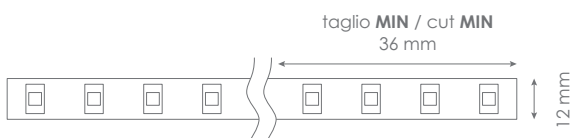
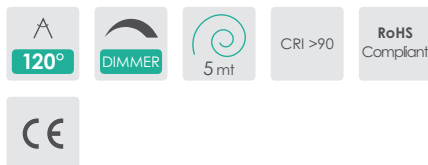


FLEX STANDARD 1700-4000



SPECIFICATIONS

Alimentazione / Operating Voltage	24 V
Potenza / Power	13,5 W/mt
Larghezza Pcb / Width Pcb	12 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	36 mm
N° LED	224 / mt
IP	20
Temperatura esercizio Storage Temperature	- 30° C - + 70°C
Lifetime	L70B20 50000H



Codice Code	Flusso Luminoso Luminous Flux	Efficienza Efficiency	Colore Luce Led Color
DA-STANDARD-1700-4000	1752 lm/mt	135 lm/W	4000 K



FLEX

STANDARD 1700-4000

Light efficiency:

135 Lumen/Watt

Light quality:

CRI: 92,9

Color temperature:

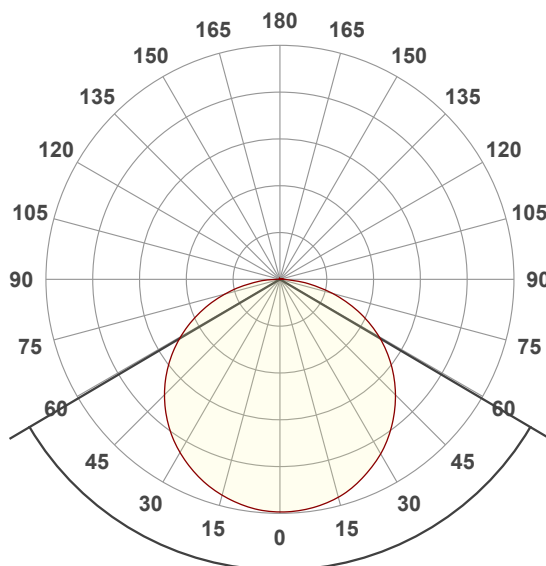
4125 K

Output: 1752 lm

Peak: 564 cd

Power: 13,0 W

24,0V @ 0,542A



Beam angle

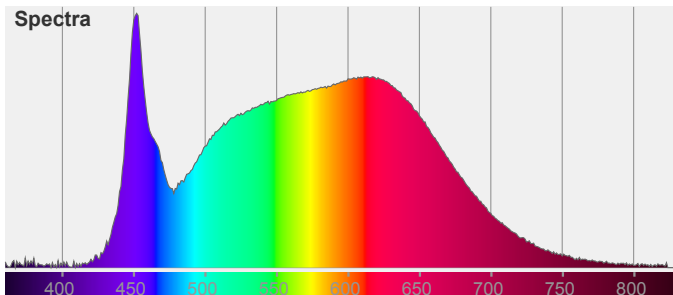
118,9°

Color



CIE1931
x: 0,376
y: 0,377

