

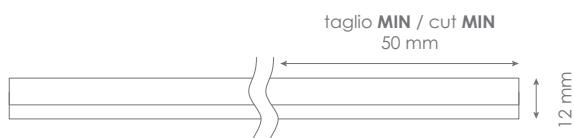
FLEX COB - SIDE RGB

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	12 W/mt
Larghezza Pcb / Width Pcb	12 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	50 mm
N° LED	COB
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-COB-SIDE-RGB	75 lm/mt	373 lm/mt	41 lm/mt



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RoHS
Compliant

FLEX COB - SIDE RGB (rosso-red)

Led Strip

Light efficiency:

19 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

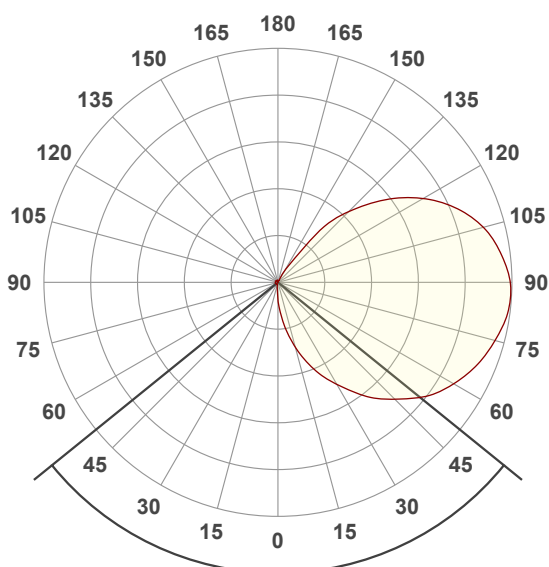
0 K

Output: 74,7 lm

Peak: 16,7 cd

Power: 4,0 W

24,0V @ 0,167A



Beam angle

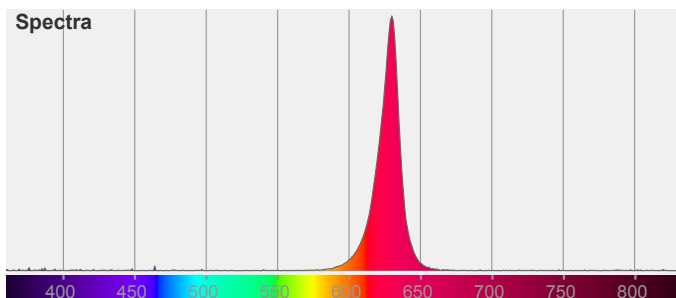
102°

Color



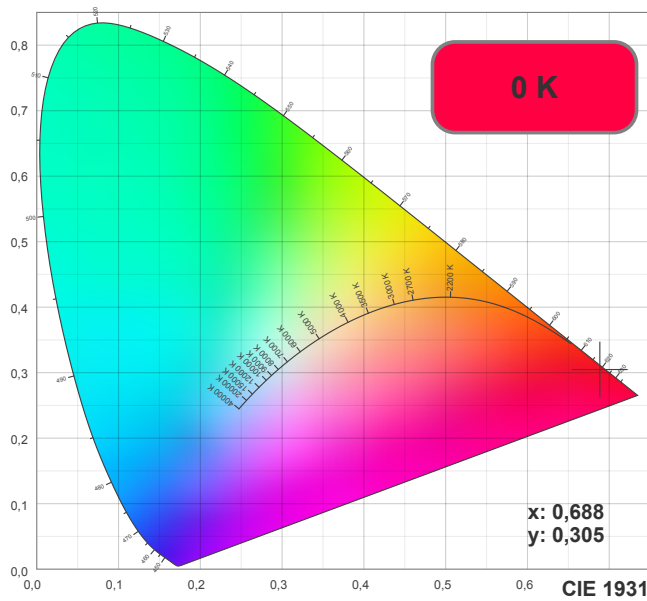
CIE1931
x: 0,688
y: 0,305

Spectra



FLEX COB - SIDE RGB (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	

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
102,0°	145,0°	160,1°	22,3%	10,5%

FLEX COB - SIDE RGB (verde-green)

Led Strip

Light efficiency:

