



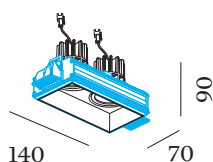
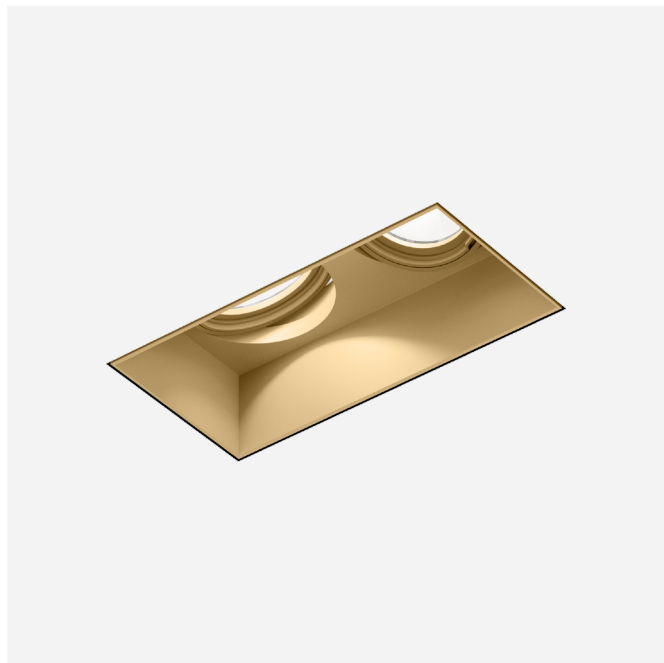
**PROJECT**

**TYPE**

**NOTES**

**QUANTITY**

**DATE**



**GENERAL**

|                             |  |
|-----------------------------|--|
| Ceiling                     |  |
| Recessed                    |  |
| tilt max 35 °               |  |
| rotation 355 °              |  |
| Champagne                   |  |
| IP20                        |  |
| Interior                    |  |
| CIE flux code: 92 97 99 100 |  |
| 100                         |  |

**OUTPUT**

|         |  |
|---------|--|
| 350mA   |  |
| 1170 lm |  |
| 14.6 W  |  |
| 500mA   |  |
| 1580 lm |  |
| 21.5 W  |  |

**LED**

|                          |  |
|--------------------------|--|
| 2700 K                   |  |
| CRI ≥ 90                 |  |
| L80 / 55000h             |  |
| initial MacAdam ≤ 2 SDCM |  |

**OPTICAL**

|                   |  |
|-------------------|--|
| Standard          |  |
| beam angle 34°    |  |
| UGR ≤ 16          |  |
| ≥65° < 3000 cd/m² |  |

**ELECTRICAL**

|                     |  |
|---------------------|--|
| excl. driver        |  |
| 17 V                |  |
| inset 6.0 / 8.8 W   |  |
| inset 12.0 / 17.6 W |  |
| Class 3             |  |

**PHYSICAL**

|                |  |
|----------------|--|
| length 140 mm  |  |
| width 70 mm    |  |
| height 90 mm   |  |
| 0.74 kg        |  |
| alu plasterkit |  |

**CUTOUT**

|                              |  |
|------------------------------|--|
| length 156 mm                |  |
| width 86 mm                  |  |
| min. ceiling thickness 7 mm  |  |
| max. ceiling thickness 32 mm |  |
| recessed depth 95 mm         |  |



## Maintenance Factor

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.96   | 0.92   | 0.88   | 0.85   | 0.81   |
| 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.

## ELECTRICAL ACCESSORIES

### Driver

| Type                                 | Voltage | L·W·H (MM)  | Item number |
|--------------------------------------|---------|-------------|-------------|
| 17.5 - 20W                           |         | 102-51-30   | 90218601    |
| 20W   500mA   26-38V   phase-cut dim | 26-38V  | 138-44-30   | 90224602    |
| 20W   500mA   3-40V   DALI           | 3-40V   | 116-40.5-22 | 90244604    |
| 24W   500mA   6-49V   DALI-2         | 6-49V   | 143-43-30   | 90244701    |

## OTHER ACCESSORIES

### Metal spring clip

| Type                          | Ø (MM) | Item number |
|-------------------------------|--------|-------------|
| MR16   LED   PAR16   max. 12W | 59     | 90019700    |

### Spring clip

| Type                          | Colour    | Ø (MM) | Item number |
|-------------------------------|-----------|--------|-------------|
| MR16   LED   PAR16   max. 12W | Black     | 59     | 900198B0    |
| MR16   LED   PAR16   max. 12W | Champagne | 59     | 900198M0    |
| MR16   LED   PAR16   max. 12W | White     | 59     | 900198W0    |

## MOUNTING ACCESSORIES

### Plasterkit

| Type                             | L·W·H (MM) | Item number |
|----------------------------------|------------|-------------|
| STRANGE 2.0   SNEAK TRIMLESS 2.0 | 151-81-42  | 90017121    |