

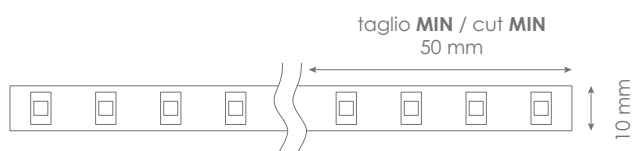
FLEX RGB - PLUS 17

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	17 W/mt
Larghezza Pcb / Width Pcb	10 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	50 mm
N° LED	120 / mt
IP	20
Temperatura esercizio Storage Temperature	- 30° C - + 70°C
Lifetime	L70B20 50000H

	Flusso Luminoso (rosso) Luminous Flux (red)	Flusso Luminoso (verde) Luminous Flux (green)	Flusso Luminoso (blu) Luminous Flux (blue)
DA-RGB-PLUS17	162 lm/mt	422 lm/mt	102 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

FLEX RGB - PLUS 17 (rosso-red)

Led Strip

Light efficiency:

28 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

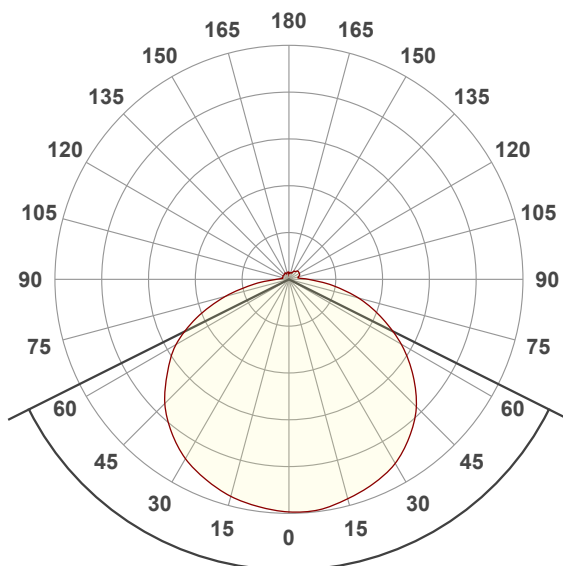
0 K

Output: 162 lm

Peak: 44,2 cd

Power: 5,7 W

24,0V @ 0,238A



Beam angle

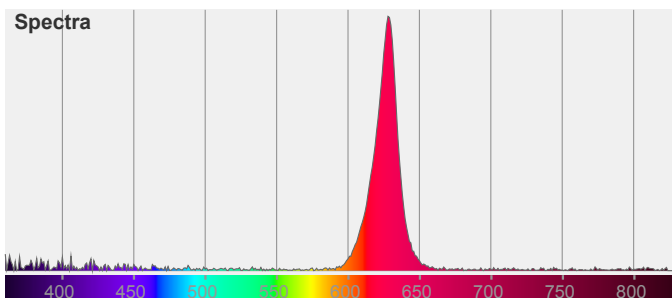
126,8°

Color



CIE1931
x: 0,650
y: 0,297

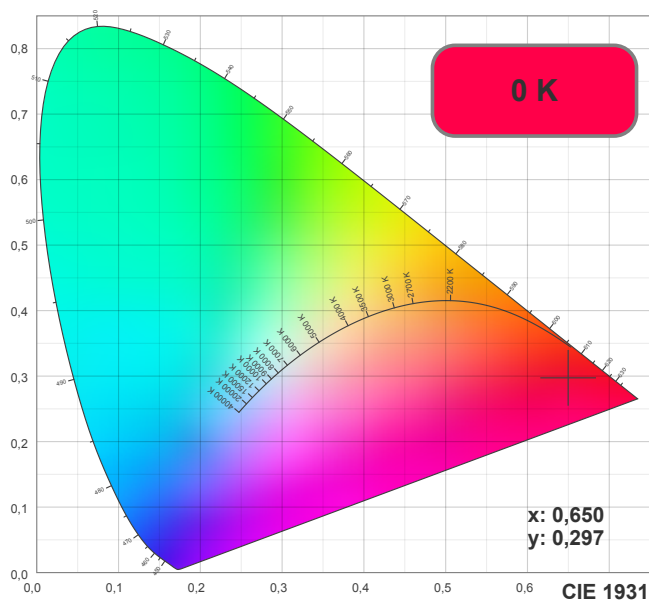
Spectra



Light measurement was created using the Viso Systems - Light Inspector. www.visosystems.com

