

PROLIAD

LED LIGHTING

Light quality:



Color temperature:



Output: 1718 lm

Peak: 2066 cd

Power: 21,2 W

PF: 0,93



Product name:

Inn-Ground 363 60 graden reflector

Date and time:

2-10-2020 9:11:27

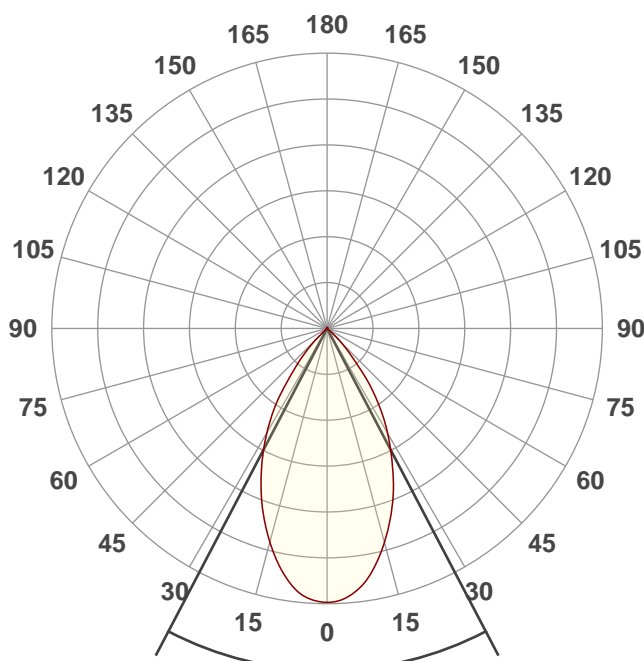
Item number:

900 000363

Additional information:

-XTM19803020CCA

-70mm 60 graden reflector



Beam angle

55,3°

Color

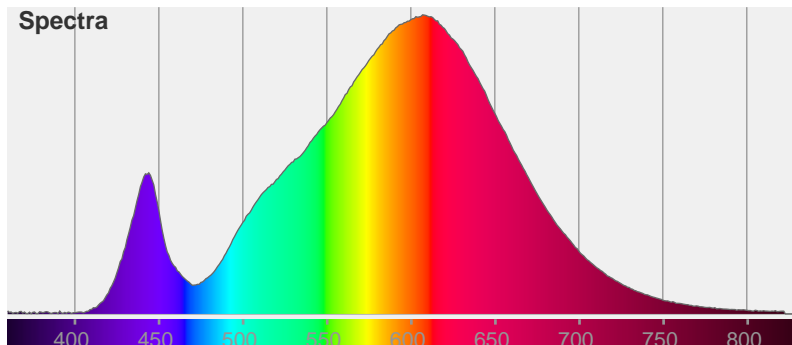


CIE1931

x: 0,447

y: 0,410

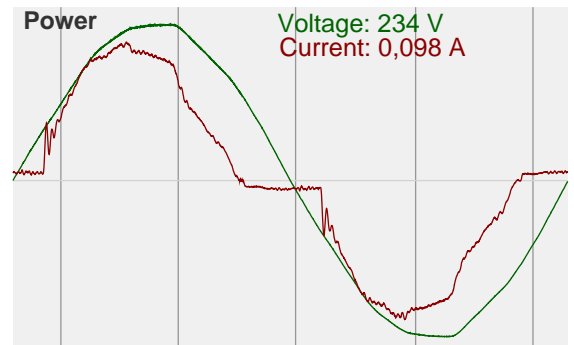
Spectra

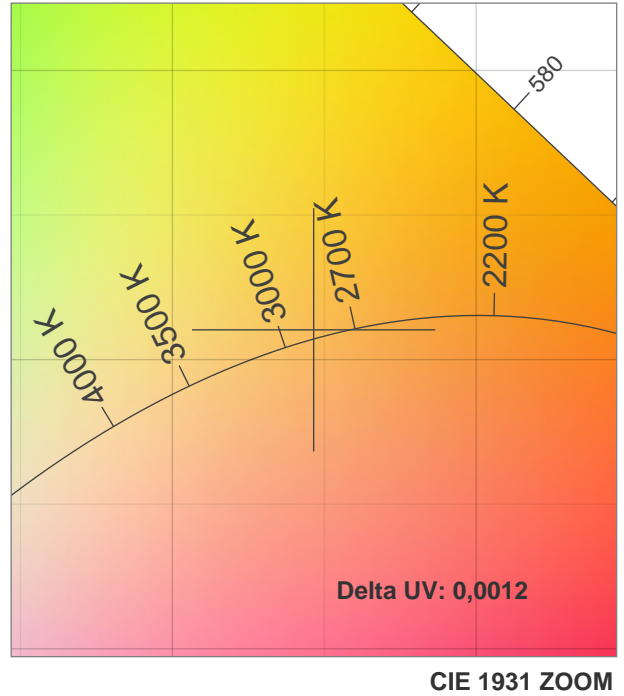
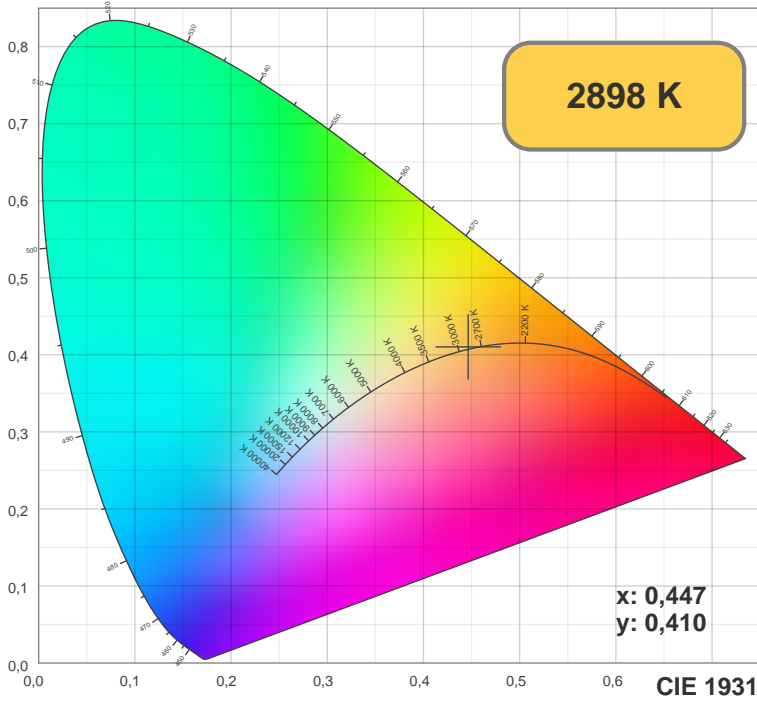