Spectra



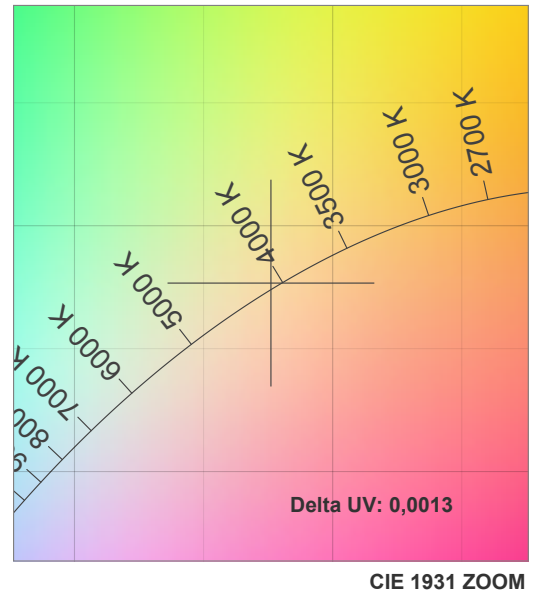
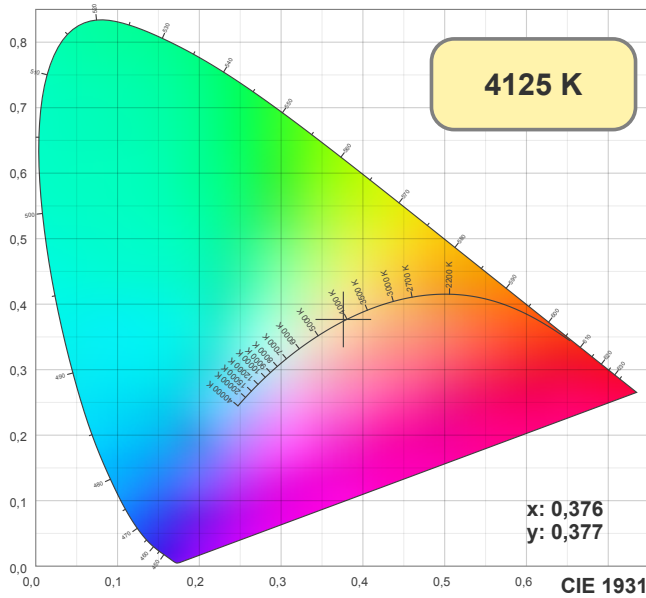
Light measurement was created using the Viso Systems - Light Inspector. www.visosystems.com



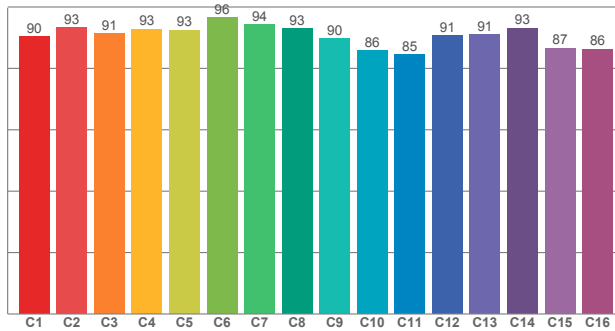
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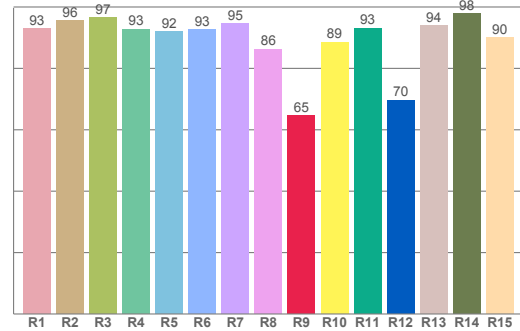
STANDARD 1700-4000



TM30: 90,5



CRI: 92,9 (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
92,99	95,60	96,51	92,80	91,87	92,52	94,58	86,20	64,61	88,52	93,03	69,63	93,88	97,85	90,03

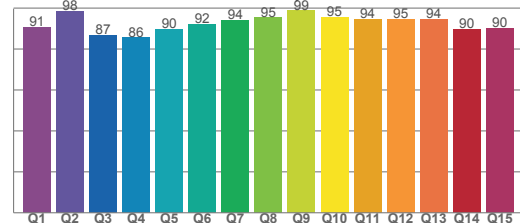
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90,29	93,20	91,30	92,80	92,51	96,44	94,31	93,01	89,64	85,81	84,54	90,72	90,93	93,16	86,55	86,29

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,60	98,32	86,91	85,53	89,90	92,05	93,95	95,38	98,74	95,47	94,49	94,52	94,49	89,62	90,37

