

# Skupit

LED AYDINLATMA ARMATÜRLERİ

Light efficiency:

132 Lumen/Watt

Light quality:

CRI: 72,4

Color temperature:

6162 K

Output: 15721 lm

Peak: 9695 cd

Power: 119 W

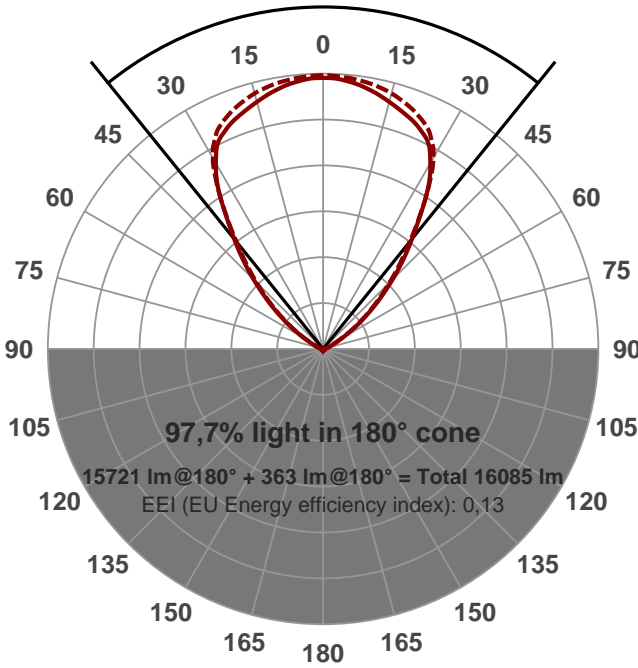
PF: 0,99



Beam angle

77,9°

(36 PLANES)  
72 C-Planes

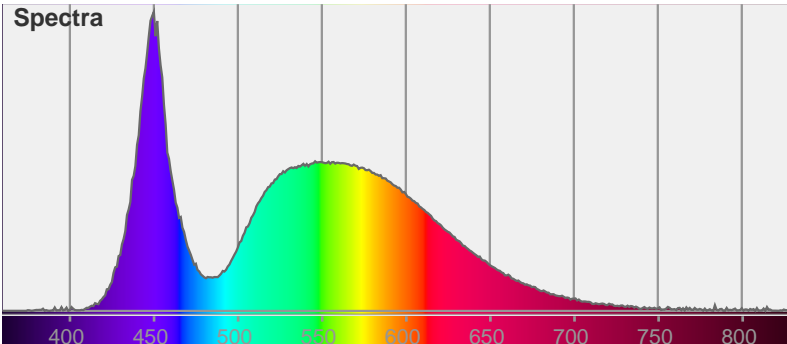


Color



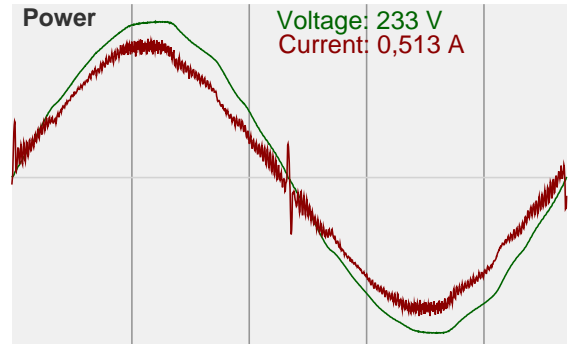
CIE1931  
x: 0,318  
y: 0,341

Spectra



Power

Voltage: 233 V  
Current: 0,513 A



Product name:

Skupit high bay

Date and time:

29.12.2016 16:59:03

Additional information:

Üretici :URAL ELEKTRONİK VE  
MAKİNE SAN. TIC. LTD. STİ

Armatür Özellikleri:

