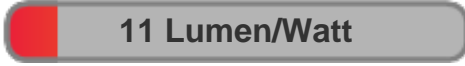


PROLIAD

LED LIGHTING

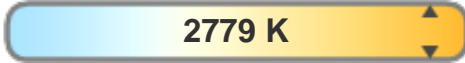
Light efficiency:



Light quality:



Color temperature:



Output: 344 lm
Peak: 29188 cd
Power: 30,7 W
PF: 0,92



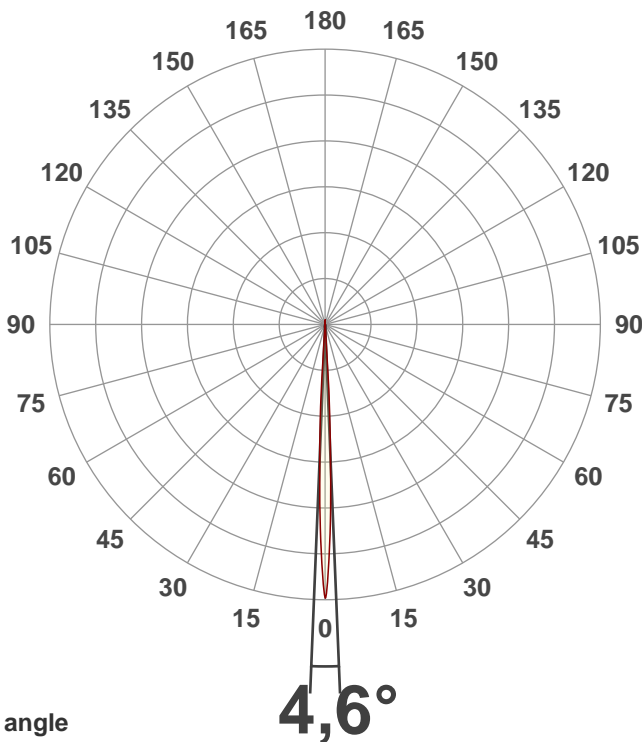
Product name:
Super Zoom

Date and time:
29-11-2022 13:42:31

Item number:
900 000730

Minimum order quantity:
1

Additional information:
Bridgelux
BXRH-30E3000-D-83
3000K CRI80+
@700mA 30 Watt
LES 9mm



