LED LOWBAY LUMINAIRE I-VALO MARCO®





Designed and manufactured in Finland!



Compact LED luminaire for industrial needs

The MARCO luminaire has a low frame, but is despite its size robust, mechanically stable and well suited to the challenging conditions within the industry. The frame is made of polyester-coated aluminium and the cover glass of tempered glass. The luminaire is equipped with I-Valo filtering technology. The wide light distribution is suitable for corridors, maintenance bridges and other low spaces.

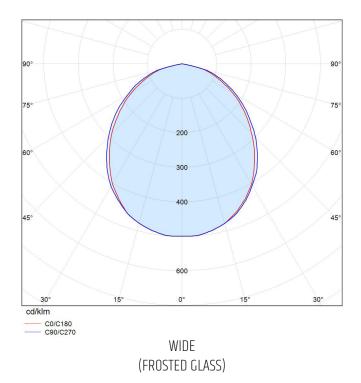
- Cover glass: tempered frosted glass. Upon request, also available with an acrylic cover.
- Body: polyester-coated aluminum ensures an excellent corrosion resistance
- Filter: GORE
- Connection: 1.5 m cable with schuko plug, quick connector or without plug
- Installation: I-Valo's wide range of mounting brackets are also suitable for MARCO luminaries

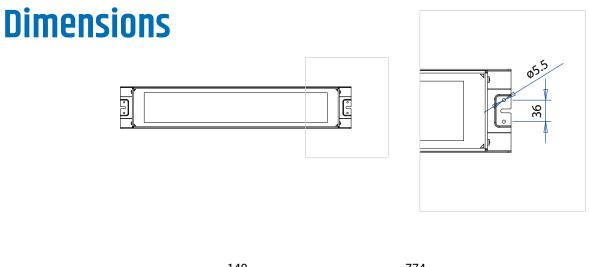


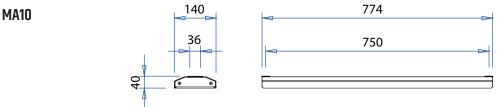


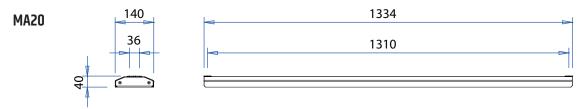


Light distribution















I-VALO GUARANTEES PERFORMANCE VALUES OF THE LUMINAIRE WITHIN THE SPECIFIED TA TEMPERATURE RANGE*

Input power MA10: 26 W, MA20: 53 W Luminous flux of the luminaire MA10: 3600 Im, MA20: 7250 Im Luminous efficacy of the luminaire MA10: 138 Im/W, MA20: 137 Im/W Colour temperature 4000 K Colour rendering index Ra >80 MacAdam value 3 SDCM Enclosure rating (IP) IP66 IK class IK08 Light distribution Wide Cover glass material Polyester-coated aluminum Connection options 0N/OFF version: cable 15 m + schuko plug (15 mm²) Free end cable 15 m (15 mm²) Quick connect terminal with 15m 15 mm² cable (3-fold) Frequency SO/60 Hz Innush current MA10: 5A Soµs (Ipeak (A) At bei Ipeak = 50% (S)) Voltage 20 - 240 V Power factor MA10: 0,95, MA20: 0,96 Weight MA10: 31 kg, MA20: 54 kg	Ta class	-35°C +50°C
Luminous flux of the luminaireMA10: 3600 lm, MA20: 7250 lmLuminous efficacy of the luminaireMA10: 138 lm/W, MA20: 137 lm/WColour remperature4000 KColour rendering indexRa >80MacAdam value350CMEnclosure rating (IP)IP66IK classIK08Light distributionWideCover glass materialPolyester coated aluminumGonection options0N/OFF version: cable 15 m + Schuko plug (15 mm²)ControlON/OFF version: cable 15 m 15 mm²Free end cable 15 m (15 mm²)Intogh-wired, RST Mini panel connector (3-fold)FrequencySo/O HZInsh currentMA10: 54 Solys (Ipeak (A) At bei Ipeak = 50% (S))Voltage220 - 240 VPower factorMato: 0.95, MA20: 0.96		
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Colour temperature4000 KColour rendering indexRa >80MacAdam value3 SDCMEnclosure rating (IP)IP66IK classIK08Light distributionWideCover glass materialTempered, frosted safety glass. Upon request, also a PMMA cover is available.Body materialPolyester-coated aluminumConnection options0N/OFF version: cable 15 m + schuko plug (15 mm²)ControlON/OFFFree end cable 15 m (15 mm²)Control0N/OFFFrequencySJ60 HZInrush currentMA10: 5A SDµs (Ipeak (A) At bei Ipeak = 50% (S))Notage20 - 240 VPower factorMA10: 095, MA20: 096		
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MacAdam value3 SDCMBackdam value1P66Ik classIk08Light distributionWideCover glass materialTempered, frosted safety glass. Upon request, also a PMMA cover is available.Body materialPolyester-coated aluminumConnection options0N/OFF version: cable 1.5 m + schuko plug (1.5 mm²)Connect errminal with 1,5m 1,5 mm²Quick connect terminal with 1,5m 1,5 mm² cable (3-fold)Free end cable 1.5 m (1,5 mm²)Quick connect terminal with 1,5m 1,5 mm² cable (3-fold)FrequencyS0/60 HzInrush currentS0/50 HzMA10: 5A S0µs (Ipeak (A) At bei Ipeak = 50% (s))Ma20: 10A S0µs (Ipeak (A) At bei Ipeak = 50% (s))Yoltage220 - 240 VPower factorMA10: 0,55 MA20: 0,96	Colour temperature	4000 K
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Quick connect terminal with 1,5 m n2 cable (3·fold)Through-wired, RST Mini panel connector (3·fold)Control0N/OFFFrequency50/60 HzInrush currentMA10: 5A 50µs (Ipeak (A) Δt bei Ipeak = 50% (S))Voltage220 · 240 VPower factorMA10: 0,95, MA20: 0,96	Connection options	ON/OFF version: cable 1.5 m + schuko plug (1.5 mm²)
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Inrush current MA10: 5A 50μs (Ipeak (A) Δt bei Ipeak = 50% (s)) MA20: 10A 50μs (Ipeak (A) Δt bei Ipeak = 50% (s)) MA20: 220 - 240 V Power factor MA10: 0,95, MA20: 0,96	Control	ON/OFF
MA20: 10A 50μs (Ipeak (A) Δt bei Ipeak = 50% (s)) Voltage 220 - 240 V Power factor MA10: 0,95, MA20: 0,96	Frequency	50/60 Hz
Voltage 220 - 240 V Power factor MA10: 0,95, MA20: 0,96	Inrush current	MA10: 5A 50μs (Ipeak (A) Δt bei Ipeak = 50% (s))
Power factor MA10: 0,95, MA20: 0,96		MA20: 10A 50µs (Ipeak (A) Δt bei Ipeak = 50% (s))
	Voltage	220 - 240 V
Weight MA10: 3,1 kg, MA20: 5,4 kg	Power factor	MA10: 0,95, MA20: 0,96
	Weight	MA10: 3,1 kg, MA20: 5,4 kg

*) Maximum ambient temperature (Ta class) for which the luminaire is classified and in which the specified technical values apply. However, the **operating temperature range of the luminaire is wider than the specified Ta value**. The ambient temperature affects e.g. the luminous flux and lifetime of the luminaire.