Sürücü : Helvar

LL1x110-E-CC-350-700

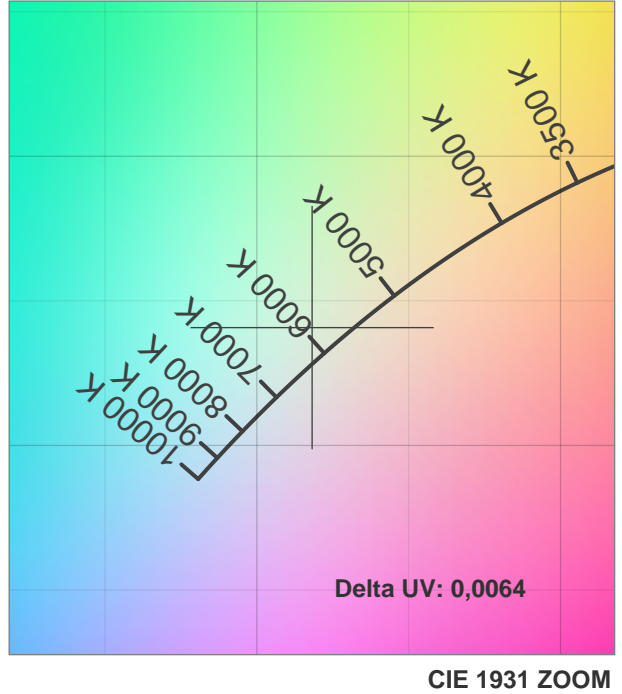
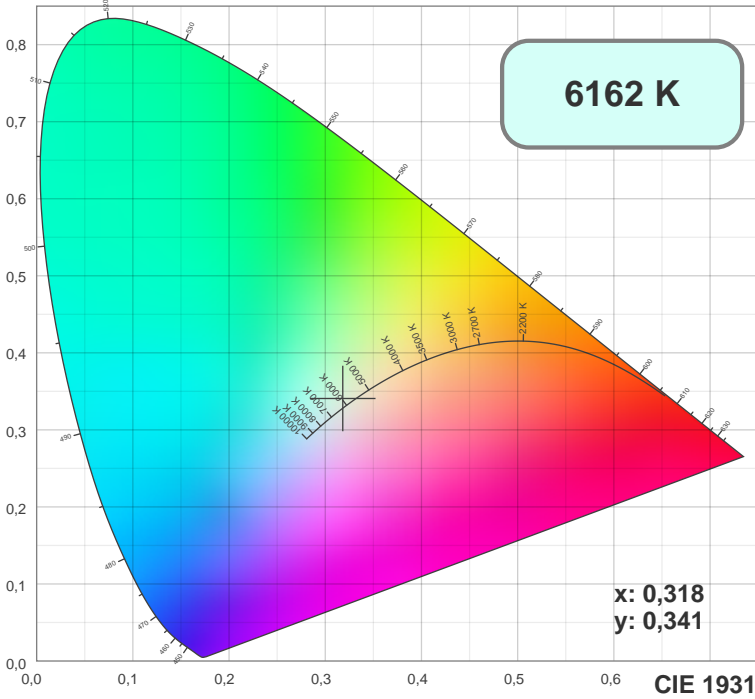
(350mA e set edilmiş)

Led markası :

Led Sayısı : 120 LED

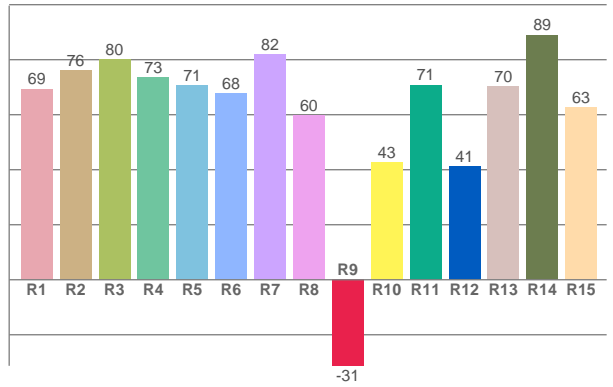
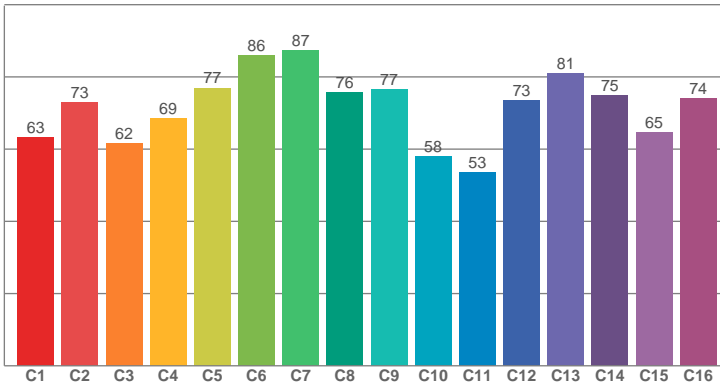
Kasa derinliği :8 cm

