

Zoom 1× LED

Indoor floodlight

Projector with adjustable focus and die-cast aluminium head, incorporating a powerful high-efficiency LED light. Patented optics, consisting of a PMMA lens system with variable focal length to adjust the light beam to an angle of between 10° and 40°. The adjustment is continuous, and can be performed using the rear regulator. The device can be adjusted both horizontally and vertically. The mounting bracket allows for wall or ceiling installation.



GENERAL CHARACTERISTICS

Equivalent Power* 20, 50 W

Standard EN 60598-1, EN 60598-2-1, EN 60598-2-22 (fundamental requirements), EN 62471 (photobiological hazard)

Power supply 198–264 V_{AC}/V_{DC}

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** 50 000 h

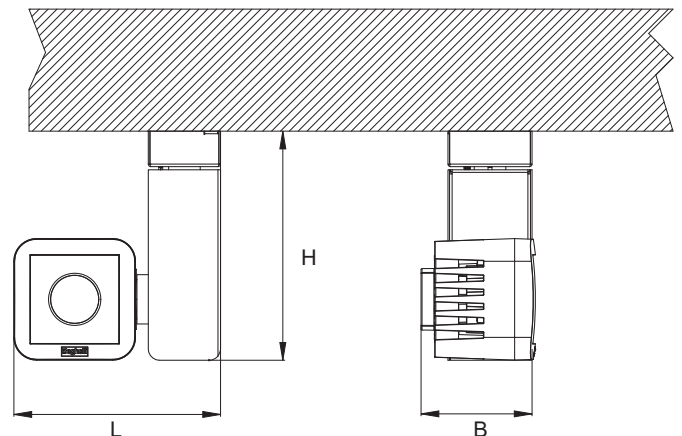
Luminous flux >60 000 h (1× 50 W) (L80B20)

maintenance** >70 000 h (1× 20 W) (L80B20)

Colour deviation 3 SDCM

* Equivalent power for comparison with metal halide fixtures

** At environmental reference temperature of 25 °C

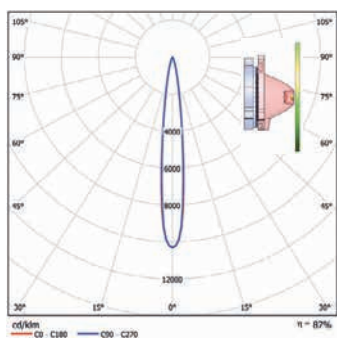


Power* W	• Dimensions (mm) •			α max	Weight max kg
	L	B	H		
20	105	56	116	40°	0.5
50	105	56	116	40°	0.5

SPECIAL VARIANTS: COLOUR RENDERING ≥ 90 , COLOUR TEMPERATURE
Contact the Beghelli sales network

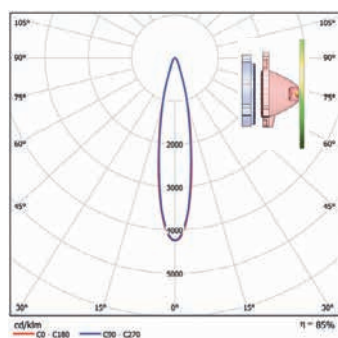


Rear adjuster for adjusting the light beam from 10° to 40°



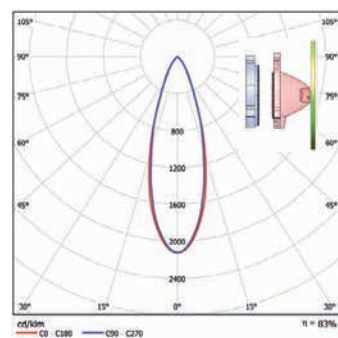
Beam width 10°
50W version

Distance	Diameter	Luminosity
0.5 m	∅ 0.10 m	40 331 lx
1.0 m	∅ 0.19 m	10 083 lx
1.5 m	∅ 0.29 m	4 481 lx
2.0 m	∅ 0.39 m	2 521 lx
2.5 m	∅ 0.48 m	1 613 lx
3.0 m	∅ 0.58 m	1 120 lx



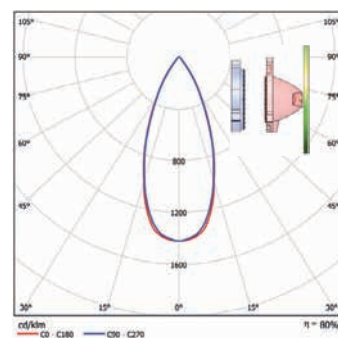
Beam width 20°
50W version

Distance	Diameter	Luminosity
0.5 m	∅ 0.17 m	14 011 lx
1.0 m	∅ 0.35 m	3 503 lx
1.5 m	∅ 0.52 m	1 557 lx
2.0 m	∅ 0.70 m	876 lx
2.5 m	∅ 0.87 m	560 lx
3.0 m	∅ 1.05 m	389 lx



Beam width 30°
50W version

Distance	Diameter	Luminosity
0.5 m	∅ 0.27 m	7 172 lx
1.0 m	∅ 0.55 m	1 793 lx
1.5 m	∅ 0.82 m	797 lx
2.0 m	∅ 1.09 m	448 lx
2.5 m	∅ 1.37 m	287 lx
3.0 m	∅ 1.64 m	199 lx



Beam width 40°
50W version

Distance	Diameter	Luminosity
0.5 m	∅ 0.36 m	5 424 lx
1.0 m	∅ 0.72 m	1 356 lx
1.5 m	∅ 1.07 m	603 lx
2.0 m	∅ 1.43 m	339 lx
2.5 m	∅ 1.79 m	217 lx
3.0 m	∅ 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	lm/W	Energy Class	Packaging
1× 20	Z120A	ZOOM 1x20 APPLIQUE	3	3 000	>80	4	1	500	350	84	A++	1/1
1× 50	Z150A	ZOOM 1x50 APPLIQUE	7.5	3 000	>80	9	1	1 000	720	80	A++	1/1