Power

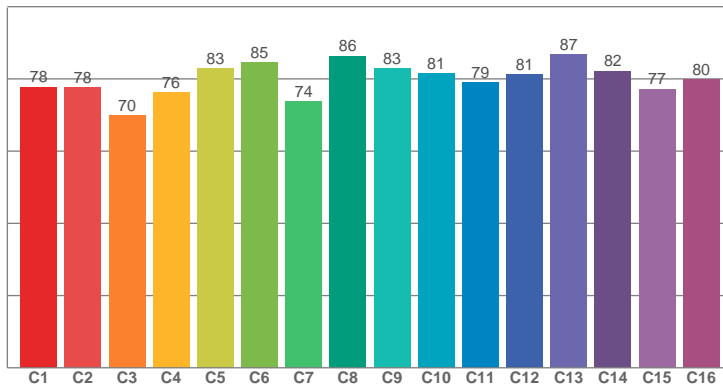
Voltage: 234 V

Current: 0,098 A

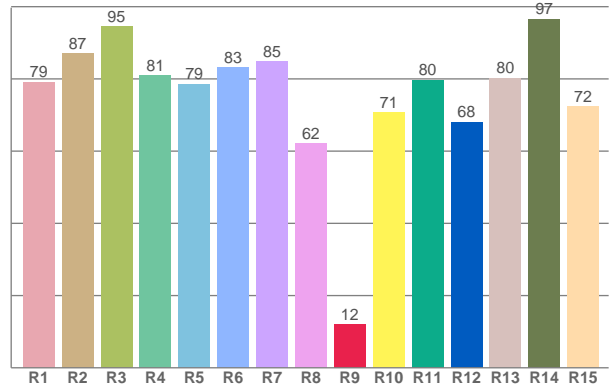




TM30: 79,8



CRI: 81,3 (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 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 79,15 | 87,00 | 94,63 | 80,95 | 78,65 | 83,24 | 84,82 | 62,16 | 11,92 | 70,66 | 79,69 | 68,08 | 80,30 | 96,65 | 72,41 |

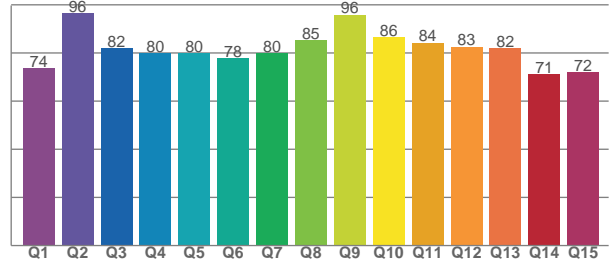
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 77,75 | 77,65 | 69,97 | 76,30 | 82,89 | 84,63 | 73,82 | 86,39 | 82,81 | 81,50 | 78,97 | 81,17 | 86,85 | 82,23 | 77,26 | 79,95 |

CQS Q values

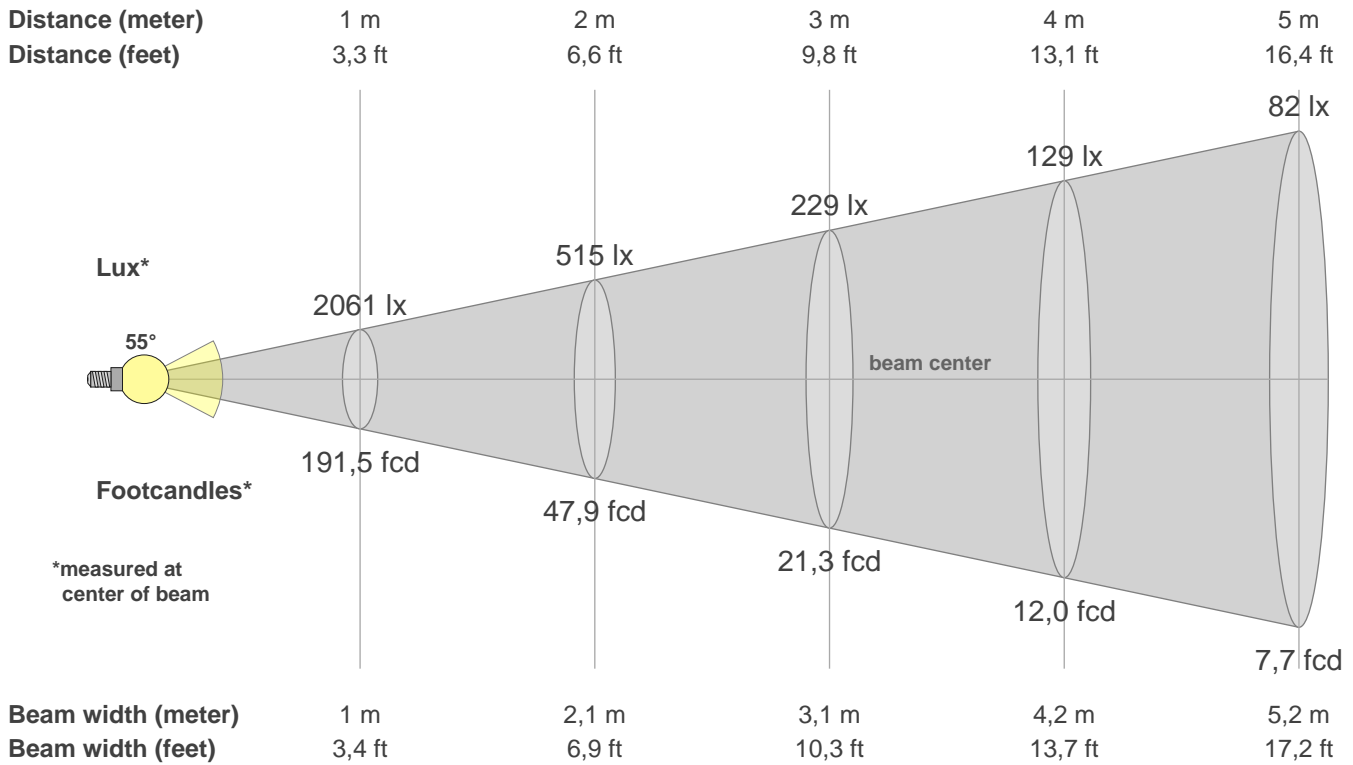
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 73,82 | 96,43 | 82,14 | 79,80 | 79,98 | 77,73 | 80,00 | 85,30 | 95,93 | 86,42 | 84,26 | 82,60 | 82,15 | 71,25 | 72,06 |