Difüzör :



TM30: 71,3

CRI: 72,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

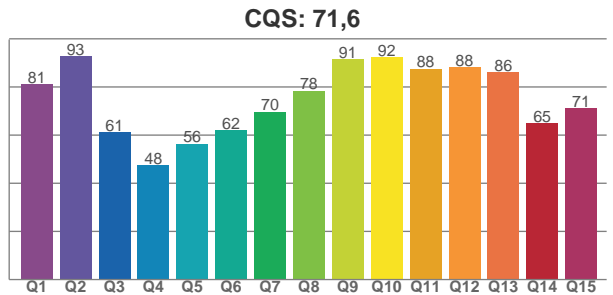
| R1    | R2    | R3    | R4    | R5    | R6    | R7    | R8    | R9     | R10   | R11   | R12   | R13   | R14   | R15   |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| 69,40 | 76,02 | 80,18 | 73,49 | 70,62 | 67,77 | 82,04 | 59,75 | -31,28 | 42,77 | 70,84 | 41,18 | 70,39 | 88,98 | 62,75 |

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   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 63,27 | 72,95 | 61,51 | 68,59 | 76,93 | 86,01 | 87,42 | 75,66 | 76,62 | 58,05 | 53,46 | 73,42 | 80,89 | 74,87 | 64,57 | 74,07 |

CQS Q values

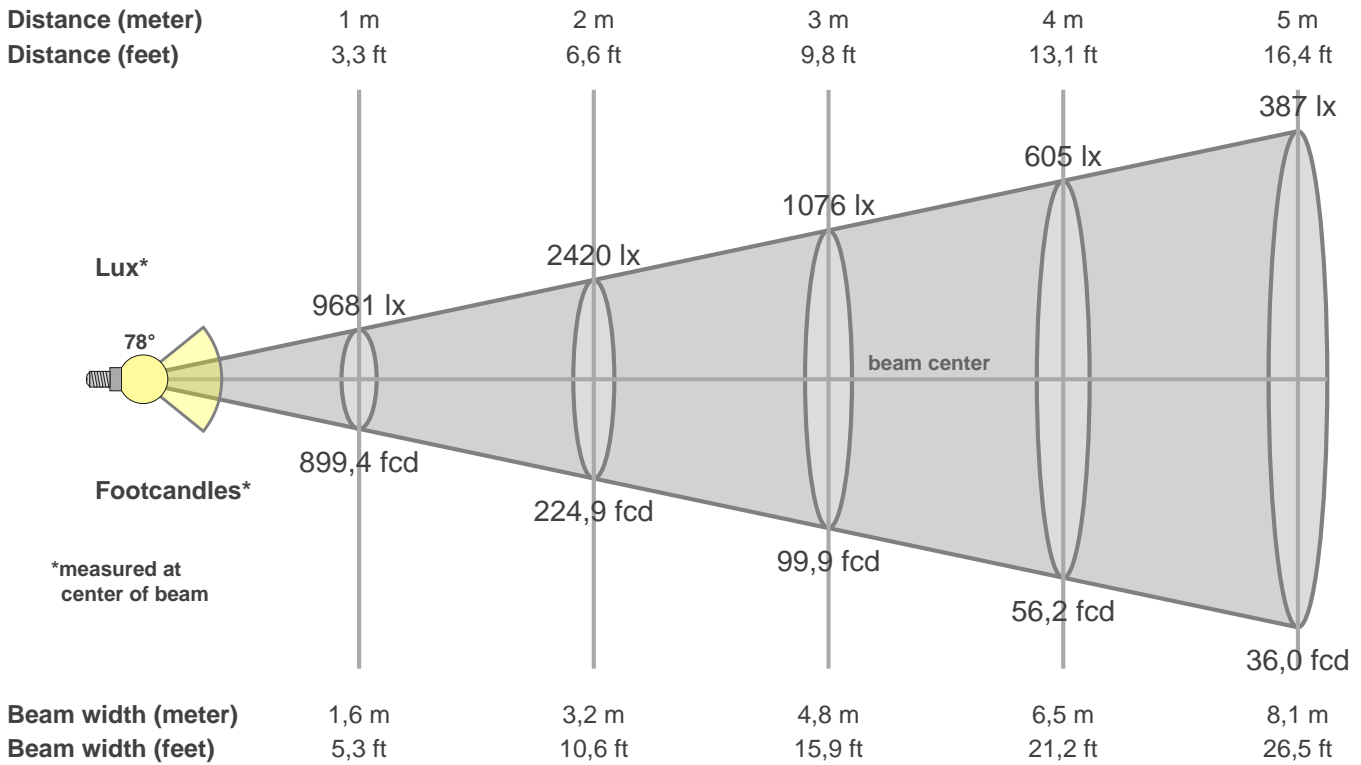
| Q1    | Q2    | Q3    | Q4    | Q5    | Q6    | Q7    | Q8    | Q9    | Q10   | Q11   | Q12   | Q13   | Q14   | Q15   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 81,19 | 92,94 | 61,22 | 47,67 | 56,43 | 62,06 | 69,73 | 78,49 | 91,44 | 92,30 | 87,63 | 88,28 | 86,02 | 64,90 | 71,10 |