FLEX RGB - PLUS 17 (rosso-red)

Led Strip



TM30: 0,0

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

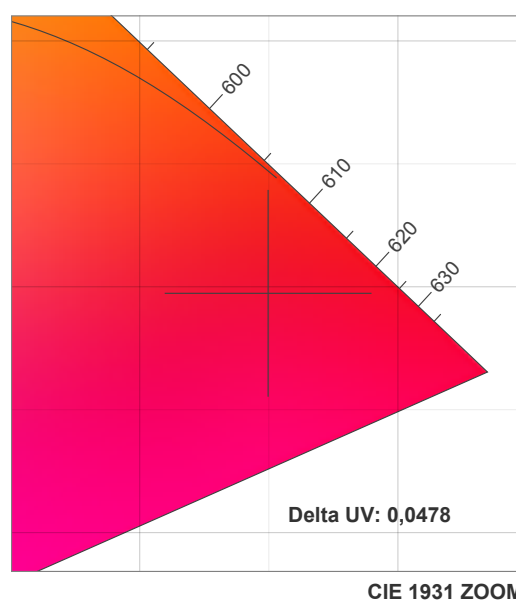
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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	0,6	0,3	0,5	0,3	NaN



CRI: 0,0 (R1-R8)

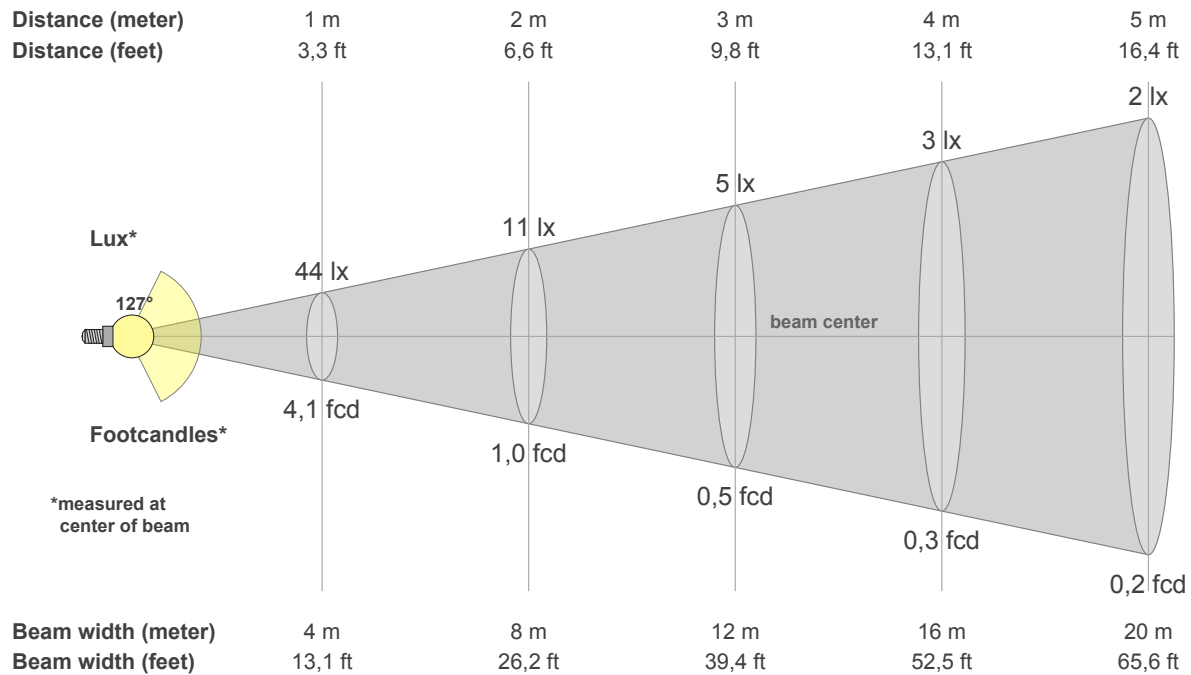
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15		

