



## DEEP RINGO TRIMLESS LED IP 93033

202 146 811 932 B

BESCHIKBAAR IN

**ZWART** 202 146 811 932 B

**ALU GEBORSTELD** 202 146 811 932 BRA

**GEBORSTELD ANTRACIET** 202 146 811 932 BRAT

**GEBORSTELD BRUIN BRONS** 202 146 811 932 BRBB

**GEBORSTELD KOPER** 202 146 811 932 BRCU

**GEBORSTELD GOUD** 202 146 811 932 BRG

**GEBORSTELD OUD BRONS** 202 146 811 932 BROB

**CRÈME** 202 146 811 932 CR

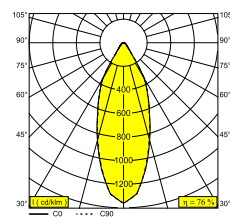
**FLEMISH BRONZE** 202 146 811 932 FBR

**FLEMISH GOLD** 202 146 811 932 FG

**GOUD KLEUR** 202 146 811 932 GC

**PIANO ZWART** 202 146 811 932 PB

**WIT** 202 146 811 932 W



[Bekijk op website](#)



### Algemene info

|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| <b>LOCATIE</b>                | binnen                                                 |
| <b>INSTALLATIE</b>            | Plafond Inbouw                                         |
| <b>ZAAGMAAT/OPENING (MM)</b>  | rond - Ø KIT                                           |
| <b>INBOUWDIEPTE (MM)</b>      | 95                                                     |
| <b>STOF EN WATERDICHTHEID</b> | IP44/20                                                |
| <b>GEWICHT (KG)</b>           | 0.3                                                    |
| <b>RICHTBAARHEID</b>          | niet richtbaar                                         |
| <b>INFO</b>                   | REFLECTOR FL-33°<br>EXCL.LED POWER SUPPLY 350-500mA-DC |

### Elektrische info

|                       |                                              |
|-----------------------|----------------------------------------------|
| <b>KLASSE</b>         | III                                          |
| <b>DIM TYPE</b>       | afhankelijk van de te kiezen externe voeding |
| <b>ENERGIE KLASSE</b> | D                                            |
| <b>CERTIFICATEN</b>   | CB, ENEC, EPD                                |

### Info lichtbron

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| <b>LIGHTSOURCE NAME</b>         | LED                                                       |
| <b>LICHTBRON</b>                | LED array 5,8-8,6W / CRI>90 (R9: 52) / 3000K / 787-1089lm |
| <b>TM-30-15 WAARDEN</b>         | rf: 90 / Rg: 99                                           |
| <b>SDCM</b>                     | SDCM1                                                     |
| <b>RISK-GROEP</b>               | RG1                                                       |
| <b>LM80</b>                     | L90B10 > 50000                                            |
| <b>BEAMANGLE</b>                | 33°                                                       |
| <b>LED TECHNIEK (LICHTBRON)</b> | 1089lm // 8,6W // 127lm/W                                 |
| <b>LED TECHNIEK (TOESTEL)</b>   | 828lm // 9,9W // 84lm/W                                   |

### Benodigdheden

MOUNTING KIT R82 TRIMLESS O.F.A.

MOUNTING KIT AIR 101

LED POWER SUPPLY 350 / 500mA-DC DIM (Remote)

Voor gedetailleerde montage gegevens, consulteer de handleiding : **202\_146\_811\_XXX\_HAND.pdf**