Color parameters

| CCT    | CRI  | CRI R9 | TM30 Rf | TM30 Rg | CQS  | x   | y   | u   | v   | Duv    |
|--------|------|--------|---------|---------|------|-----|-----|-----|-----|--------|
| 6162 K | 72,4 | -31,3  | 71,3    | 93,4    | 71,6 | 0,3 | 0,3 | 0,2 | 0,3 | 0,0032 |

Beam details



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° |
|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 9681 | 9609 | 9413 | 9135 | 8842 | 8473 | 7662 | 6245 | 4778 | 3514 | 2403 | 1493 | 817 | 440 | 286 | 201 | 140 | 96  | 75  | 0   |
| 100% | 99%  | 97%  | 94%  | 91%  | 88%  | 79%  | 65%  | 49%  | 36%  | 25%  | 15%  | 8%  | 5%  | 3%  | 2%  | 1%  | 1%  | 1%  | 0%  |

Intensities in 90° c-plane

| 0°   | 5°   | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 45°  | 50°  | 55°  | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 9681 | 9639 | 9539 | 9360 | 9079 | 8673 | 7803 | 6170 | 4585 | 3335 | 2283 | 1425 | 750 | 367 | 192 | 115 | 86  | 70  | 61  | 0   |
| 100% | 100% | 99%  | 97%  | 94%  | 90%  | 81%  | 64%  | 47%  | 34%  | 24%  | 15%  | 8%  | 4%  | 2%  | 1%  | 1%  | 1%  | 1%  | 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° |
|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 9681 | 9609 | 9413 | 9135 | 8842 | 8473 | 7662 | 6245 | 4778 | 3514 | 2403 | 1493 | 817 | 440 | 286 | 201 | 140 | 96  | 75  | 0   |
| 100% | 99%  | 97%  | 94%  | 91%  | 88%  | 79%  | 65%  | 49%  | 36%  | 25%  | 15%  | 8%  | 5%  | 3%  | 2%  | 1%  | 1%  | 1%  | 0%  |

Intensities in 270° c-plane

| 0°   | 5°   | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 45°  | 50°  | 55°  | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 9681 | 9639 | 9539 | 9360 | 9079 | 8673 | 7803 | 6170 | 4585 | 3335 | 2283 | 1425 | 750 | 367 | 192 | 115 | 86  | 70  | 61  | 0   |
| 100% | 100% | 99%  | 97%  | 94%  | 90%  | 81%  | 64%  | 47%  | 34%  | 24%  | 15%  | 8%  | 4%  | 2%  | 1%  | 1%  | 1%  | 1%  | 0%  |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 77,9°          | 117,1°          | 141,0°            | 93,3%                        | 78,5%                       |