CQS: 0,0

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

FLEX RGB - PLUS 17 (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°
44,2	44,2	43,8	43,1	42,4	41,5	40,4	38,5	36,5	34,2	31,2	28,0	24,6	20,9	17,3	13,7	9,9	6,6	3,8	2,4
100%	100%	99%	98%	96%	94%	91%	87%	83%	77%	71%	63%	56%	47%	39%	31%	22%	15%	9%	6%

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°
44,2	44,2	43,8	43,1	42,4	41,5	40,4	38,5	36,5	34,2	31,2	28,0	24,6	20,9	17,3	13,7	9,9	6,6	3,8	2,4
100%	100%	99%	98%	96%	94%	91%	87%	83%	77%	71%	63%	56%	47%	39%	31%	22%	15%	9%	6%

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°
44,2	43,8	43,3	42,7	41,7	40,6	39,3	37,5	35,5	33,3	30,5	27,7	24,8	20,9	16,8	12,5	8,5	5,1	2,4	1,6
100%	99%	98%	97%	94%	92%	89%	85%	80%	75%	69%	63%	56%	47%	38%	28%	19%	12%	5%	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°
44,2	43,8	43,3	42,7	41,7	40,6	39,3	37,5	35,5	33,3	30,5	27,7	24,8	20,9	16,8	12,5	8,5	5,1	2,4	1,6
100%	99%	98%	97%	94%	92%	89%	85%	80%	75%	69%	63%	56%	47%	38%	28%	19%	12%	5%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
126,8°	174,8°	360,0°	68,0%	44,5%

FLEX RGB - PLUS 17 (verde-green)

Led Strip

Light efficiency:

