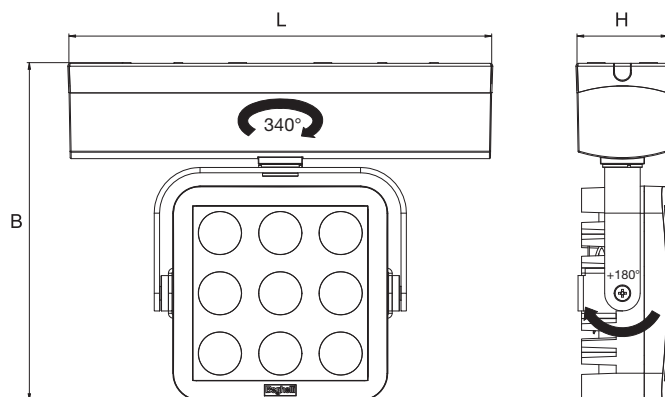


Zoom LED

LED spotlight – surfaced mounting on ceiling or wall



Material:

- body: die-cast aluminum in RAL 9003
- optics: transparent PMMA

Degree of protection: IP40

Rated voltage: 230 V/50 Hz

Control gear: LED driver

Mounting: on ceiling or wall

Application: shops windows, boutiques, shopping galleries, fashion lounge, hotels and restaurants

LED spotlight with module that allows tilting and rotation. The module contains 9 special high-efficiency LED with options to set narrow-beam or wide-beam light distribution. Adjustable in the range 10–40°.

MTBF of power supply** 65 000 h
(MTBF: Mean Time Between Failures)

Luminous flux decrease:** > 60 000 h (L80B20)
Color temp. stability: 3 SDCM

** Applies to ambient temperature 25°C

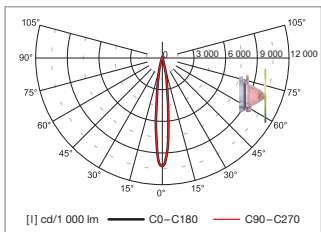
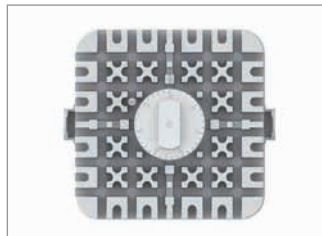
Power* W	Code	Article	Absorption W	Lum. flux (lm)	lm/W	Color temp. K	Ra	EEC	L×B×H (mm)	Kg
1×35	Z135LEDA	ZOOM LED AP 1X35W	15	1 400	90	3 000	≥80	A++	240 × 195 × 53	1.4
1×70	Z170LEDA	ZOOM LED AP 1X70W	33	2 500	76	3 000	≥80	A++	240 × 195 × 53	1.4
1×150	Z1150LEDA	ZOOM LED AP 1X150W	47	4 000	76	3 000	≥80	A+	240 × 195 × 53	1.4

* Indicative power just for fluorescent fixtures comparison purpose

SETTING THE LUMINANCE CURVE ON 40°



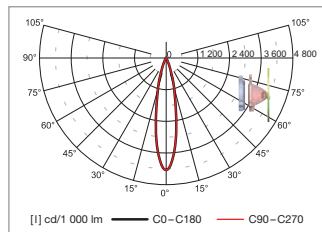
SETTING THE LUMINANCE CURVE ON 10°



I max 35w* = 28 800 Cd / I max 70w* = 47 400 Cd

Beam angle 10°

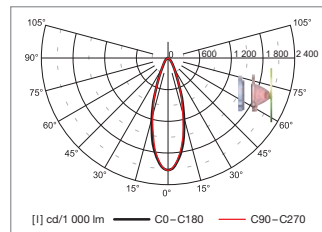
Distance	Diameter	Illuminance
0.5 m	Ø 0.11 m	119 379 lx
1.0 m	Ø 0.22 m	29 845 lx
1.5 m	Ø 0.33 m	13 264 lx
2.0 m	Ø 0.44 m	7 461 lx
2.5 m	Ø 0.55 m	4 775 lx
3.0 m	Ø 0.66 m	3 316 lx



