



**PROJECT**

**TYPE**

**NOTES**

**QUANTITY**

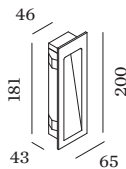
**DATE**



**IP65**



Rectangular wall recessed luminaire made from aluminium; surface White Matt; powder coated; matt texture; RAL 9010; recessed depth 43 mm; suitable for ceiling thickness of min. 12 mm; PCB 3-step binning; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; degree of protection IP65; Class 3; driver not included; light source not replaceable;



**GENERAL**

|                                |  |
|--------------------------------|--|
| Wall                           |  |
| Recessed                       |  |
| White Matt                     |  |
| RAL 9010 <sup>a</sup>          |  |
| IP65                           |  |
| Exterior                       |  |
| CIE flux code: 52 75 88 75 100 |  |

**LED**

|                               |  |
|-------------------------------|--|
| 3000 K                        |  |
| CRI $\geq 90$                 |  |
| L70 / 60000h                  |  |
| initial MacAdam $\leq 3$ SDCM |  |

**OPTICAL**

|           |  |
|-----------|--|
| Asymetric |  |
|-----------|--|

**ELECTRICAL**

|                   |  |
|-------------------|--|
| excl. driver      |  |
| 6 V               |  |
| inset 2.0 / 4.3 W |  |
| Class 3           |  |

**PHYSICAL**

|               |  |
|---------------|--|
| length 65 mm  |  |
| width 33 mm   |  |
| height 200 mm |  |
| 0.28 kg       |  |

**CUTOUT**

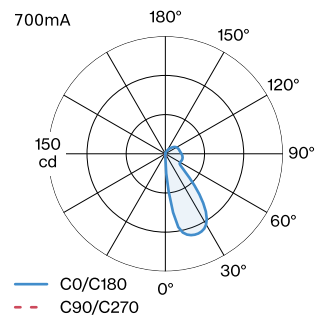
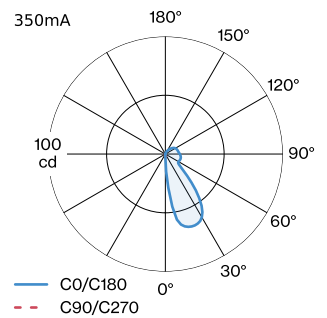
|                              |  |
|------------------------------|--|
| length 47 mm                 |  |
| width 182 mm                 |  |
| min. ceiling thickness 12 mm |  |
| recessed depth 43 mm         |  |

<sup>a</sup> Colour may deviate slightly due to production conditions.

**OUTPUT**

|        |  |
|--------|--|
| 700mA  |  |
| 120 lm |  |
| 5.7 W  |  |
| 350mA  |  |
| 71 lm  |  |
| 2.7 W  |  |

**LIGHT DISTRIBUTION**





## Maintenance Factor

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.96   | 0.94   | 0.91   | 0.89   | 0.87   |
| LSF                | 1      | 1      | 1      | 1      | 1      |

MF LMF × RSMF × LLMF × LSF

MF Maintenance Factor

LMF<sup>a</sup> Luminaire Maintenance Factor

RSMF<sup>a</sup> Room Surface Maintenance Factor

LLMF Lamp Lumens Maintenance Factor

LSF Lamp Survival Factor

<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.

## MOUNTING ACCESSORIES

### Concrete Housing

| Type                | Colour | Voltage | L·W·H (MM) | Item number |
|---------------------|--------|---------|------------|-------------|
| ORIS 0.7   RETO 2.0 |        |         | 57-55-190  | 90012044    |

### Recessed Housing incl. plasterkit

| Type                | Colour | Voltage | L·W·H (MM) | Item number |
|---------------------|--------|---------|------------|-------------|
| ORIS 0.7   RETO 2.0 |        |         | 100-67-250 | 90012039    |

## ELECTRICAL ACCESSORIES

### Driver

| Type                        | Colour | Voltage | L·W·H (MM) | Item number |
|-----------------------------|--------|---------|------------|-------------|
| 3W   350 mA   3-15V   IP66  |        | 3-15V   | 52-30-23   | 90213101    |
| 7W   500mA   5-14.5V   IP67 |        | 5-14.5V | 57-41-24   | 90214301    |
| 7W   700mA   3-10.5V   IP67 |        | 3-10,5V | 57-41-24   | 90215301    |