74 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

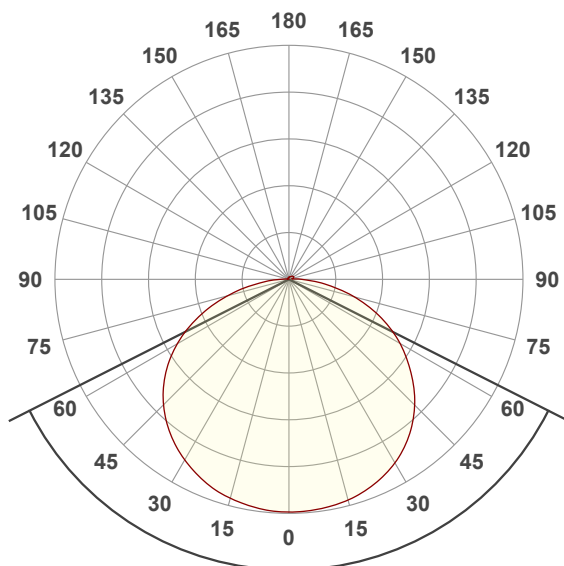
0 K

Output: 422 lm

Peak: 122 cd

Power: 5,7 W

24,0V @ 0,238A



Beam angle

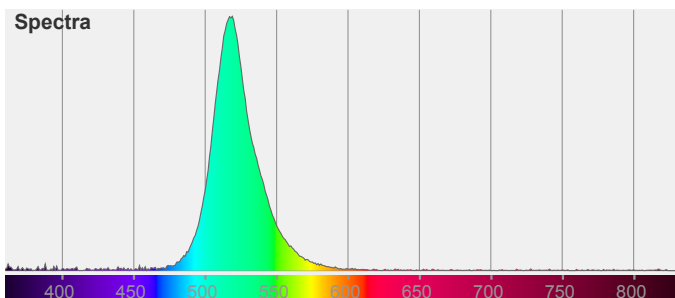
126,3°

Color



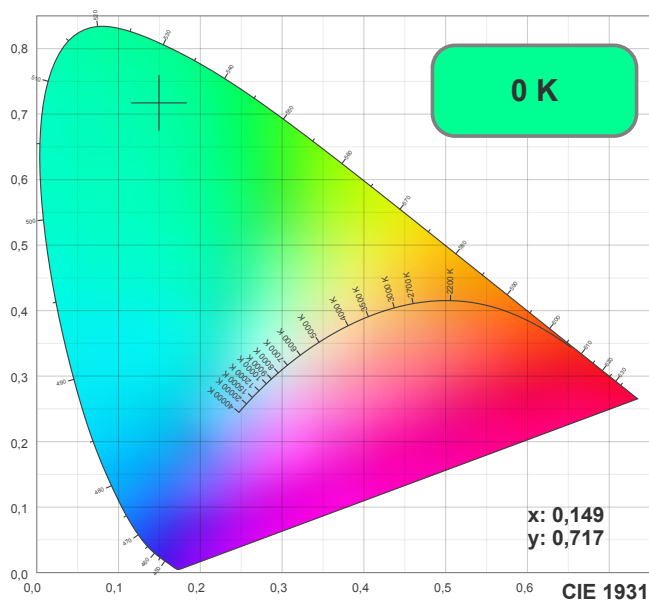
CIE1931
x: 0,149
y: 0,717

Spectra



FLEX RGB - PLUS 17 (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

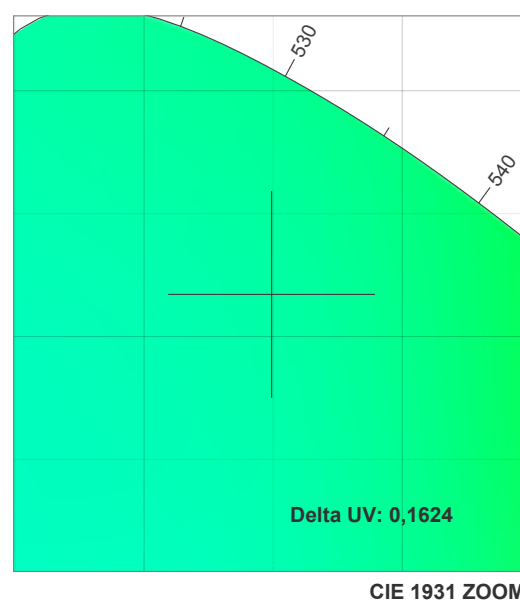
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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	0,1	0,7	0,1	0,4	NaN



CRI: 0,0 (R1-R8)