I max 35w* = 11 900 / I max 70w* = 19 550 Cd

Beam angle 20°

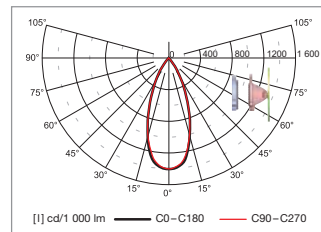
Distance	Diameter	Illuminance
0.5 m	Ø 0.18 m	49 269 lx
1.0 m	Ø 0.36 m	12 317 lx
1.5 m	Ø 0.53 m	5 474 lx
2.0 m	Ø 0.71 m	3 079 lx
2.5 m	Ø 0.89 m	1 971 lx
3.0 m	Ø 1.07 m	1 369 lx



I max 35w* = 5 950 Cd / I max 70w* = 9 800 Cd

Beam angle 30°

Distance	Diameter	Illuminance
0.5 m	Ø 0.29 m	24 656 lx
1.0 m	Ø 0.58 m	6 164 lx
1.5 m	Ø 0.87 m	2 740 lx
2.0 m	Ø 1.15 m	1 541 lx
2.5 m	Ø 1.44 m	986 lx
3.0 m	Ø 1.73 m	685 lx



I max 35w* = 4 000 Cd / I max 70w* = 6 550 Cd

Beam angle 40°

Distance	Diameter	Illuminance
0.5 m	Ø 0.39 m	16 512 lx
1.0 m	Ø 0.78 m	4 128 lx
1.5 m	Ø 1.16 m	1 835 lx
2.0 m	Ø 1.55 m	1 032 lx
2.5 m	Ø 1.94 m	660 lx
3.0 m	Ø 2.33 m	459 lx



Zoom LED

LED spotlight – three-phase track system mounting



Material:

- body: die-cast aluminum in RAL 9003
- optics: transparent PMMA

Degree of protection: IP40

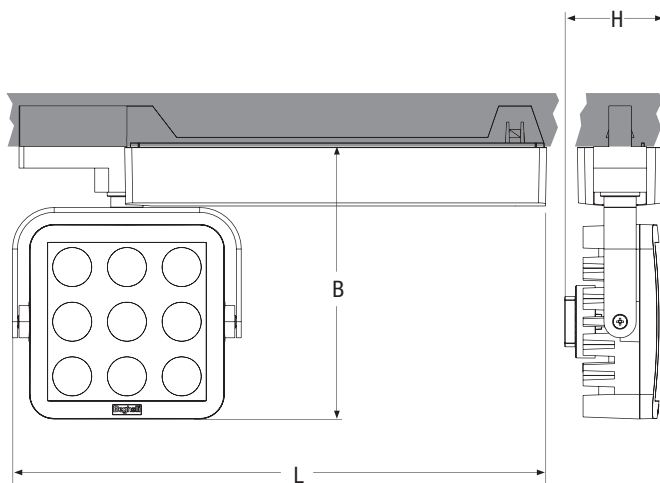
Rated voltage: 230 V/50 Hz

Control gear: LED driver

Mounting: for three-phase light track system

Application: shops windows, boutiques, shopping galleries, fashion lounge, hotels and restaurants

LED spotlight with module that allows tilting and rotation. The module contains 9 special high-efficiency LED with options to set narrow-beam or wide-beam light distribution. Adjustable in the range 10–40°.



MTBF of power supply** 65 000 h
(MTBF: Mean Time Between Failures)

Luminous flux decrease:** > 60 000 h (L80B20)
Color temp. stability: 3 SDCM

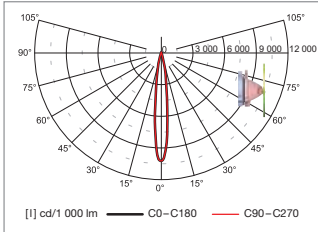
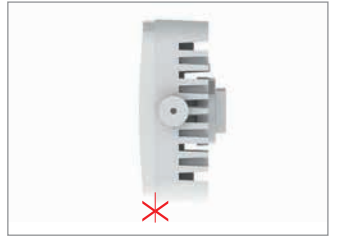
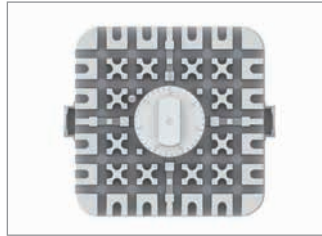
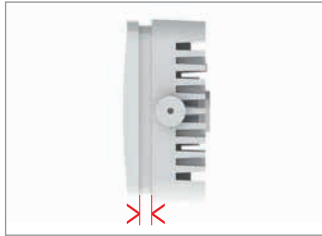
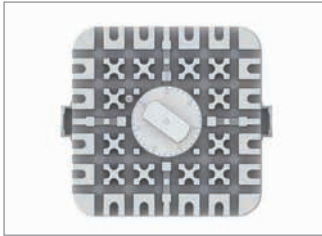
** Applies to ambient temperature 25°C

