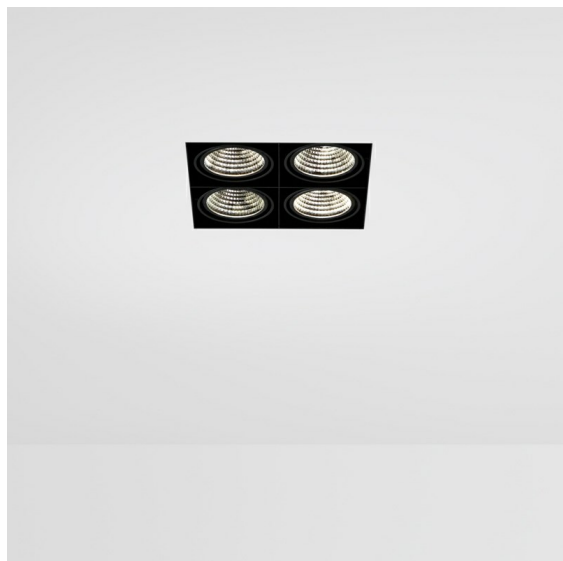
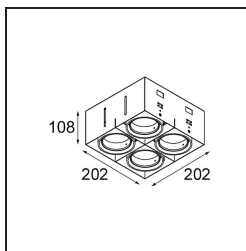


*FFD\_Mini-Multiple Smart Ring Recessed Trimless Adjustable 4x LED 4000K DE Black Matt*


Twintig jaar na de lancering is Mini-Multiple nog steeds een veelgevraagde reeks spots en één van onze parapetpaardjes in onze portfolio met architecturale verlichting. De stijlvolle technologie komt mooi tot zijn recht en maakt van Mini-Multiple jouw bondgenoot in zowel minimalistische als industrieel-chique opstellingen.

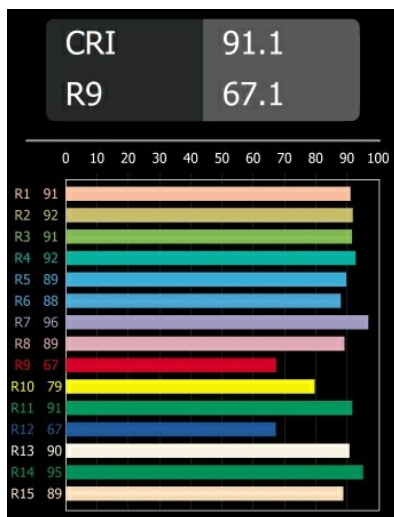
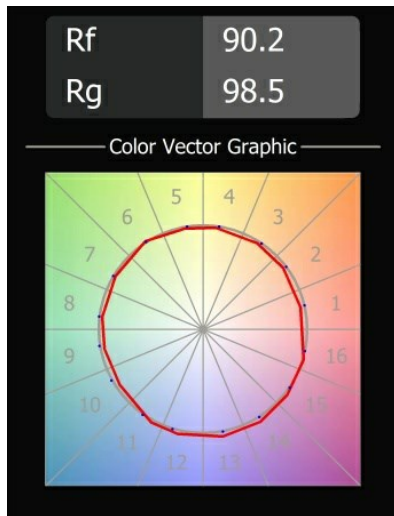