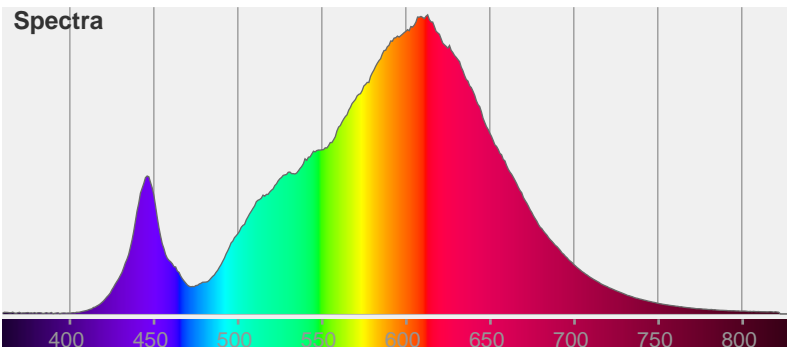
Beam angle

Color

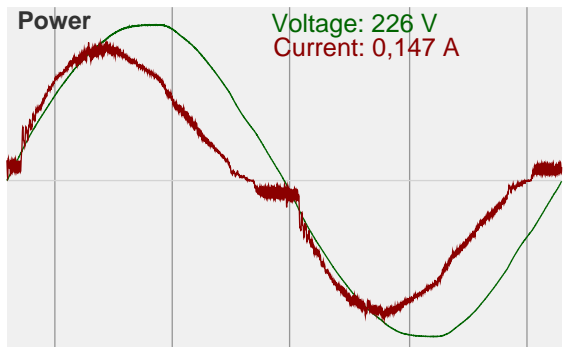


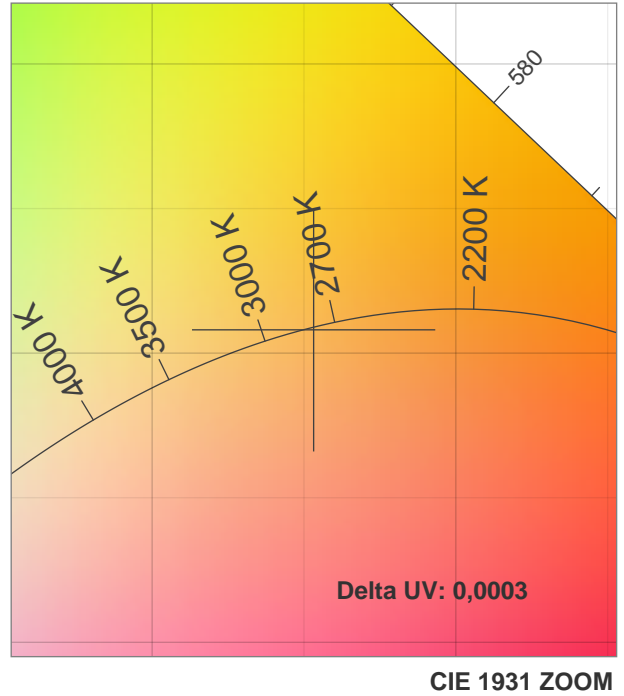
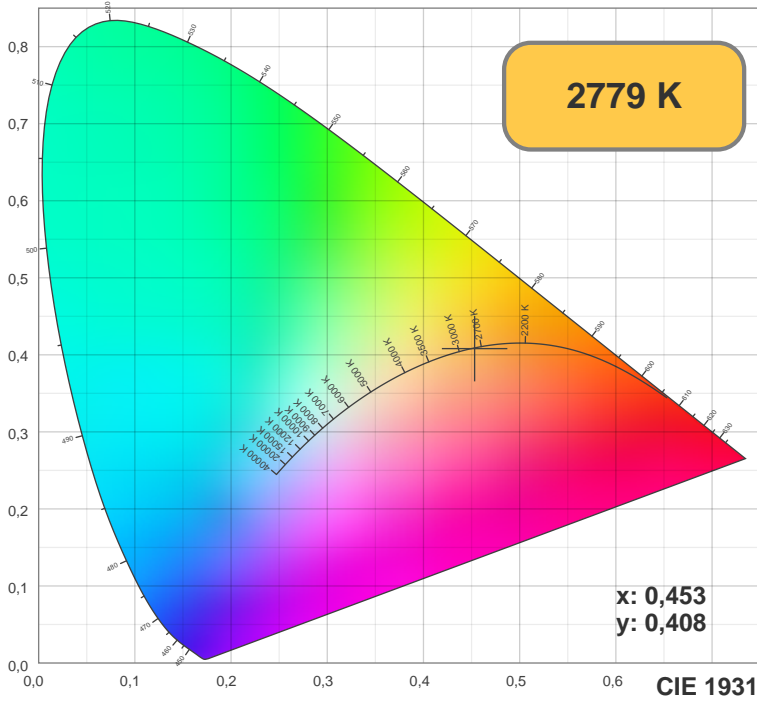
CIE1931
x: 0,453
y: 0,408

Spectra

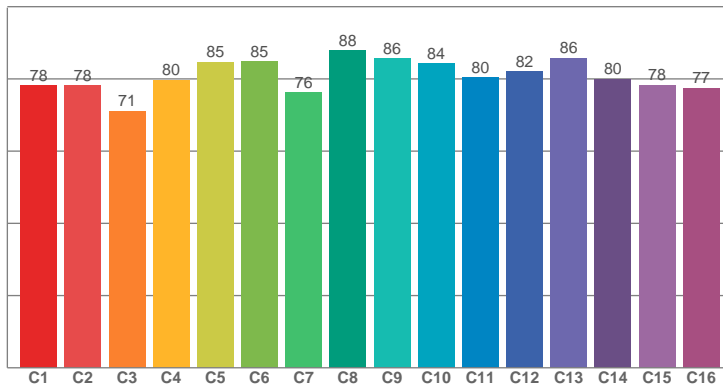


Power

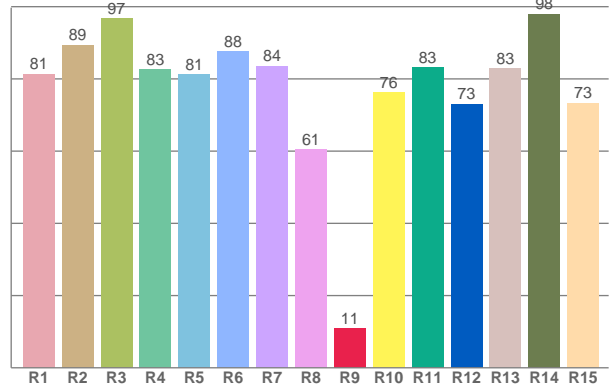




TM30: 80,9



CRI: 82,9 (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 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 81,35 | 89,37 | 96,68 | 82,63 | 81,19 | 87,61 | 83,57 | 60,56 | 10,99 | 76,22 | 83,14 | 73,08 | 82,95 | 98,01 | 73,37 |

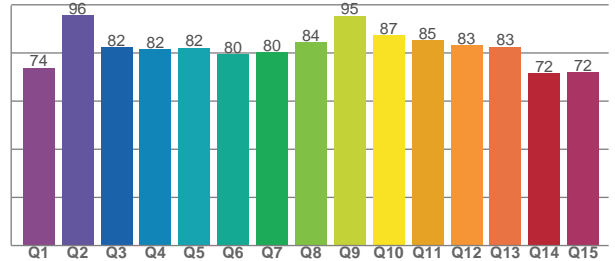
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 78,15 | 78,23 | 71,12 | 79,68 | 84,73 | 84,81 | 76,16 | 87,84 | 85,75 | 84,24 | 80,44 | 82,05 | 85,78 | 79,98 | 78,34 | 77,49 |

