

# UNICO L4basic

trim

090-7L451C0021 090-7L4020W



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



## General

|  |
|--|
| Ceiling , Recessed                       |
| chrome reflector , RAL 9016 <sup>1</sup> |
| Mounting set traffic white               |
| IP20                                     |
| 1360 lm                                  |

## LED

|   |
|---|
| 3000 K  |
| CRI ≥ 90  |
| L90 / 50000 h   |
| initial MacAdam ≤ 3 SDCM  |
| R <sub>g</sub> : 100 , R <sub>f</sub> : 92 , R <sub>f(1-5)</sub> : 91 |
| MR 0.64   |
| MDER 0.58   |

## Optical

|   |
|---|
| flood round                             |
| beam angle 49°                          |
| UGR ≤ 16 , ≥65° <3000 cd/m <sup>2</sup> |
| PstLM ≤ 1.0 <sup>2</sup>                |
| SVM ≤ 0.4 <sup>2</sup>                  |

## Electrical

|                              |
|------------------------------|
| non DIM                      |
| 220-240 V                    |
| system 13.1 W                |
| system 104 lm/W <sup>3</sup> |
| PC2                          |

## Physical

|               |
|---------------|
| trim          |
| length 176 mm |
| width 63 mm   |
| height 51 mm  |
| 0.55 kg       |

## Cutout

|                              |
|------------------------------|
| length 165 mm                |
| width 50 mm                  |
| min. ceiling thickness 2 mm  |
| max. ceiling thickness 25 mm |
| recessed depth 100 mm        |

Rectangular recessed multi-downlight made of die-cast aluminium; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; equipped with four flood round light elements; symmetrical light distribution with precise radiation characteristic, beam angle 49°; high quality reflector with micro-faceted, aluminum-vaporised surface; chrome reflector; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m<sup>2</sup>; passive cooling of the LEDs through improved heat sink geometry; light colour 3000 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. converter, non dimmable; 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Installation instructions



## Lighting calculator

