iGuzzini

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## Product configuration: QL40

QL40: Minimal section 5 LEDs - Wall Washer - Tunable White

33x137

# Product code QL40: Minimal section 5 LEDs - Wall Washer - Tunable White Technical description

Linear recessed miniaturised luminaire. Using LED lamps with a high colour rendering index and a different colour temperature allows dynamic light modulation to be obtained. The variation is achieved by mixing an emission of 3 x 2700K LEDs and 2 x 5700K LEDs. Despite the disparity of lamps that use extreme channels - 2700K and 5700K - the intensity of the flux emitted remains the same. Moreover, even when products of different sizes are used, the colour temperature remains constant and uniform. Main body with die-cast aluminium radiant surface; frameless version for mounting flush with ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Specialised asymmetrical optic system (patented) for obtaining homogeneous and efficient wall lighting. Flux enhancer - superpure aluminium reflector - asymmetrical textured PMMA screen - black polycarbonate internal perimeter frame. Supplied with an integrated power supply system (basic) that, without using additional components, allows the colour temperature to be changed by simply pressing the buttons (max 4 products). A DALI programmable setup with an intuitive, easy-to-use touch screen can be obtained using codes 6170 + M630. Other management systems are also available with a separate code for larger systems that require the intervention of a specialised technician to programme them: the MH97 + MH93 + M02 group offers a DALI / KNX programmable solution, and the MH97 + MH93 + M618 group allows the system management to be extended to remote devices like tablet and smartphones too.

### Installation

The recess body is inserted in the specific adapter installed previously by means of a steel wire spring - check the thickness of the false ceiling and use a compatible frame available with a separate item code.

Colour Black (04)	Weight (Kg) 0.47	
Mounting wall recessed ceiling recessed		

# Wiring

Control gear units included. Different management systems are available with a separate code. For technical details, properties and connection procedures see the instruction sheet.



Technical data			
Im system:	332	Lamp code:	LED
W system:	16.8	Number of lamps for optical	1
Im source:	850	assembly:	
W source:	8.9	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	19.7	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current: Maximum number of	10 A / 200 μs
Light Output Ratio (L.O.R.) [%]:		luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires
CRI (typical):	97		C16A: 51 luminaires
Colour temperature [K]: Life Time LED 1:	Tunable white 2700 - 5700 50,000h - L90 - B10 (Ta 25°C)	Minimum dimming %:	1
		Overvoltage protection:	4kV Common mode & 4kV Differential mode
		Control:	DALI-2



