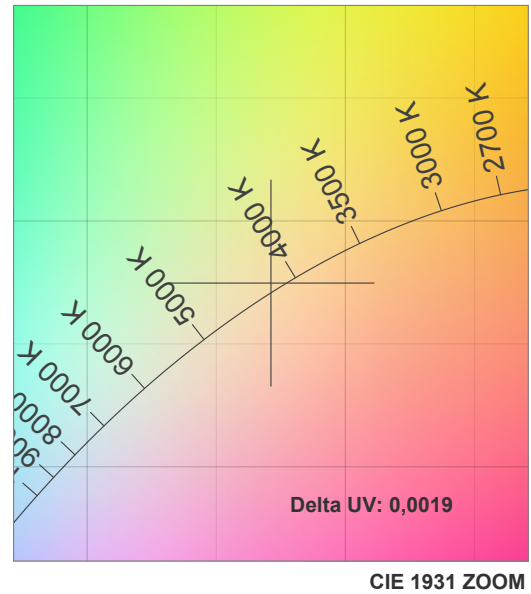
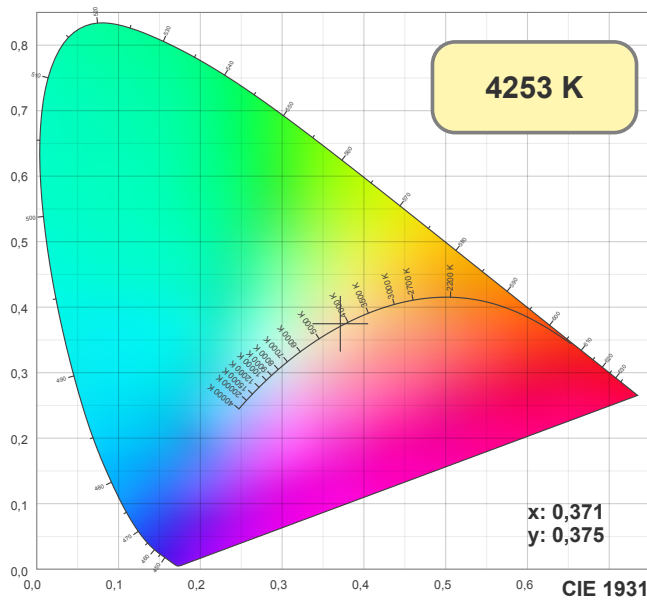
CIE1931
x: 0,371
y: 0,375

Spectra

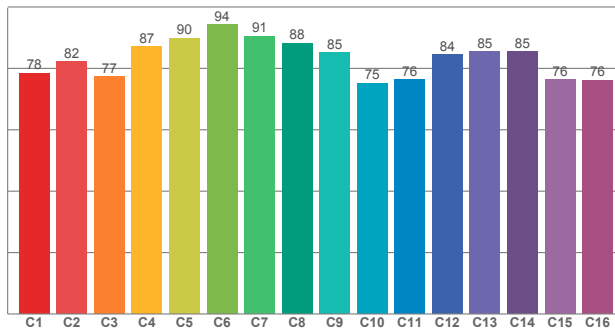


FLEX RGBW - PLUS 30 - 4000 (bianco-white)

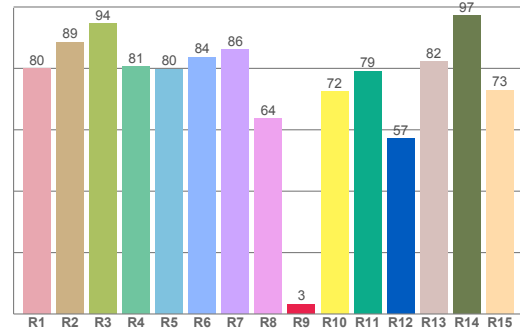
Led Strip



TM30: 83,0



CRI: 82,0 (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
79,95	88,51	94,50	80,54	79,75	83,60	86,01	63,53	3,15	72,45	79,12	57,16	82,24	97,17	72,91

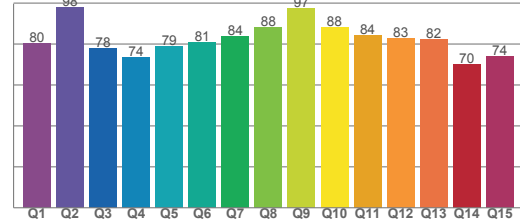
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,47	82,10	77,21	87,10	89,80	94,23	90,51	88,23	85,04	75,24	76,26	84,47	85,46	85,37	76,27	76,10

