



LED



Norms: EN 60598-1, EN 60598-2-2



**PRODUCT DESCRIPTION**

**Areas of Application:** Commercial and Business areas, Public buildings, Housing, Offices, Hotel and Restaurant services, Art and Culture spaces.

**Mounting:** Ceiling recessed.

**Light Distribution:** Direct.

**Light Source:** LED 4000K, CRI>80, 60.000h life (@L70, B10, Ta 25 C).

**Control Gear:** LED driver, 220-240VAC-50/60Hz.

**Materials:** Body: Die-cast aluminium.

**Surface Finish:** Powder coated.

EFFICIENT - High LOR reflector | Satin aluminium reflector | 80 Beam angle

| LED | UGR | W  | Lm   | mA  | V  | Lm/W | η(%) | AxB (mm) | Φ    | K1 | K3 | kg  | HF           | DALI         |
|-----|-----|----|------|-----|----|------|------|----------|------|----|----|-----|--------------|--------------|
| LED | ≤16 | 8  | 1150 | 240 | 33 | 113  | 98   | Ø236x130 | Ø220 | •  | •  | 2,0 | 90014.L108.E | 90014.L108.H |
|     | ≤19 | 18 | 2091 | 440 | 34 | 115  | 99   | Ø236x130 | Ø220 | •  | •  | 2,0 | 90014.L115.E | 90014.L115.H |
|     | ≤22 | 28 | 3070 | 670 | 35 | 109  | 99   | Ø236x130 | Ø220 | •  | •  | 2,0 | 90014.L125.E | 90014.L125.H |

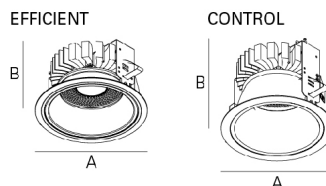
CONTROL - Glare control | Satin aluminium reflector | 80 Beam angle

| LED | UGR | W  | Lm   | mA  | V  | Lm/W | η(%) | AxB (mm) | Φ    | K1 | K3 | kg  | HF           | DALI         |
|-----|-----|----|------|-----|----|------|------|----------|------|----|----|-----|--------------|--------------|
| LED | ≤16 | 8  | 1150 | 240 | 33 | 107  | 93   | Ø236x178 | Ø220 | •  | •  | 2,0 | 90123.L108.E | 90123.L108.H |
|     | ≤19 | 18 | 2091 | 440 | 34 | 110  | 95   | Ø236x178 | Ø220 | •  | •  | 2,0 | 90123.L115.E | 90123.L115.H |
|     | ≤19 | 28 | 3070 | 670 | 35 | 104  | 95   | Ø236x178 | Ø220 | •  | •  | 2,0 | 90123.L125.E | 90123.L125.H |

COLOUR / FINISH

| Code                           | Description |
|--------------------------------|-------------|
| W                              | White       |
| G                              | Grey        |
| B                              | Black       |
| • Other colours under request. |             |

DIMENSIONS



Example code for order: 90014.L125.H (DALI) + W (COLOUR/FINISH) + 3000 + 955000 + K3 (OPTIONS)

We reserve the right to make technical changes without prior notice. Electrical/Optical data are subjected to a tolerance of +/-10%.

OPTIONS

Colour temperature



3000K

Order code  
**3000**

Safety cable



Steel safety cable

Order code  
**955000**

Emergency unit



Emergency unit 3 hours  
Emergency unit 1 hour

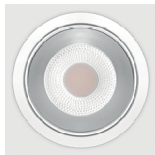
Order code  
**K3**  
**K1**

• Test function by telecommand signal.

DETAILS



Passive cooling

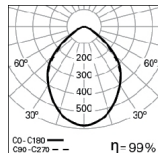


Front view

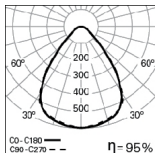


Connectors

PHOTOMETRY



DYNA LED 18W  
EFFICIENT 4000K 80°



DYNA LED 18W  
CONTROL 4000K 80°

TO SPECIFY:

Circular LED recessed downlight. Die cast aluminium trim and EFFICIENT or CONTROL high performance aluminum reflectors (UGR<19). Standard total luminous flux of 1150, 2091 or 3070lm, 4000K, CRI>80 and 60000h lifetime (@ L70, B10, Ta 25 C) and passive cooling of the LED through improved heat sink. Optional DALI dimmable driver, 3000K and 1 or 3 hours emergency unit. For ceiling thicknesses of 1 to 25mm. - as Roxo Lighting DYNA LED