CQS: 80,5



Color parameters

| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Duv |
|--------|------|--------|---------|---------|------|-----|-----|-----|-----|--------|
| 2898 K | 81,3 | 11,9 | 79,8 | 98,8 | 80,5 | 0,4 | 0,4 | 0,3 | 0,4 | 0,0012 |



Intensities in 0° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| 2061 | 2053 | 2035 | 1992 | 1949 | 1877 | 1800 | 1716 | 1624 | 1531 | 1432 | 1334 | 1229 | 1121 | 1015 | 913 | 811 | 702 | 592 | 481 |
| 100% | 100% | 99% | 97% | 95% | 91% | 87% | 83% | 79% | 74% | 70% | 65% | 60% | 54% | 49% | 44% | 39% | 34% | 29% | 23% |

Intensities in 0° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| 2061 | 2053 | 2035 | 1992 | 1949 | 1877 | 1800 | 1716 | 1624 | 1531 | 1432 | 1334 | 1229 | 1121 | 1015 | 913 | 811 | 702 | 592 | 481 |
| 100% | 100% | 99% | 97% | 95% | 91% | 87% | 83% | 79% | 74% | 70% | 65% | 60% | 54% | 49% | 44% | 39% | 34% | 29% | 23% |

Intensities in 180° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| 2061 | 2056 | 2032 | 2007 | 1943 | 1879 | 1799 | 1712 | 1622 | 1527 | 1431 | 1328 | 1224 | 1120 | 1014 | 908 | 799 | 689 | 569 | 448 |
| 100% | 100% | 99% | 97% | 94% | 91% | 87% | 83% | 79% | 74% | 69% | 64% | 59% | 54% | 49% | 44% | 39% | 33% | 28% | 22% |

Intensities in 180° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| 2061 | 2056 | 2032 | 2007 | 1943 | 1879 | 1799 | 1712 | 1622 | 1527 | 1431 | 1328 | 1224 | 1120 | 1014 | 908 | 799 | 689 | 569 | 448 |
| 100% | 100% | 99% | 97% | 94% | 91% | 87% | 83% | 79% | 74% | 69% | 64% | 59% | 54% | 49% | 44% | 39% | 33% | 28% | 22% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 55,3° | 86,8° | 96,9° | 99,1% | 97,1% |