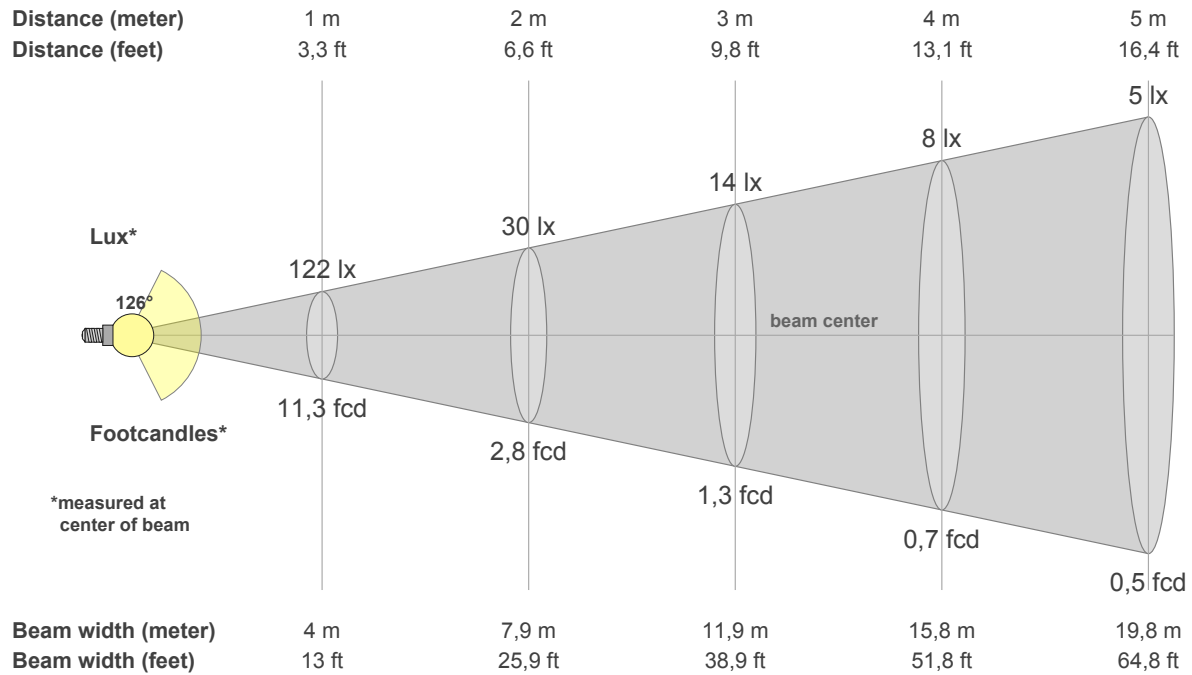
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0,0

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 RGB - PLUS 17 (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°
122	121	121	119	117	115	111	106	100	93	85	76	67	57	47	35	25	15	7	3
100%	100%	99%	98%	96%	94%	91%	87%	82%	76%	70%	63%	55%	47%	38%	29%	20%	12%	6%	3%

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°
122	121	121	119	117	115	111	106	100	93	85	76	67	57	47	35	25	15	7	3
100%	100%	99%	98%	96%	94%	91%	87%	82%	76%	70%	63%	55%	47%	38%	29%	20%	12%	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°
122	121	120	118	116	113	109	104	99	93	85	77	67	57	45	33	22	12	6	2
100%	100%	99%	97%	96%	93%	90%	86%	81%	76%	70%	63%	55%	47%	37%	27%	18%	10%	5%	2%

Intensities in 180° c-plane

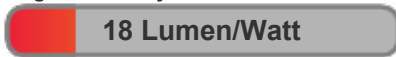
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
122	121	120	118	116	113	109	104	99	93	85	77	67	57	45	33	22	12	6	2
100%	100%	99%	97%	96%	93%	90%	86%	81%	76%	70%	63%	55%	47%	37%	27%	18%	10%	5%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
126,3°	171,5°	187,5°	71,9%	47,2%

FLEX RGB - PLUS 17 (blu-blue)

Led Strip

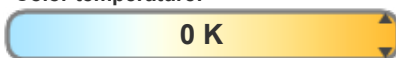
Light efficiency:



Light quality:



Color temperature:

