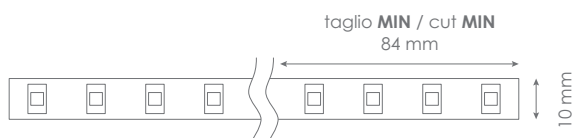
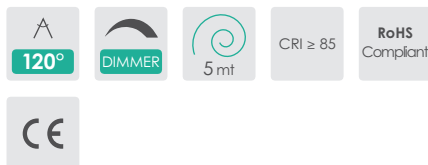


FLEX STANDARD 700-2700



SPECIFICATIONS

| | |
|--|------------------|
| Alimentazione / Operating Voltage | 24 V |
| Potenza / Power | 5,5 W/mt |
| Larghezza Pcb / Width Pcb | 10 mm |
| Altezza / Height Stripe | 2 mm |
| Lunghezza / Length Stripe | 5000 mm |
| Taglio segmento/ Length per Cut | 84 mm |
| N° LED | 96 / 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-700-2700 | 695 lm/mt | 127 lm/W | 2700 K |



FLEX

STANDARD 700-2700

Light efficiency:



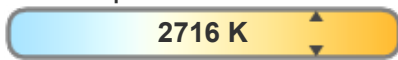
Output: 695 lm

Light quality:



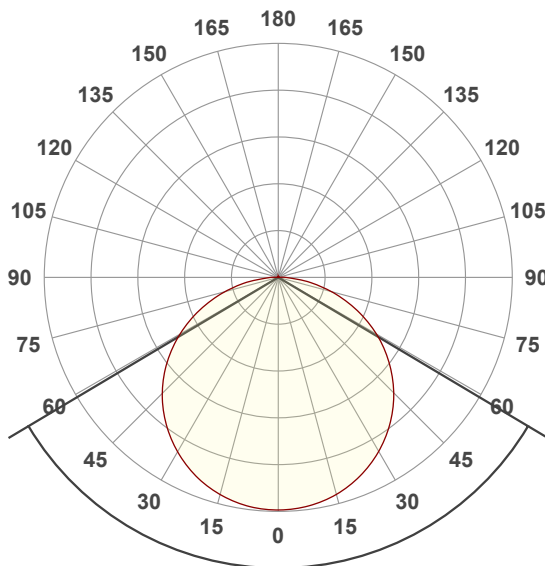
Peak: 223 cd

Color temperature:



Power: 5,5 W

PF: 0,30



Beam angle

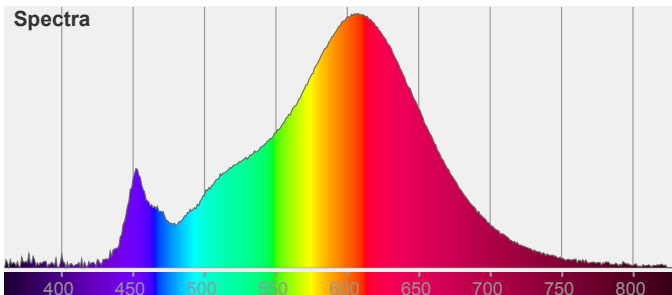
118,4°

Color



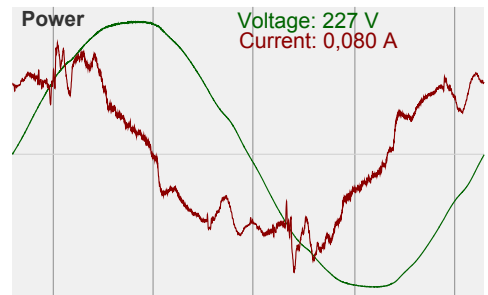
CIE1931
x: 0,461
y: 0,414

Spectra



Power

Voltage: 227 V
Current: 0,080 A



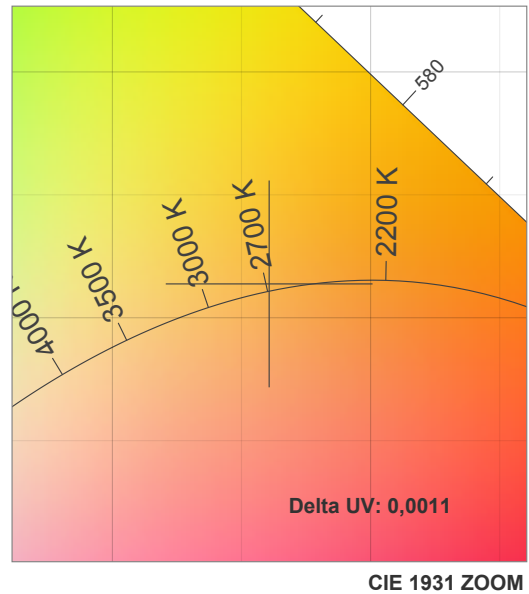
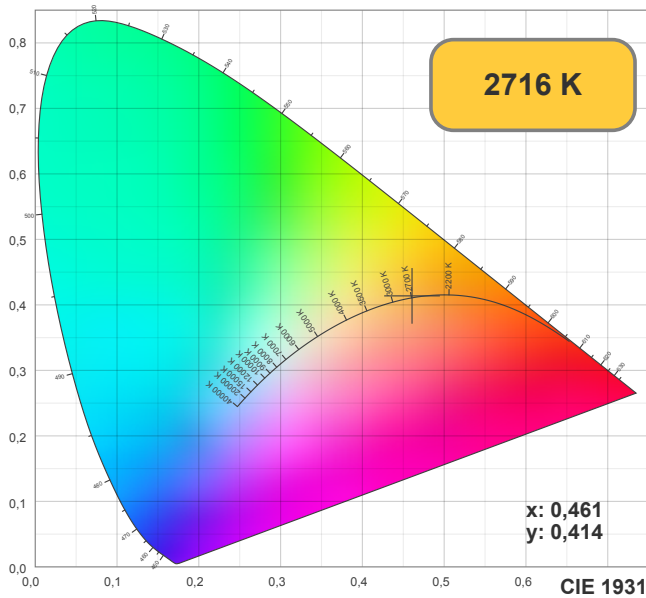
Light measurement was created using the Viso Systems - Light Inspector. www.visosystems.com



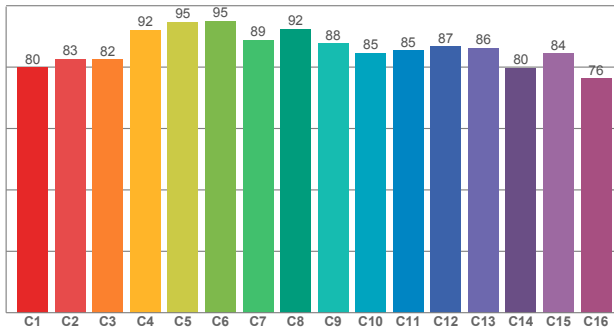
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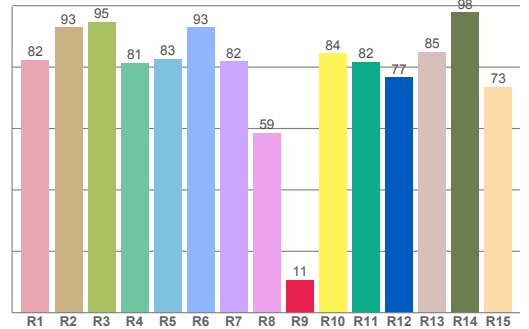
STANDARD 700-2700



TM30: 86,0



CRI: 83,4 (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 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 82,22 | 92,86 | 94,71 | 81,36 | 82,60 | 92,87 | 81,85 | 58,59 | 10,61 | 84,43 | 81,65 | 76,61 | 84,86 | 97,74 | 73,41 |

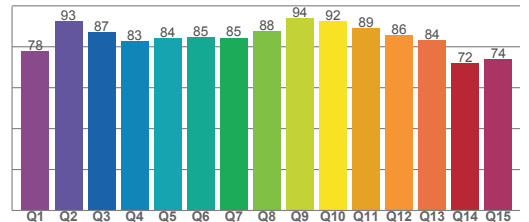
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 79,83 | 82,53 | 82,47 | 92,08 | 94,64 | 94,90 | 88,88 | 92,47 | 87,71 | 84,52 | 85,37 | 86,68 | 86,18 | 79,67 | 84,42 | 76,28 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 77,71 | 92,79 | 86,98 | 82,76 | 84,11 | 84,60 | 84,51 | 87,77 | 93,81 | 92,34 | 89,08 | 85,73 | 83,52 | 72,12 | 74,16 |