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,44	98,07	78,11	73,60	78,87	81,05	83,80	88,20	97,39	88,41	84,50	83,05	82,39	70,02	74,00

CQS: 81,2

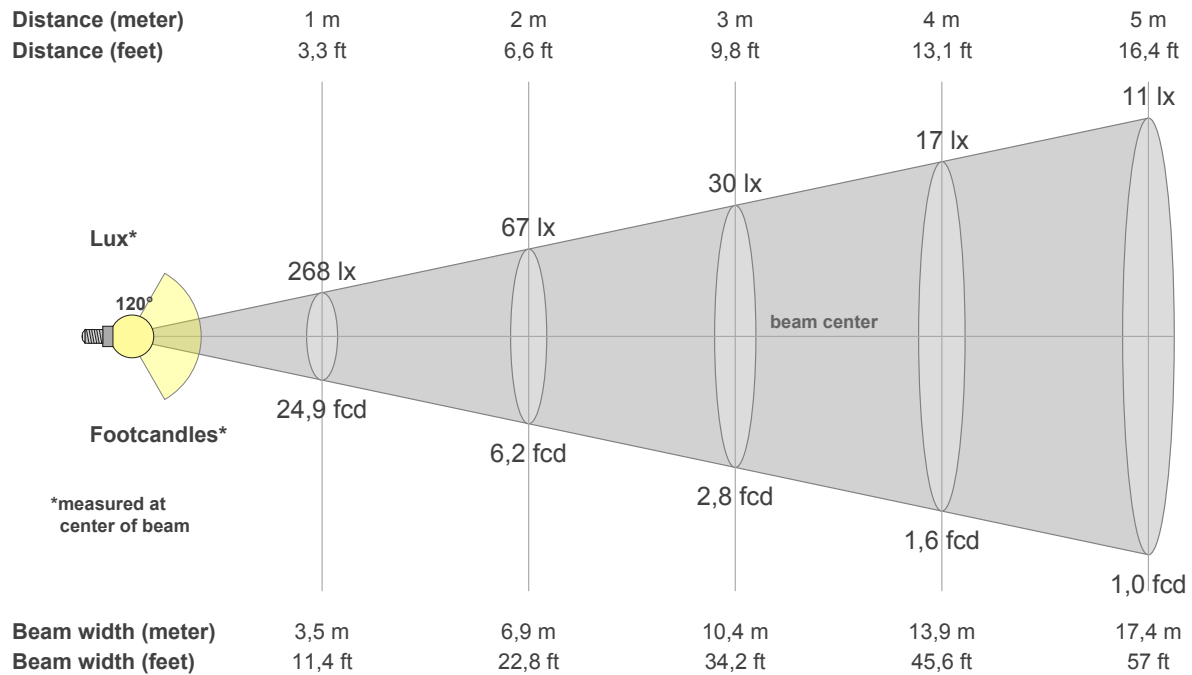


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4253 K	82,0	3,2	83,0	94,3	81,2	0,4	0,4	0,2	0,3	0,0019

FLEX RGBW - PLUS 30 - 4000 (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°
268	268	266	262	255	248	238	226	212	197	178	157	135	111	88	65	42	22	7	1
100%	100%	99%	97%	95%	92%	89%	84%	79%	73%	66%	58%	50%	41%	33%	24%	16%	8%	3%	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°
268	268	266	262	255	248	238	226	212	197	178	157	135	111	88	65	42	22	7	1
100%	100%	99%	97%	95%	92%	89%	84%	79%	73%	66%	58%	50%	41%	33%	24%	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°
268	268	264	259	252	243	233	221	207	191	174	155	135	113	90	66	43	20	7	1
100%	100%	98%	96%	94%	91%	87%	82%	77%	71%	65%	58%	50%	42%	34%	25%	16%	8%	3%	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°
268	268	264	259	252	243	233	221	207	191	174	155	135	113	90	66	43	20	7	1
100%	100%	98%	96%	94%	91%	87%	82%	77%	71%	65%	58%	50%	42%	34%	25%	16%	8%	3%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
120,1°	167,2°	180,6°	75,5%	50,3%