CQS Q values

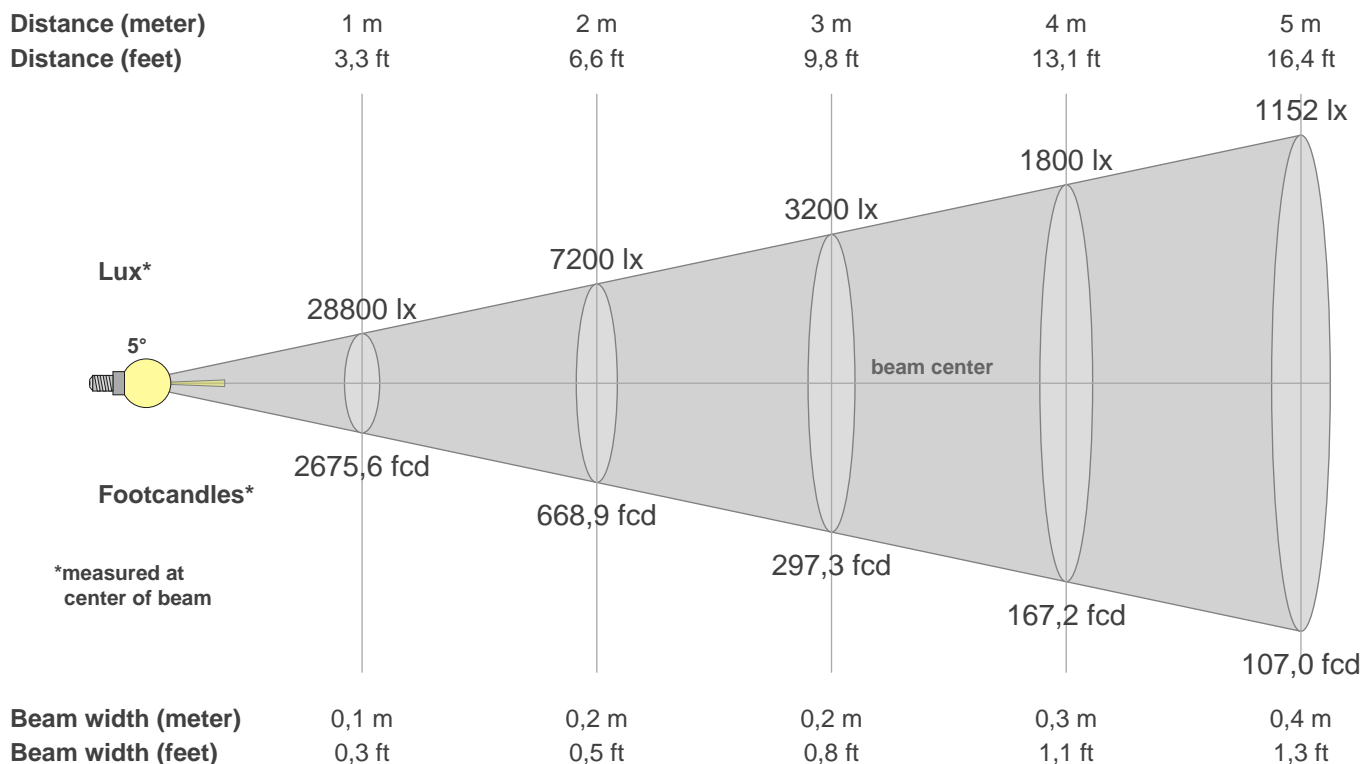
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 73,89 | 95,62 | 82,41 | 81,67 | 82,20 | 79,54 | 80,34 | 84,46 | 95,50 | 87,30 | 85,35 | 83,24 | 82,66 | 71,53 | 72,09 |

CQS: 81,1



Color parameters

| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Duv |
|--------|------|--------|---------|---------|------|-----|-----|-----|-----|---------|
| 2779 K | 82,9 | 11,0 | 80,9 | 99,5 | 81,1 | 0,5 | 0,4 | 0,3 | 0,4 | -0,0004 |



Intensities in 0° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 28,8K | 24,0K | 17,2K | 9,1K | 2,9K | 0,3K | 0,1K | 0,1K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K |
| 100% | 84% | 60% | 32% | 10% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

Intensities in 0° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 28,8K | 24,0K | 17,2K | 9,1K | 2,9K | 0,3K | 0,1K | 0,1K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K |
| 100% | 84% | 60% | 32% | 10% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

Intensities in 180° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 28,8K | 23,5K | 16,9K | 9,7K | 3,5K | 0,3K | 0,1K | 0,1K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K |
| 100% | 82% | 59% | 34% | 12% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

Intensities in 180° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 28,8K | 23,5K | 16,9K | 9,7K | 3,5K | 0,3K | 0,1K | 0,1K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K | 0,0K |
| 100% | 82% | 59% | 34% | 12% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 4,6° | 8,1° | 8,8° | 67,5% | 62,9% |