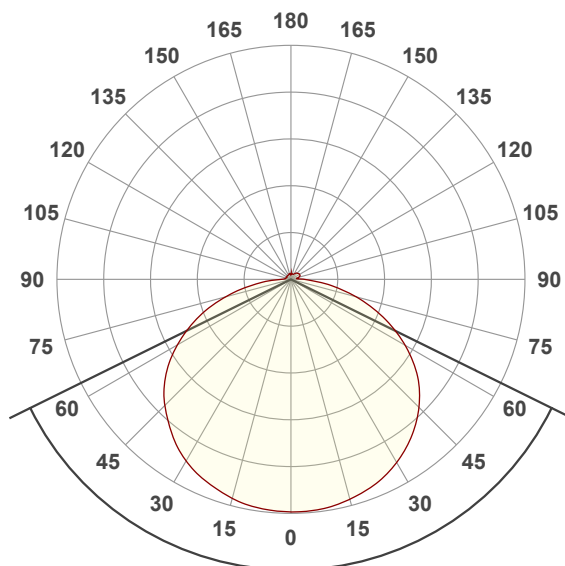


Output: 102 lm

Peak: 28,2 cd

Power: 5,7 W

24,0V @ 0,238A



Beam angle

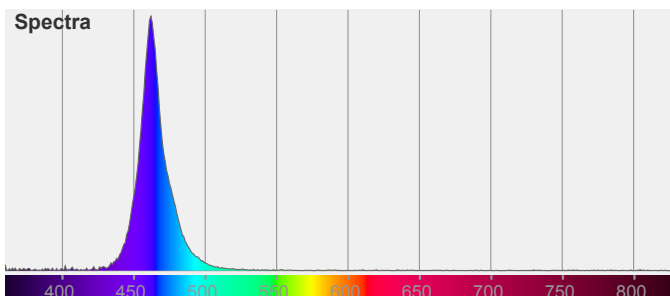
127,5°

Color



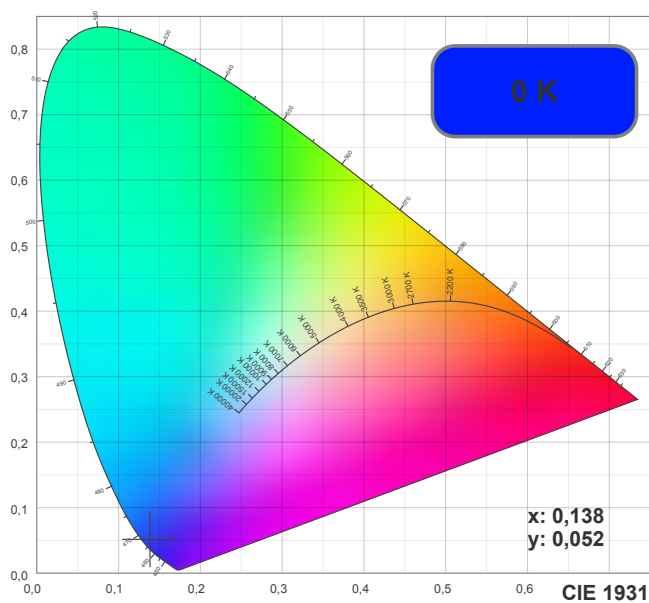
CIE1931
x: 0,138
y: 0,052

Spectra



FLEX RGB - PLUS 17 (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

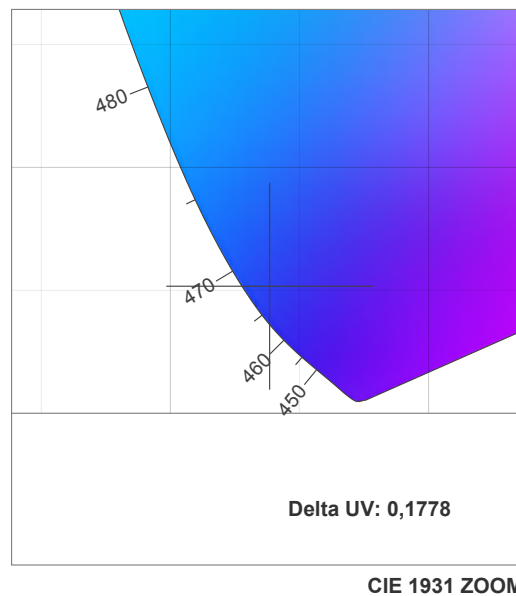
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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)

