

FLEX - STANDARD 15-1P-4000

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	15 W/mt
Larghezza Pcb / Width Pcb	10 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	5,55 mm
N° LED	180 / mt
IP	20
Temperatura esercizio Storage Temperature	- 30° C - + 70°C
Lifetime	L70B20 50000H

	Flusso Luminoso Luminous Flux	Efficienza Efficiency	Colore Luce Led Color
DA-STANDARD-15-1P-4000	1796 lm/mt	120 lm/W	4000 K



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



RoHS
Compliant

CRI>94

FLEX - STANDARD 15-1P-4000

Led Strip

Light efficiency:

120 Lumen/Watt

Light quality:

CRI: 94,5

Color temperature:

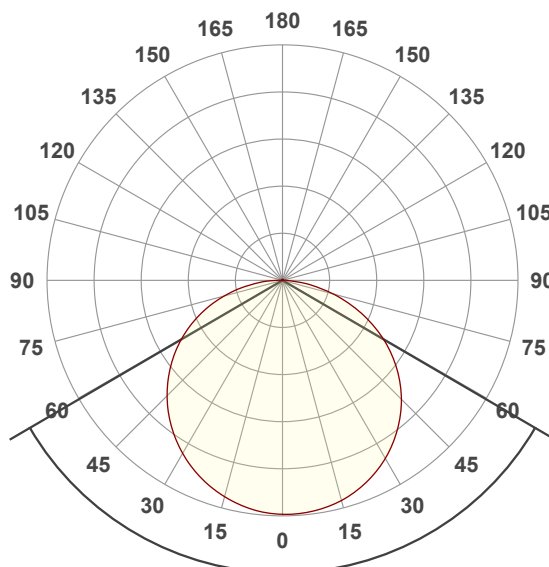
4175 K

Output: 1796 lm

Peak: 572 cd

Power: 15,0 W

24,0V @ 0,625A



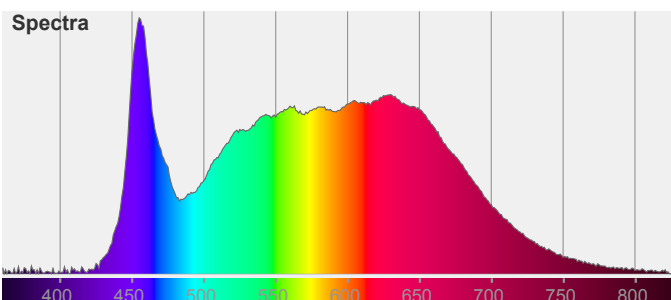
Beam angle

119,4°

Color

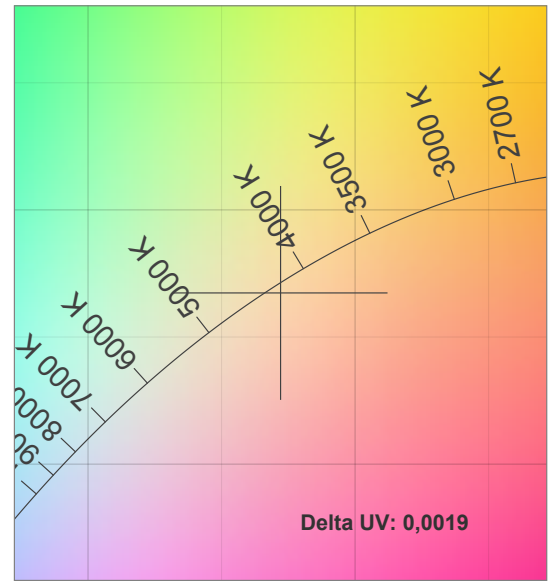
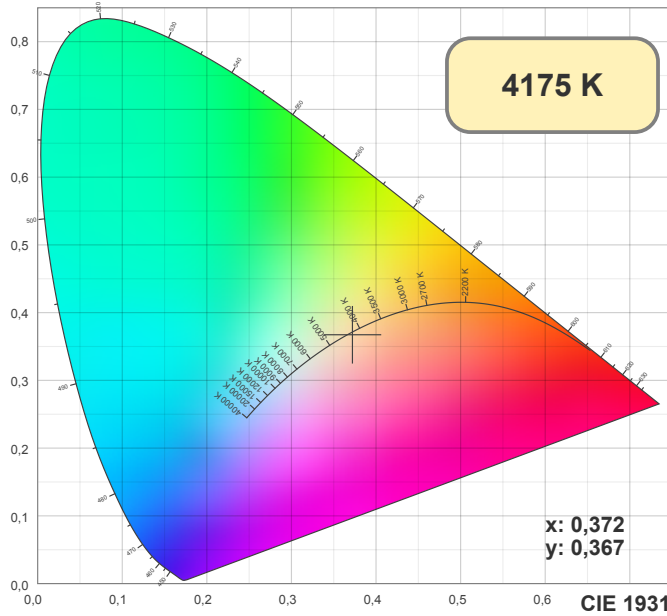