CQS: 83,4



Color parameters

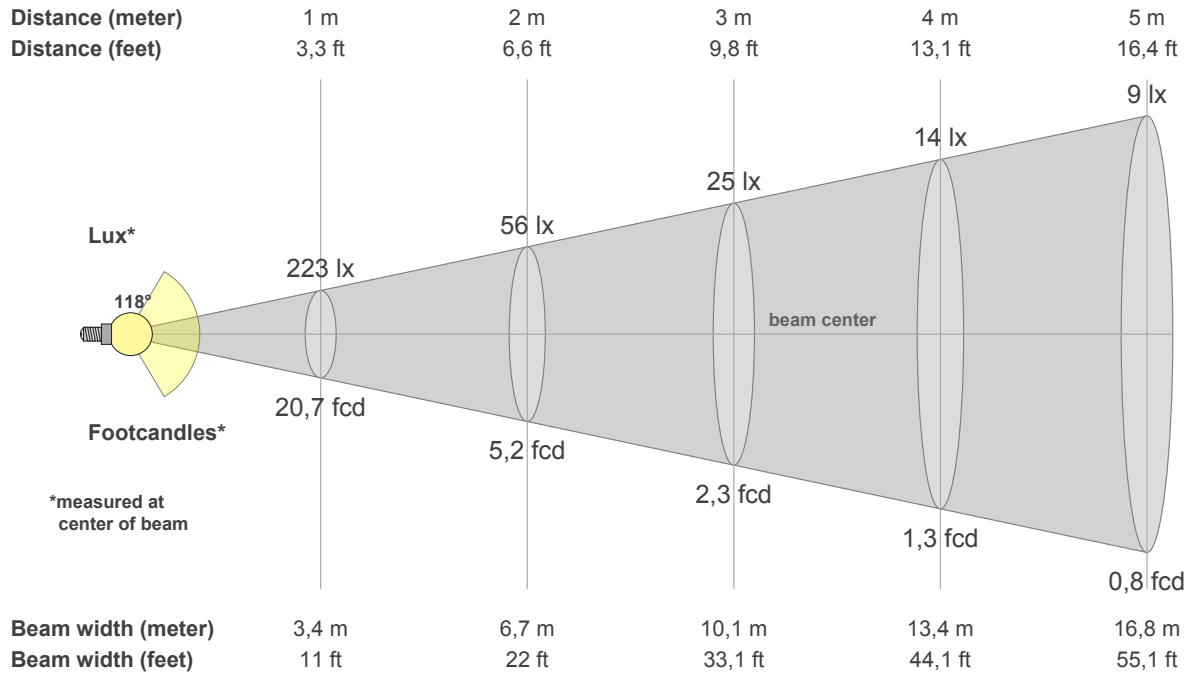
| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Duv |
|--------|------|--------|---------|---------|------|-----|-----|-----|-----|--------|
| 2716 K | 83,4 | 10,6 | 86,0 | 94,0 | 83,4 | 0,5 | 0,4 | 0,3 | 0,4 | 0,0011 |



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STANDARD 700-2700



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° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 223 | 222 | 220 | 216 | 209 | 202 | 193 | 182 | 170 | 157 | 142 | 126 | 109 | 91 | 72 | 53 | 35 | 19 | 7 | 1 |
| 100% | 99% | 98% | 97% | 94% | 90% | 86% | 81% | 76% | 70% | 63% | 56% | 49% | 41% | 32% | 24% | 16% | 9% | 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° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 223 | 222 | 220 | 216 | 209 | 202 | 193 | 182 | 170 | 157 | 142 | 126 | 109 | 91 | 72 | 53 | 35 | 19 | 7 | 1 |
| 100% | 99% | 98% | 97% | 94% | 90% | 86% | 81% | 76% | 70% | 63% | 56% | 49% | 41% | 32% | 24% | 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° |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 223 | 222 | 220 | 216 | 210 | 202 | 193 | 183 | 170 | 157 | 143 | 126 | 109 | 91 | 72 | 53 | 35 | 19 | 7 | 1 |
| 100% | 100% | 98% | 97% | 94% | 91% | 87% | 82% | 76% | 70% | 64% | 56% | 49% | 41% | 32% | 24% | 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° |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 223 | 222 | 220 | 216 | 210 | 202 | 193 | 183 | 170 | 157 | 143 | 126 | 109 | 91 | 72 | 53 | 35 | 19 | 7 | 1 |
| 100% | 100% | 98% | 97% | 94% | 91% | 87% | 82% | 76% | 70% | 64% | 56% | 49% | 41% | 32% | 24% | 16% | 8% | 3% | 0% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 118,4° | 167,7° | 182,5° | 75,2% | 50,3% |

