

Zoom 1x LED

Indoor floodlight



GENERAL CHARACTERISTICS

Equivalent Power* 20, 50 W

Standard EN 60598-1, EN 60598-2-1, EN 60598-2-22 (fundamental requirements), EN62471 (photobiological hazard)

Power supply 198÷264Vac/Vdc

Protection grade IP40

Working temp. -20°C ÷ +40°C

Mounting ceiling, wall

Housing Polyester powder coated die-cast aluminium RAL 9010

Optic Zoom LED system with transparent PMMA lens

Driver Electronic ED (Cos $\varphi \geq 0,95$)

MTBF Control gear** 50.000h

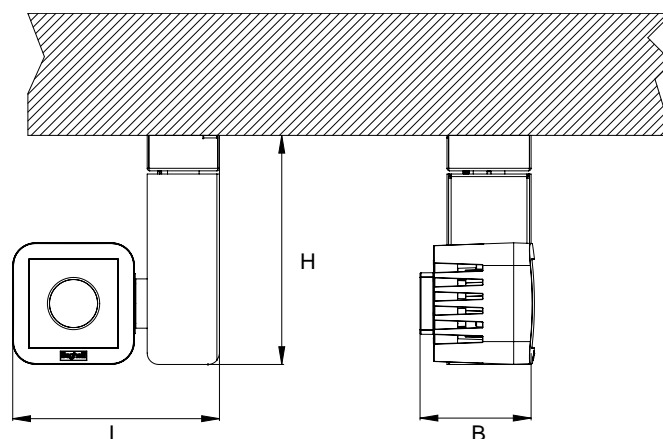
Luminous flux >60.000h (1x50W) (L80B20)

maintenance** >70.000h (1x20W) (L80B20)

Colour deviation 3 SDCM

* Equivalent power for comparison with metal halide fixtures

** At environmental reference temperature of 25°C



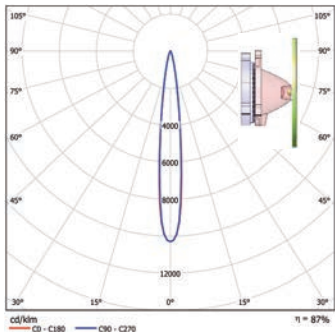
| Power * W | • Dimensions (mm) • | | | α max | Weight max kg |
|--------------|---------------------|----|-----|-----------------|------------------|
| | L | B | H | | |
| 20 | 105 | 56 | 116 | 40° | 0,5 |
| 50 | 105 | 56 | 116 | 40° | 0,5 |

SPECIAL VARIANTS: COLOUR RENDERING ≥ 90 - COLOUR TEMPERATURE ON REQUEST Contact the Beghelli sales network

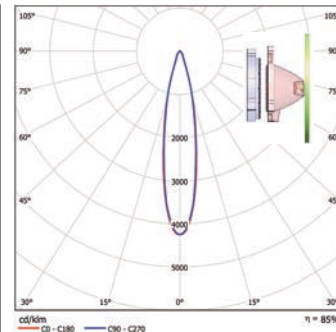


Rear adjuster for adjusting the light beam from 10° to 40°

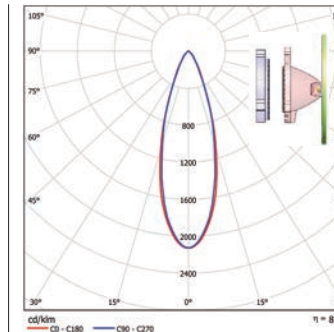
ADJUSTABLE



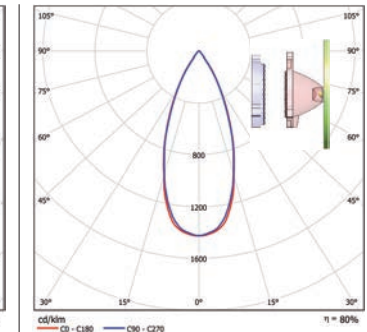
| Distance | Diameter | Luminosity |
|----------|----------|------------|
| 0,5 m | Ø 0,10 m | 40331 lx |
| 1,0 m | Ø 0,19 m | 10083 lx |
| 1,5 m | Ø 0,29 m | 4481 lx |
| 2,0 m | Ø 0,39 m | 2521 lx |
| 2,5 m | Ø 0,48 m | 1613 lx |
| 3,0 m | Ø 0,58 m | 1120 lx |



| Distance | Diameter | Luminosity |
|----------|----------|------------|
| 0,5 m | Ø 0,17 m | 14011 lx |
| 1,0 m | Ø 0,35 m | 3503 lx |
| 1,5 m | Ø 0,52 m | 1557 lx |
| 2,0 m | Ø 0,70 m | 876 lx |
| 2,5 m | Ø 0,87 m | 560 lx |
| 3,0 m | Ø 1,05 m | 389 lx |



| Distance | Diameter | Luminosity |
|----------|----------|------------|
| 0,5 m | Ø 0,27 m | 7172 lx |
| 1,0 m | Ø 0,55 m | 1793 lx |
| 1,5 m | Ø 0,82 m | 797 lx |
| 2,0 m | Ø 1,09 m | 448 lx |
| 2,5 m | Ø 1,37 m | 287 lx |
| 3,0 m | Ø 1,64 m | 199 lx |



| Distance | Diameter | Luminosity |
|----------|----------|------------|
| 0,5 m | Ø 0,36 m | 5424 lx |
| 1,0 m | Ø 0,72 m | 1356 lx |
| 1,5 m | Ø 1,07 m | 603 lx |
| 2,0 m | Ø 1,43 m | 339 lx |
| 2,5 m | Ø 1,79 m | 217 lx |
| 3,0 m | Ø 2,15 m | 151 lx |

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Eco Driver

| Power* W | Order code | Description | LED Power W | Colour Temp. K | Colour rendering | Power consumption Max W | N° LEDs | Flux of LEDs lm (Tj=25°C) | Flux of fixture lm | Luminous efficiency lm/W | Energy Class | Packaging |
|----------|--------------|--------------------|-------------|----------------|------------------|-------------------------|---------|---------------------------|--------------------|--------------------------|--------------|-----------|
| 1x20 | Z120A | ZOOM 1x20 APPLIQUE | 3 | 3000 | >80 | 4 | 1 | 500 | 350 | 84 | A++ | 1/1 |
| 1x50 | Z150A | ZOOM 1x50 APPLIQUE | 7,5 | 3000 | >80 | 9 | 1 | 1000 | 720 | 80 | A++ | 1/1 |