CQS: 91,8



Color parameters

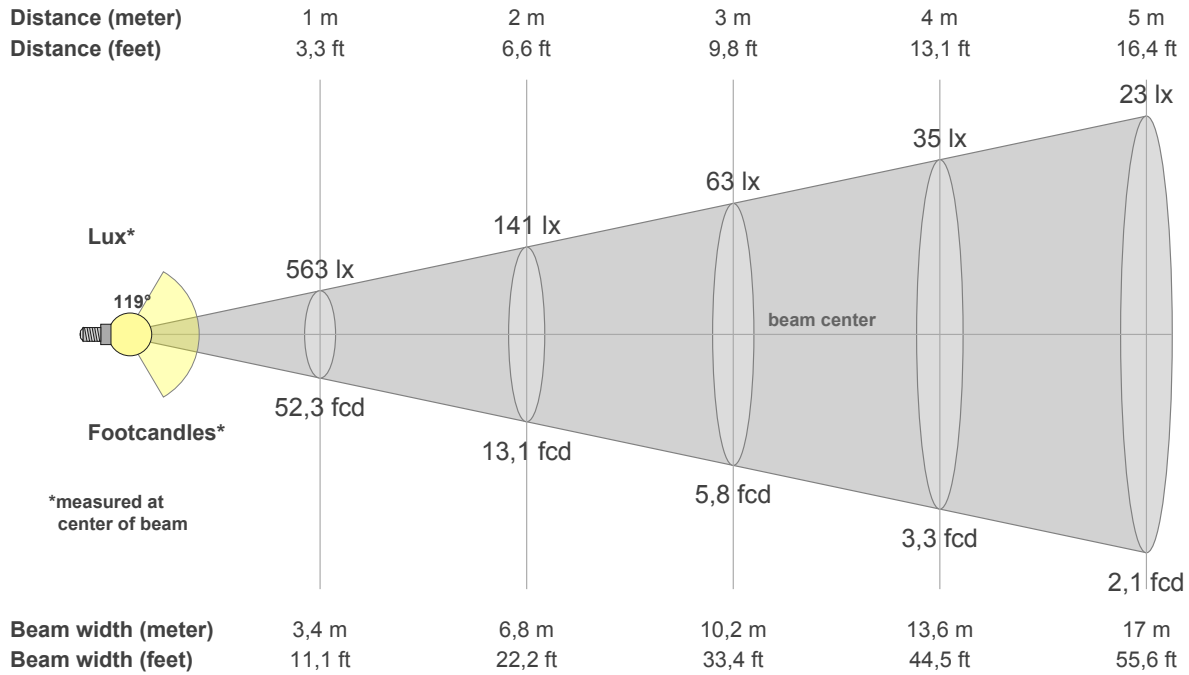
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4125 K	92,9	64,6	90,5	98,0	91,8	0,4	0,4	0,2	0,3	0,0013



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STANDARD 1700-4000



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°
563	562	556	546	530	511	488	460	429	396	359	319	277	231	182	133	83	41	11	2
100%	100%	99%	97%	94%	91%	87%	82%	76%	70%	64%	57%	49%	41%	32%	24%	15%	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°
563	562	556	546	530	511	488	460	429	396	359	319	277	231	182	133	83	41	11	2
100%	100%	99%	97%	94%	91%	87%	82%	76%	70%	64%	57%	49%	41%	32%	24%	15%	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°
563	561	553	541	526	507	484	459	429	395	359	320	277	233	187	139	93	49	18	4
100%	100%	98%	96%	93%	90%	86%	81%	76%	70%	64%	57%	49%	41%	33%	25%	16%	9%	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°
563	561	553	541	526	507	484	459	429	395	359	320	277	233	187	139	93	49	18	4
100%	100%	98%	96%	93%	90%	86%	81%	76%	70%	64%	57%	49%	41%	33%	25%	16%	9%	3%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
118,9°	167,1°	179,2°	75,4%	50,4%