Power* W	Code	Article	Absorption W	Lum. flux (lm)	lm/W	Color temp. K	Ra	EEC	L × B × H (mm)	Kg
1×35	Z135LED	ZOOM LED BTRF 1X35W	15	1 400	90	3 000	≥80	A++	330 × 170 × 53	1.4
1×70	Z170LED	ZOOM LED BTRF 1X70W	33	2 500	76	3 000	≥80	A++	330 × 170 × 53	1.4
1×150	Z1150LED	ZOOM LED BTRF 1X150W	47	4 000	76	3 000	≥80	A+	330 × 170 × 53	1.4

* Indicative power just for fluorescent fixtures comparison purpose

SETTING THE LUMINANCE CURVE ON 40°

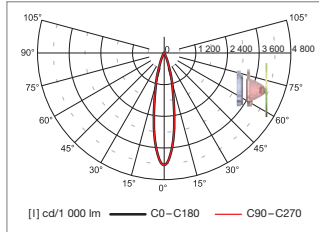
SETTING THE LUMINANCE CURVE ON 10°



I max 35w* = 28 800 Cd / I max 70w* = 47 400 Cd

Beam angle 10°

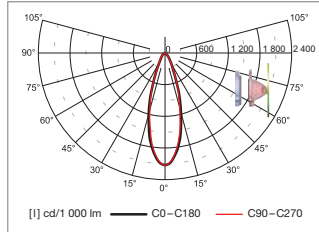
Distance	Diameter	Illuminance
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1.0 m	Ø 0.22 m	29 845 lx
1.5 m	Ø 0.33 m	13 264 lx
2.0 m	Ø 0.44 m	7 461 lx
2.5 m	Ø 0.55 m	4 775 lx
3.0 m	Ø 0.66 m	3 316 lx



I max 35w* = 11 900 / I max 70w* = 19 550 Cd

Beam angle 20°

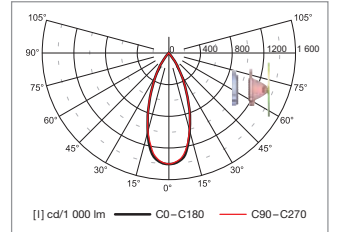
Distance	Diameter	Illuminance
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1.0 m	Ø 0.36 m	12 317 lx
1.5 m	Ø 0.53 m	5 474 lx
2.0 m	Ø 0.71 m	3 079 lx
2.5 m	Ø 0.89 m	1 971 lx
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I max 35w* = 5 950 Cd / I max 70w* = 9 800 Cd

Beam angle 30°

Distance	Diameter	Illuminance
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2.5 m	Ø 1.44 m	986 lx
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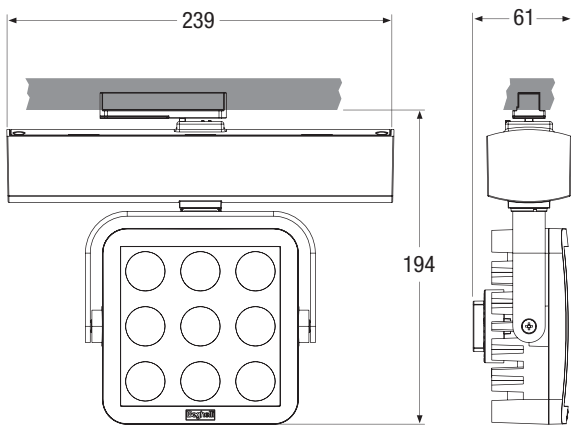
I max 35w* = 4 000 Cd / I max 70w* = 6 550 Cd

Beam angle 40°

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2.5 m	Ø 1.94 m	660 lx
3.0 m	Ø 2.33 m	459 lx

On request, we can supply the following performance:

- version with black body
- color rendering Ra 90
- other color temperatures



Version for single-phase light track system