93 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

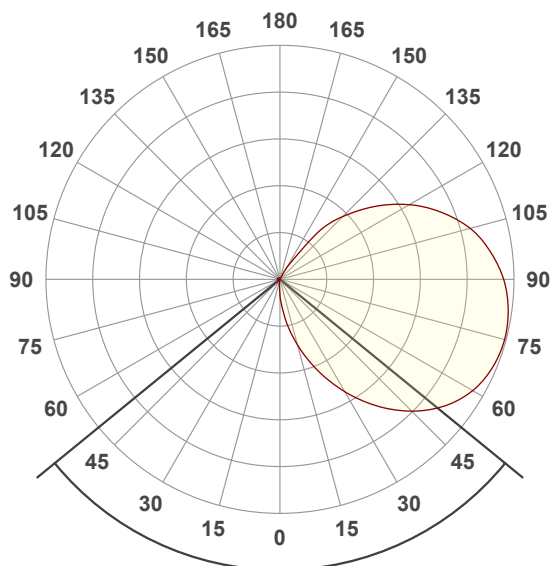
0 K

Output: 373 lm

Peak: 84,0 cd

Power: 4,0 W

24,0V @ 0,167A



Beam angle

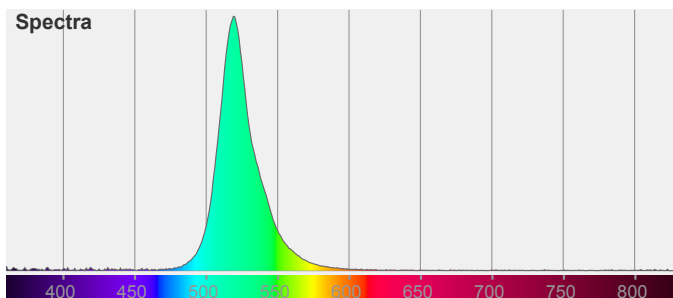
101,5°

Color



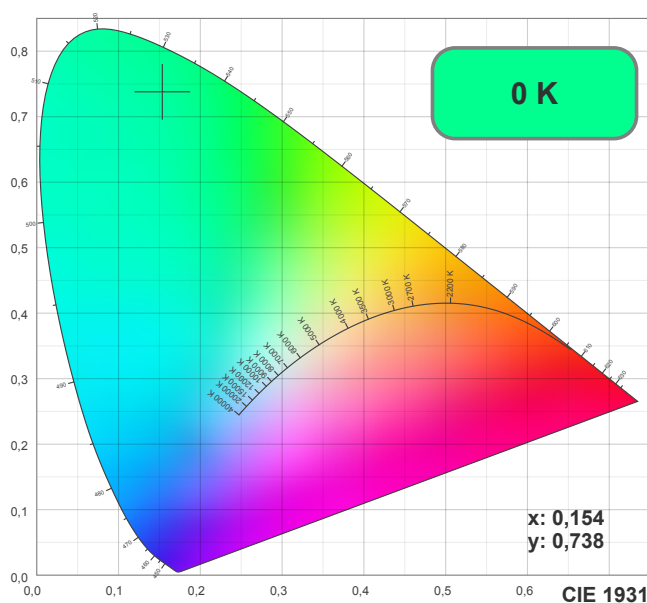
CIE1931
x: 0,154
y: 0,738

Spectra



FLEX COB - SIDE RGB (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

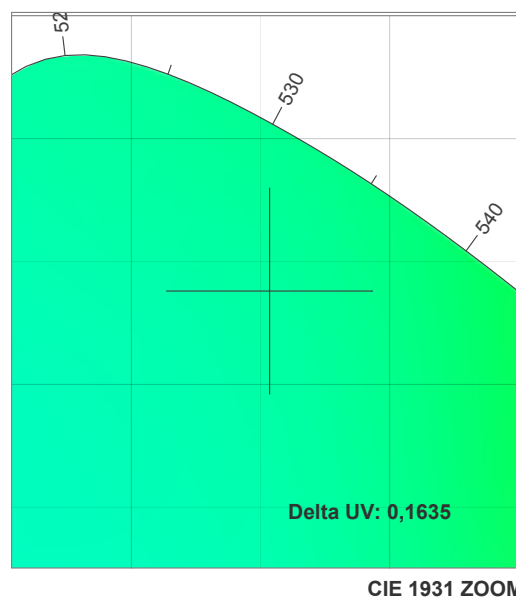
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

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)

