

# BO 32 semi-recessed

049-6120518S 002-90742



Project / Type

Notes

Count / Date



|                              |
|------------------------------|
| General                      |
| Ceiling , Semi-Recessed      |
| tilt max 90°                 |
| rotation 350°                |
| black , RAL9005 <sup>1</sup> |
| IP20                         |
| 800 lm                       |

|  |
|--|
| LED  |
| 3000 K   |
| CRI ≥ 90   |
| L80 / 50000 h  |
| initial MacAdam ≤ 2 SDCM   |
| R <sub>g</sub> : 100 , R <sub>f</sub> : 91 , R <sub>f1-15</sub> : 88 |
| MR 0.59  |
| MDER 0.53  |

|                          |
|--------------------------|
| Optical                  |
| spot                     |
| beam angle 18°           |
| PstLM ≤ 1.0 <sup>2</sup> |
| SVM ≤ 0.4 <sup>2</sup>   |

Cylindrical spotlight in aluminium; surface black 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 3000 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 18° 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 11.7 W               |
| inset 8.7 W                 |
| 36 Vf                       |
| 250 mA                      |
| PC2 220-240V                |
| system 68 lm/W <sup>3</sup> |
| inset 91 lm/W <sup>4</sup>  |

## Light distribution



| spot 18° |          |       |
|----------|----------|-------|
| h (m)    | E0° (lx) | ø (m) |
| 1        | 6060     | 0.32  |
| 2        | 1510     | 0.63  |
| 3        | 670      | 0.95  |
| 4        | 380      | 1.27  |
| 5        | 240      | 1.58  |

## 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> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

## Installation instructions



## Lighting calculator