### Specificaties

|                                     |                                                                                                                                                                                                                |      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Materiaal                           | 12538202                                                                                                                                                                                                       |      |
| Type Lichtbron                      | LED                                                                                                                                                                                                            |      |
| LED type                            | BRIDGELUX V8G8                                                                                                                                                                                                 |      |
| LED technologie                     | Led-COB                                                                                                                                                                                                        |      |
| CRI                                 | Min. 90                                                                                                                                                                                                        |      |
| Kleurtemperatuur                    | 4000K                                                                                                                                                                                                          |      |
| Levensduur                          | L90B10 bij 50.000 Uur                                                                                                                                                                                          |      |
| Lamp inbegrepen                     | Ja                                                                                                                                                                                                             |      |
| Aantal Lichtbronnen                 | 4                                                                                                                                                                                                              |      |
| CIE-fluxcode                        | 100 100 100 100 95                                                                                                                                                                                             |      |
| Binning (SDCM)                      | 2                                                                                                                                                                                                              |      |
| Lichtrichting                       | Omlaag                                                                                                                                                                                                         |      |
| Optisch                             | Reflector                                                                                                                                                                                                      |      |
| Ingangsspanning                     | Aandrijving Gelijkstroom Vereist                                                                                                                                                                               |      |
| Elektriciteitsklasse                | III                                                                                                                                                                                                            |      |
| IP-klasse                           | 20                                                                                                                                                                                                             |      |
| Gloeidraadtest (°C)                 | 960                                                                                                                                                                                                            |      |
| Binnen/Buiten                       | Binnen                                                                                                                                                                                                         |      |
| Toepassing                          | Plafond, Wand                                                                                                                                                                                                  |      |
| Montage                             | Inbouw                                                                                                                                                                                                         |      |
| Inbouwopening (mm)                  | L 207 W 234.5                                                                                                                                                                                                  |      |
| Montagediepte (mm)                  | 120,0                                                                                                                                                                                                          |      |
| Verstelbaarheid                     | V -35°/+35°                                                                                                                                                                                                    |      |
| Afstand tot Verlicht Voorwerp (m)   | 0,1                                                                                                                                                                                                            |      |
| Primaire Kleur & Primaire Afwerking | Zwart, Mat                                                                                                                                                                                                     |      |
| Brutogewicht (g)                    | 1960,0                                                                                                                                                                                                         |      |
| Stroom driver (mA)                  | 350                                                                                                                                                                                                            | 500  |
| Min. forward voltage (Vf)           | 13,2                                                                                                                                                                                                           | 13,7 |
| Max. forward voltage (Vf)           | 15,0                                                                                                                                                                                                           | 15,4 |
| Connected load (W)                  | 5,0                                                                                                                                                                                                            | 7,2  |
| Lumenoutput per lampunit (lm)       | 599                                                                                                                                                                                                            | 753  |
| Efficiëntie (lm/W)                  | 120                                                                                                                                                                                                            | 105  |
| UGR                                 | 14                                                                                                                                                                                                             | 15   |
| Opmerking                           | <ul style="list-style-type: none"> <li>• Smart frontring niet inbegrepen</li> <li>• Dit is geen compleet product. Smart frontring vereist.</li> <li>• Dit is geen compleet product. Smart frontring</li> </ul> |      |

vereist.

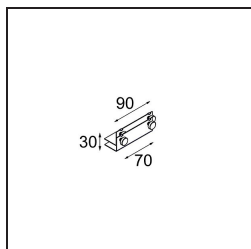
*TM30 & CRI Diagrammen*



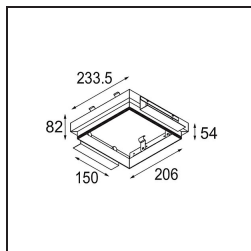
## Optische Accessoires

- **12553002** Frontring Smart Flat Medium Black Matt
- **12553009** Frontring Smart Flat Medium White Structure
- **12553102** Frontring Smart Flat Flood Black Matt
- **12553109** Frontring Smart Flat Flood White Structure
- **12553202** Frontring Smart Flat Spot Black Matt
- **12553209** Frontring Smart Flat Spot White Structure
- **12554002** Frontring Smart Cake Medium Black Matt
- **12554009** Frontring Smart Cake Medium White Structure
- **12554102** Frontring Smart Cake Flood Black Matt
- **12554109** Frontring Smart Cake Flood White Structure
- **12554202** Frontring Smart Cake Spot Black Matt
- **12554209** Frontring Smart Cake Spot White Structure
- **12555002** Frontring Smart Lotis Medium Black Matt
- **12555009** Frontring Smart Lotis Medium White Structure
- **12555102** Frontring Smart Lotis Flood Black Matt
- **12555109** Frontring Smart Lotis Flood White Structure
- **12555202** Frontring Smart Lotis Spot Black Matt
- **12555209** Frontring Smart Lotis Spot White Structure
- **12556002** Frontring Smart Kup Medium Black Matt
- **12556009** Frontring Smart Kup Medium White Structure
- **12556102** Frontring Smart Kup Flood Black Matt
- **12556109** Frontring Smart Kup Flood White Structure
- **12556202** Frontring Smart Kup Spot Black Matt
- **12556209** Frontring Smart Kup Spot White Structure

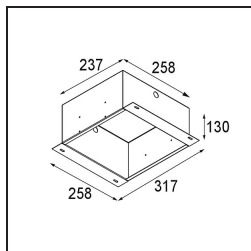
## Installatie Accessoires



- 12534002** Mini-Multiple Trimless Mounting Bracket Black



**10460430** Plaster Kit Trimless 233x233 - 206x206 4x



**10440430** Installation Housing 237x258x130

Kies een vereist accessoire