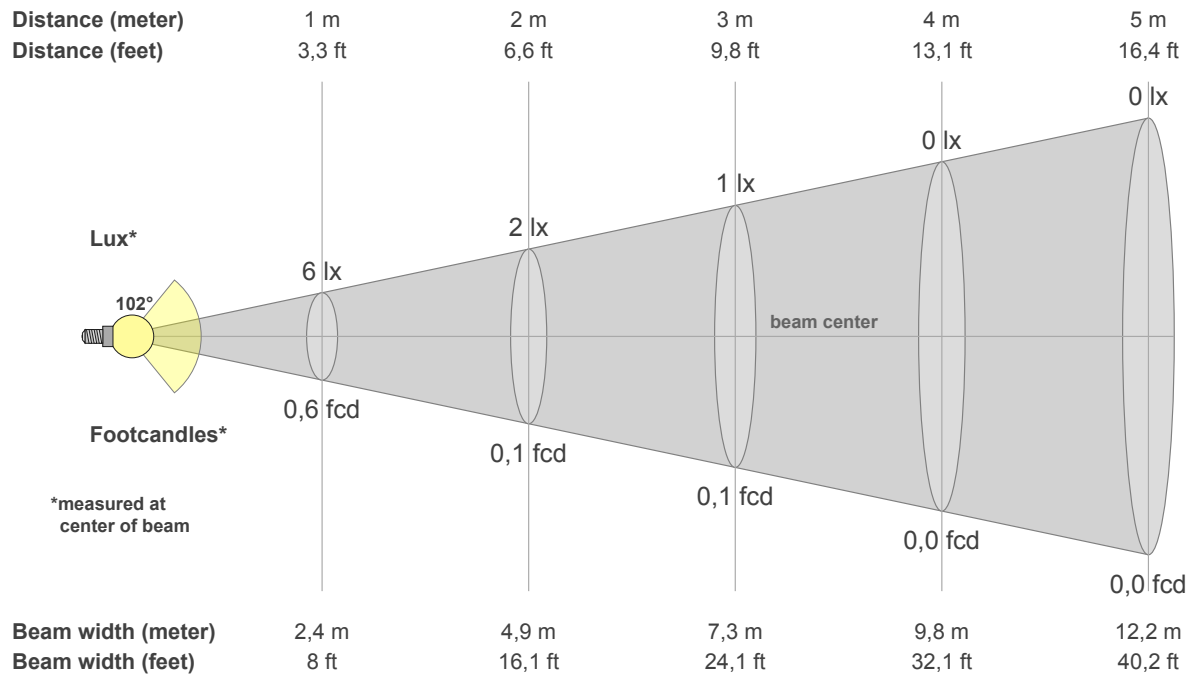
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0,0

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 COB - SIDE RGB (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°
6,1	11,3	17,6	24,6	31,9	39,3	46,8	54,0	60,9	67,2	72,4	76,9	80,2	82,2	83,4	83,9	83,4	82,4	80,7	78,0
100%	183%	287%	401%	519%	641%	762%	880%	992%	1094%	1180%	1252%	1307%	1338%	1358%	1367%	1358%	1341%	1315%	1270%

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°
6,1	11,3	17,6	24,6	31,9	39,3	46,8	54,0	60,9	67,2	72,4	76,9	80,2	82,2	83,4	83,9	83,4	82,4	80,7	78,0
100%	183%	287%	401%	519%	641%	762%	880%	992%	1094%	1180%	1252%	1307%	1338%	1358%	1367%	1358%	1341%	1315%	1270%

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°
6,1	2,3	1,0	0,4	0,4	0,4	0,4	0,4	0,5	0,5	0,5	0,6	0,5	0,6	0,6	0,7	0,7	0,7	0,8	0,8
100%	37%	15%	7%	6%	6%	7%	7%	8%	8%	8%	9%	9%	9%	10%	12%	12%	11%	13%	13%

Intensities in 180° c-plane

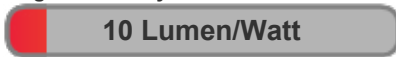
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
6,1	2,3	1,0	0,4	0,4	0,4	0,4	0,4	0,5	0,5	0,5	0,6	0,5	0,6	0,6	0,7	0,7	0,7	0,8	0,8
100%	37%	15%	7%	6%	6%	7%	7%	8%	8%	8%	9%	9%	9%	10%	12%	12%	11%	13%	13%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
101,5°	144,2°	158,6°	24,6%	11,5%

FLEX COB - SIDE RGB (blu-blue)

Led Strip

Light efficiency:



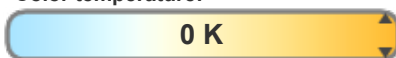
Output: 41,2 lm

Light quality:



