

# UNICO Q9 basic

trimless

090-7Q943B0B21 090-7Q90100



|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |



Square recessed multi-downlight made of die-cast aluminium; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/20/25 mm; equipped with nine medium round light elements; symmetrical light distribution with precise radiation characteristic, beam angle 33°; high quality reflector with micro-faceted, aluminum-vaporised surface; black reflector; UGR ≤ 10; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; passive cooling of the LEDs through improved heat sink geometry; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy-efficient high power LEDs with very good colour rendering; degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source not replaceable; control gear replaceable by an authorized professional; clank-free;

## Light distribution



## Product drawing



## General

|                    |
|--------------------|
| Ceiling , Recessed |
| black reflector    |
| IP20               |
| 2530 lm            |

## LED

|  |
|--|
| 2700 K   |
| CRI ≥ 90   |
| L90 / 50000 h  |
| initial MacAdam ≤ 3 SDCM   |
| R <sub>g</sub> : 101 , R <sub>r</sub> : 91 , R <sub>(1-5)</sub> : 89 |
| MR 0.56  |
| MDER 0.51  |

## Optical

|                               |
|-------------------------------|
| medium round                  |
| beam angle 33°                |
| UGR ≤ 10 , ≥ 65° < 3000 cd/m² |
| PstLM ≤ 1.0 <sup>1</sup>      |
| SVM ≤ 0.4 <sup>1</sup>        |

## Electrical

|                             |
|-----------------------------|
| DALI-2                      |
| 220-240 V                   |
| system 29.9 W               |
| system 85 lm/W <sup>2</sup> |
| PC2                         |

## Physical

|               |
|---------------|
| trimless      |
| length 122 mm |
| width 122 mm  |
| height 51 mm  |
| 0.83 kg       |

## Cutout

|                                |
|--------------------------------|
| length 130 mm                  |
| width 130 mm                   |
| min. ceiling thickness 12.5 mm |
| max. ceiling thickness 25 mm   |
| recessed depth 90 mm           |

<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Installation instructions



## Lighting calculator

