Lega-C

Product datasheet



150 W · CRI ≥80

BR-FS0049-150W-F10

Total luminous flux

19,500 lm

130 lm/W · UGR <16

180 W · CRI ≥80

BR-FS0049-180W-F10

Total luminous flux

23,400 lm

130 lm/W · UGR <13

180 W · CRI 98

BR-FS0049-180W-F10

Total luminous flux

17,100 lm

95 lm/W · UGR <12

Fixed colour temperature selected when ordering: 3000 K / 4000 K / 6000 K.

150 W and 180 W with CRI ≥80: preliminary nominal values; measurement confirmation pending.

Original reports refer to the 180 W / 4000 K / CRI 98 test sample.

Technical data

Lega-C / FS0049 · 150 W + 180 W

Parameter	150 W · CRI ≥80	180 W · CRI ≥80	180 W · CRI 98
Model code	BR-FS0049-150W-F10	BR-FS0049-180W-F10	BR-FS0049-180W-F10
Input power	150 W	180 W	180 W
Total luminous flux	19,500 lm	23,400 lm	17,100 lm
Luminous efficacy	130 lm/W	130 lm/W	95 lm/W
Indirect / direct luminous flux ratio	75 / 25	80 / 20	80 / 20
Indirect luminous flux	14,600 lm	18,700 lm	13,680 lm
Direct luminous flux	4,900 lm	4,700 lm	3,420 lm
CRI	≥80	≥80	98
UGR	<16	<13	<12
LED source	Everlight SMD2835	Everlight SMD2835	Bridgelux
LED lifetime	≥36,000 h	≥36,000 h	≥60,000 h
Colour temperature	3000 K / 4000 K / 6000 K	3000 K / 4000 K / 6000 K	3000 K / 4000 K / 6000 K
Beam angles	Indirect 112° / Direct 82°	Indirect 112° / Direct 82°	Indirect 112° / Direct 82°
Sensors	Motion + daylight	Motion + daylight	Motion + daylight
Control interface	Knob + touch · direct / indirect independently dimmable	Knob + touch · direct / indirect independently dimmable	Knob + touch · direct / indirect independently dimmable
CCT adjustment	No — fixed CCT selected when ordering	No — fixed CCT selected when ordering	No — fixed CCT selected when ordering
Input	AC 200–240 V / 50 Hz	AC 200–240 V / 50 Hz	AC 200–240 V / 50 Hz
Power factor	>0.9	>0.9	>0.9
Dimensions (parameter sheet)	1000 × 335 × 1953 mm	1000 × 335 × 1953 mm	1000 × 335 × 1953 mm
Material	Aluminium	Aluminium	Aluminium
Surface finish	Powder coated	Powder coated	Powder coated
Finish	Silver / White / Black	Silver / White / Black	Silver / White / Black
Protection rating	IP40	IP40	IP40
Cable length	1.8 m	1.8 m	1.8 m
Operating temperature	0–40 °C	0–40 °C	0–40 °C
Warranty	3 or 5 years, subject to quotation	3 or 5 years, subject to quotation	3 or 5 years, subject to quotation
Carton dimensions	1127 × 457 × 143 mm	1127 × 457 × 143 mm	1127 × 457 × 143 mm