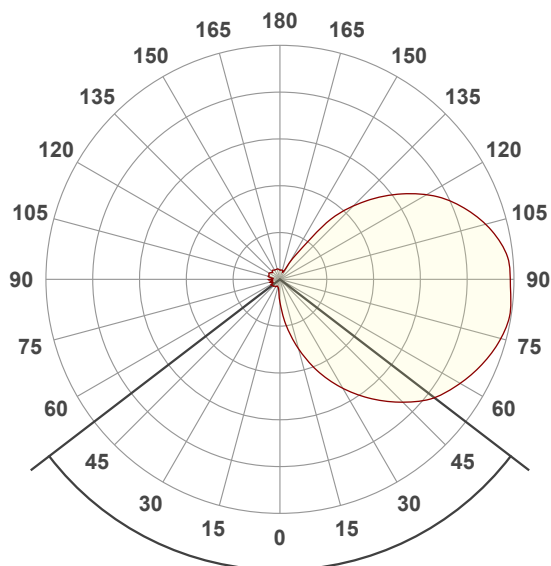
Peak: 8,62 cd

Color temperature:



Power: 4,0 W

24,0V @ 0,167A



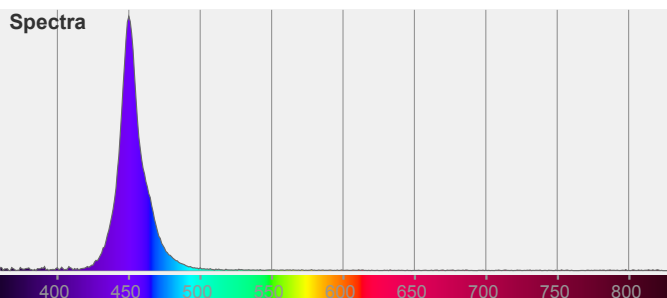
Beam angle

105,1°

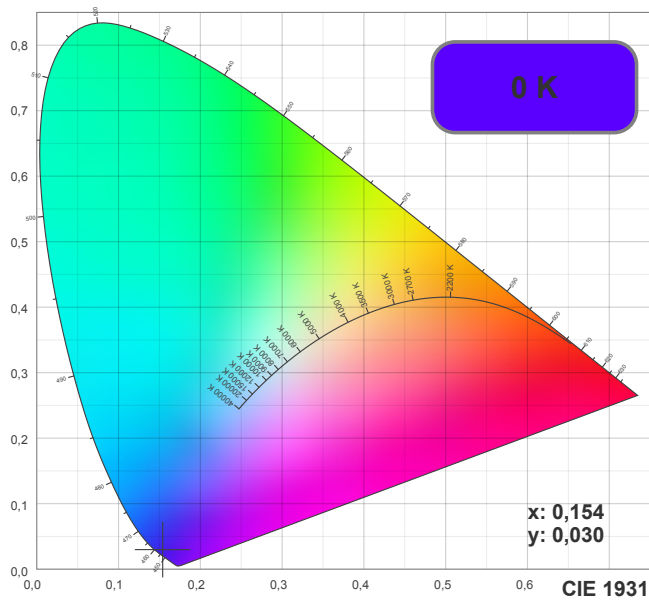
Color



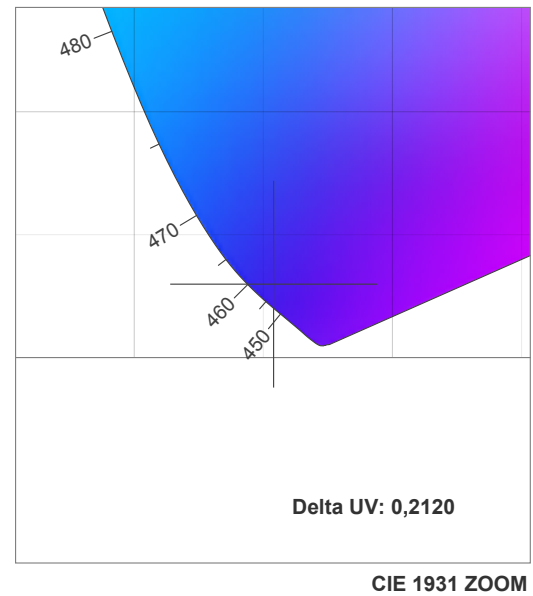
CIE1931
x: 0,154
y: 0,030



FLEX COB - SIDE RGB (blu-blue)
Led Strip



TM30: 0,0



CRI: 0,0 (R1-R8)