CIE1931
x: 0,372
y: 0,367

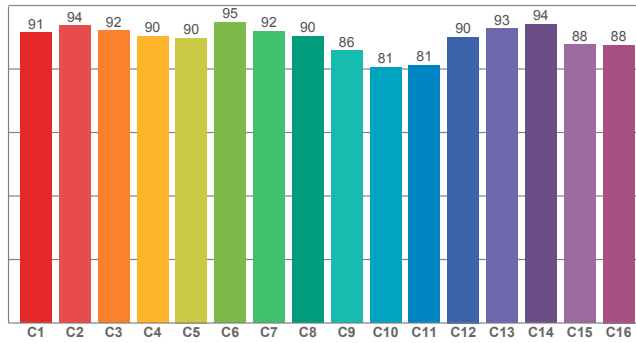


FLEX - STANDARD 15-1P-4000

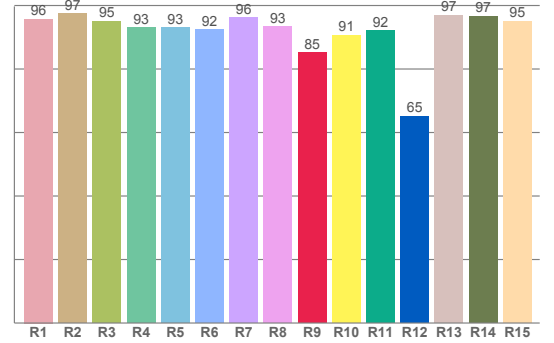
Led Strip



TM30: 89,2



CRI: 94,5 (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
95,76	97,39	94,97	92,96	92,93	92,36	96,15	93,25	85,05	90,64	92,00	65,06	96,88	96,66	95,04

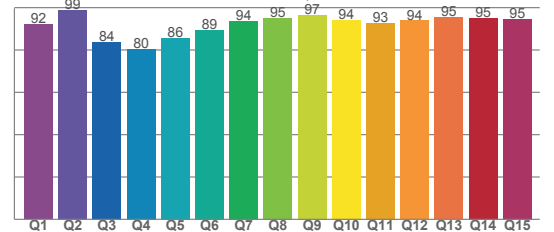
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,36	93,58	92,06	90,37	89,76	94,79	91,84	90,39	85,75	80,58	81,14	90,08	92,73	94,06	87,59	87,56

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,01	98,86	83,78	80,44	85,69	89,41	93,58	95,21	96,68	94,12	92,62	93,86	95,33	95,13	94,71

CQS: 90,7

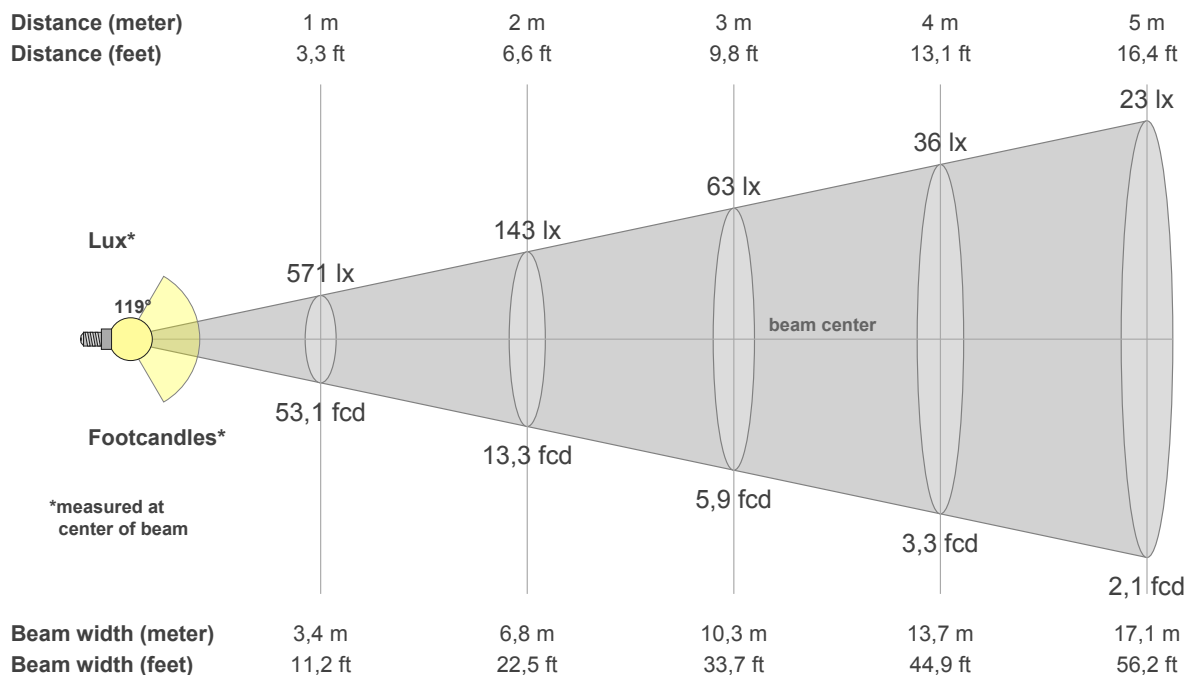


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4175 K	94,5	85,0	89,2	98,4	90,7	0,4	0,4	0,2	0,3	-0,0019

FLEX - STANDARD 15-1P-4000

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°
571	570	566	557	542	524	503	475	445	411	372	329	283	233	181	129	78	38	11	2
100%	100%	99%	97%	95%	92%	88%	83%	78%	72%	65%	58%	50%	41%	32%	23%	14%	7%	2%	0%

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°
571	570	566	557	542	524	503	475	445	411	372	329	283	233	181	129	78	38	11	2
100%	100%	99%	97%	95%	92%	88%	83%	78%	72%	65%	58%	50%	41%	32%	23%	14%	7%	2%	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°
571	568	559	547	532	511	488	462	431	398	363	325	284	241	195	148	101	55	23	6
100%	99%	98%	96%	93%	89%	85%	81%	76%	70%	64%	57%	50%	42%	34%	26%	18%	10%	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°
571	568	559	547	532	511	488	462	431	398	363	325	284	241	195	148	101	55	23	6
100%	99%	98%	96%	93%	89%	85%	81%	76%	70%	64%	57%	50%	42%	34%	26%	18%	10%	4%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
119,4°	167,2°	179,6°	75,1%	50,0%