



Project / Type

Notes

Count / Date



|                                |
|--------------------------------|
| General                        |
| Ceiling / Wall , Semi-Recessed |
| black , RAL 9005 <sup>1</sup>  |
| front IP40 , back IP20         |
| 3730 lm                        |
| 2040 lm/m                      |

|                          |
|--------------------------|
| LED                      |
| 4000 K                   |
| CRI ≥ 80                 |
| L90 / 50000 h            |
| initial MacAdam ≤ 3 SDCM |
| MR 0.72                  |
| MDER 0.66                |

|                          |
|--------------------------|
| Optical                  |
| Jut-Out                  |
| opal (lambertsch)        |
| PstLM ≤ 1.0 <sup>2</sup> |
| SVM ≤ 0.4 <sup>2</sup>   |

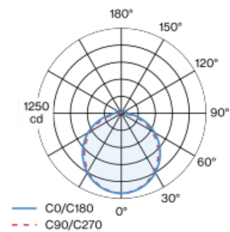
|                              |
|------------------------------|
| Electrical                   |
| DALI-2                       |
| 220-240 V                    |
| system 28.6 W                |
| system 130 lm/W <sup>3</sup> |
| PC1                          |
| 1 DALI Addr.                 |
| 16 W/m                       |

|                |
|----------------|
| Physical       |
| length 1835 mm |
| width 89 mm    |
| height 38 mm   |
| 5.4 kg         |

|                                |
|--------------------------------|
| Cutout                         |
| length 1843 mm                 |
| width 70 mm                    |
| min. ceiling thickness 12.5 mm |
| recessed depth 13 mm           |

<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

Light distribution



Product drawing



Installation instructions



# LENO jut-out

semi-recessed  
051-8516638J



Project / Type

Notes

Count / Date

## Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000            | 40 000                          | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF               | 0.98                         | 0.95   | 0.93              | 0.91                            | 0.9    |
| LSF                | 1                            | 1      | 1                 | 1                               | 1      |
| MF                 | LMF × RSMF × LLMF × LSF      |        | RSMF <sup>a</sup> | Room Surface Maintenance Factor |        |
| MF                 | Maintenance Factor           |        | LLMF              | Lamp Lumens Maintenance Factor  |        |
| LMF <sup>a</sup>   | Luminaire Maintenance Factor |        | LSF               | Lamp Survival Faktor            |        |

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10                            | 18                 |
| B13                            | 24                 |
| B16                            | 30                 |
| B20                            | 37                 |
| C10                            | 31                 |
| C13                            | 40                 |
| C16                            | 51                 |
| C20                            | 62                 |

## Other accessories

### DISMOUNTING TOOL

|            |                   |
|------------|-------------------|
| TYPE       | ARTICLE NUMBER(S) |
| vacuum cup | 086-30000         |

