

# BO 32 semi-recessed

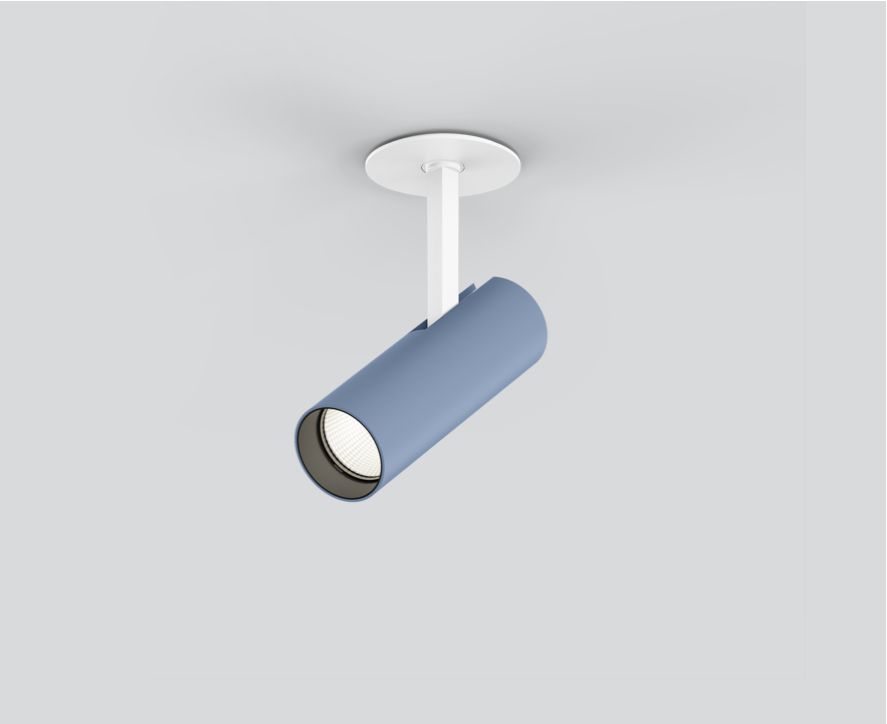
049-612041XF 002-90742



Project / Type

Notes

Count / Date



|                         |
|-------------------------|
| General                 |
| Ceiling , Semi-Recessed |
| tilt max 90°            |
| rotation 350°           |
| special colours         |
| IP20                    |
| 750 lm                  |

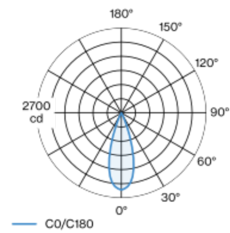
|  |
|--|
| LED  |
| 2700 K   |
| CRI ≥ 90   |
| L80 / 50000 h  |
| initial MacAdam ≤ 2 SDCM   |
| R <sub>g</sub> : 99 , R <sub>f</sub> : 91 , R <sub>(1-15)</sub> : 89 |
| MR 0.53  |
| MDER 0.48  |

|                          |
|--------------------------|
| Optical                  |
| flood                    |
| beam angle 34°           |
| PstLM ≤ 1.0 <sup>1</sup> |
| SVM ≤ 0.4 <sup>1</sup>   |

Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality, aluminium, vapour deposition coated reflector with faceted lens design; precise radiation characteristic with 34° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2 220-240V; incl. converter, non dimmable; external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

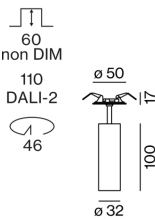
|                             |
|-----------------------------|
| Electrical                  |
| non DIM                     |
| system 11.6 W               |
| inset 8.7 W                 |
| 36 Vf                       |
| 250 mA                      |
| PC2 220-240V                |
| system 65 lm/W <sup>2</sup> |
| inset 86 lm/W <sup>3</sup>  |

## Light distribution



|           |          |       |  |
|-----------|----------|-------|--|
| flood 34° |          |       |  |
| h (m)     | EO° (lx) | ø (m) |  |
| 1         | 2450     | 0.61  |  |
| 2         | 610      | 1.21  |  |
| 3         | 270      | 1.82  |  |
| 4         | 150      | 2.42  |  |
| 5         | 100      | 3.03  |  |

## Product drawing



|                |
|----------------|
| Physical       |
| diameter 32 mm |
| height 139 mm  |
| 0.24 kg        |

|                              |
|------------------------------|
| Cutout                       |
| diameter 46 mm               |
| min. ceiling thickness 2 mm  |
| max. ceiling thickness 25 mm |
| recessed depth 60 mm         |

<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>3</sup> incl. optical losses

## Installation instructions



## Lighting calculator