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

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

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

[illegible]

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

[illegible]

CQS Q values

[illegible]

CQS: 0,0

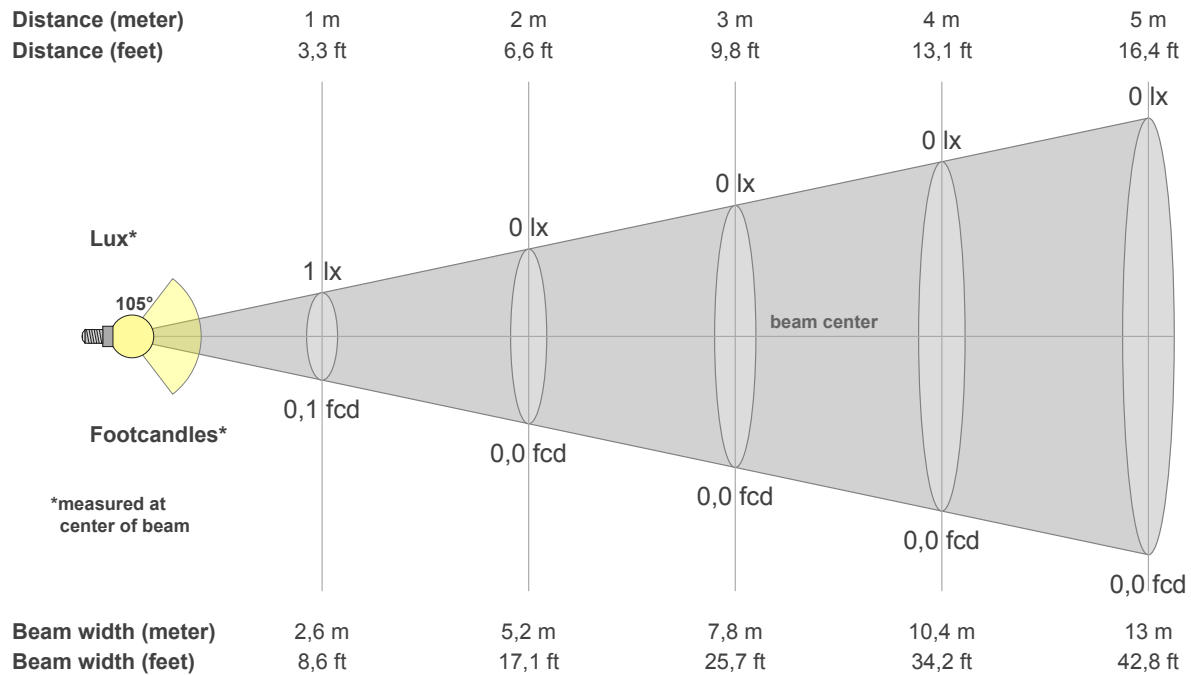
[illegible]

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	0,0	0,2	0,1	NaN

FLEX COB - SIDE RGB (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°
0,85	1,41	2,02	2,67	3,36	4,02	4,66	5,28	5,87	6,44	6,97	7,37	7,71	8,01	8,26	8,47	8,60	8,58	8,53	8,49
100%	167%	238%	315%	395%	474%	549%	622%	691%	758%	821%	869%	908%	943%	973%	997%	1014%	1011%	1006%	1000%

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°
0,85	1,41	2,02	2,67	3,36	4,02	4,66	5,28	5,87	6,44	6,97	7,37	7,71	8,01	8,26	8,47	8,60	8,58	8,53	8,49
100%	167%	238%	315%	395%	474%	549%	622%	691%	758%	821%	869%	908%	943%	973%	997%	1014%	1011%	1006%	1000%

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°
0,85	0,52	0,34	0,29	0,27	0,29	0,32	0,31	0,33	0,36	0,35	0,37	0,37	0,29	0,34	0,37	0,29	0,36	0,38	0,27
100%	62%	41%	35%	32%	34%	37%	37%	39%	42%	41%	43%	44%	35%	40%	43%	34%	42%	45%	31%

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°
0,85	0,52	0,34	0,29	0,27	0,29	0,32	0,31	0,33	0,36	0,35	0,37	0,37	0,29	0,34	0,37	0,29	0,36	0,38	0,27
100%	62%	41%	35%	32%	34%	37%	37%	39%	42%	41%	43%	44%	35%	40%	43%	34%	42%	45%	31%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
105,1°	149,1°	360,0°	22,8%	10,9%