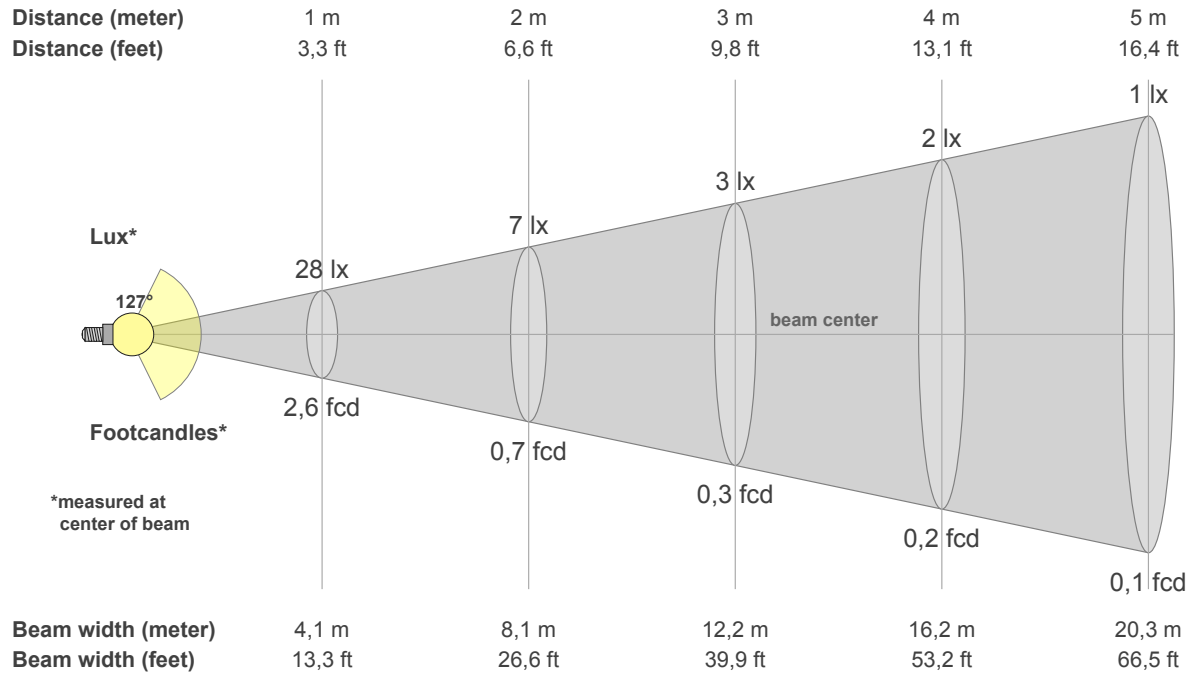
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0,0

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

FLEX RGB - PLUS 17 (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°
28,1	28,1	27,9	27,5	27,0	26,4	25,6	24,5	23,3	21,9	20,2	18,2	16,0	13,4	10,8	8,2	5,6	3,4	1,7	0,8
100%	100%	99%	98%	96%	94%	91%	87%	83%	78%	72%	65%	57%	48%	39%	29%	20%	12%	6%	3%

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°
28,1	28,1	27,9	27,5	27,0	26,4	25,6	24,5	23,3	21,9	20,2	18,2	16,0	13,4	10,8	8,2	5,6	3,4	1,7	0,8
100%	100%	99%	98%	96%	94%	91%	87%	83%	78%	72%	65%	57%	48%	39%	29%	20%	12%	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°
28,1	28,1	27,8	27,4	26,9	26,2	25,3	24,3	22,9	21,5	20,0	18,1	15,8	13,4	11,0	8,2	5,6	3,2	1,5	0,8
100%	100%	99%	97%	95%	93%	90%	86%	82%	77%	71%	64%	56%	48%	39%	29%	20%	11%	5%	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°
28,1	28,1	27,8	27,4	26,9	26,2	25,3	24,3	22,9	21,5	20,0	18,1	15,8	13,4	11,0	8,2	5,6	3,2	1,5	0,8
100%	100%	99%	97%	95%	93%	90%	86%	82%	77%	71%	64%	56%	48%	39%	29%	20%	11%	5%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
127,5°	172,6°	343,3°	69,7%	45,4%