| Ceiling Type                                                                                                         | Mounting Kit                                                                                                                      |                          |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------|
|  <b>System ceiling</b>               |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A.   | <a href="#">Required</a> |
|  <b>Plasterboard</b>                 |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A.   | <a href="#">Required</a> |
|  <b>Stucanet</b>                     |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A.   | <a href="#">Required</a> |
|  <b>Concrete + plaster</b>           |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A.   | <a href="#">Required</a> |
|  <b>Lintel + plaster</b>            |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | <a href="#">Required</a> |
|  <b>Hollow-core slab + plaster</b> |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | <a href="#">Required</a> |
|                                    |  29810 0100 - MOUNTING KIT SIDE AIR ONLY 1     | <a href="#">Required</a> |
|                                                                                                                      |  29810 0050 - MOUNTING KIT NO AIR 101          | <a href="#">Required</a> |
|                                                                                                                      |  29810 0010 - MOUNTING KIT SIDE AIR 101        | <a href="#">Required</a> |
|                                    |  29810 0200 - MOUNTING KIT TOP AIR ONLY 1      | <a href="#">Required</a> |
|                                                                                                                      |  29810 0210 - MOUNTING KIT TOP AIR 101         | <a href="#">Required</a> |
|                                                                                                                      |  29810 0050 - MOUNTING KIT NO AIR 101          | <a href="#">Required</a> |
|  <b>Cold stretched ceiling</b>     |  15212 0070 - MOUNTING KIT R82 TRIMLESS CSC    | <a href="#">Required</a> |
|  <b>Warm stretched ceiling</b>     |  15212 0150 - MOUNTING KIT R82 TRIMLESS WSC    | <a href="#">Required</a> |

## Noodunits



**21032 0270 B** EMERGENCY UNIT 7W / 1h + LED INDICATOR HOLDER B

**Uitsparingsmaat (mm): 27**



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**21032 0270 W** EMERGENCY UNIT 7W / 1h + LED INDICATOR HOLDER W



### LED voedingen

### # armaturen



# armaturen geeft aan hoeveel toestellen op de voeding kunnen worden aangesloten (min -> max). De waarden vóór en na de 'I' komen respectievelijk overeen met de minimale en maximale aanstroom. Waarden tussen haakjes zijn van toepassing op 110V.

Min. stroom | Max. stroom



**300 48 350 ED1** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM1

1 ☐

Dimtype: 1-10V

Uitsparingsmaat (mm): 30



**300 48 350 ED5** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5

1 ☐

Dimtype: DALI

Uitsparingsmaat (mm): 45



**300 48 350 MDL** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W MDL

1 ☐

Dimtype: niet dimbaar

Uitsparingsmaat (mm): 30



**300 48 350 WDL** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W WDL

1 ☐

Dimtype: WDL = draadloos

Uitsparingsmaat (mm): 45



**300 48 500 ED1** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM1

1 ☐

Dimtype: 1-10V

Uitsparingsmaat (mm): 30



**300 48 500 ED5** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM5

1 ☐

Dimtype: DALI

Uitsparingsmaat (mm): 45



**300 48 500 MDL** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W MDL

1 ☐

Dimtype: niet dimbaar

Uitsparingsmaat (mm): 30



**300 48 500 WDL** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W WDL

1 ☐

Dimtype: WDL = draadloos

Uitsparingsmaat (mm): 45

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|                                                                                    |                                                                                                                                                 |                |                          |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|
|    | <b>300 90 61</b><br>LED POWER SUPPLY MULTI-POWER DIM6<br><br>Dimtype: net-dimbaar (fase afsnijding) of met drukknop<br>Uitsparingsmaat (mm): 56 | 2   2          | <input type="checkbox"/> |
|    | <b>300 90 63</b><br>LED POWER SUPPLY MULTI-POWER DIM9<br><br>Dimtype: 1-10V of DALI of drukknop<br>Uitsparingsmaat (mm): 82                     | 4(4)   4(4)    | <input type="checkbox"/> |
|    | <b>300 90 64</b><br>LED POWER SUPPLY MULTI-POWER DIM7<br><br>Dimtype: 1-10V of met drukknop<br>Uitsparingsmaat (mm): 72                         | 2(1)   2(1)    | <input type="checkbox"/> |
|    | <b>300 90 67</b><br>LED POWER CONVERTER 24V-DC TO MULTI CURRENT 48W DIM9<br><br>Dimtype: 1-10V of DALI of drukknop                              | 2              | <input type="checkbox"/> |
|  | <b>300 90 68</b><br>LED POWER SUPPLY MULTI-POWER DIM5<br><br>Dimtype: DALI<br>Uitsparingsmaat (mm): 72                                          | 2(2)   2(1)    | <input type="checkbox"/> |
|  | <b>300 90 69</b><br>LED POWER SUPPLY MULTI-POWER HV DIM9<br><br>Dimtype: 1-10V of DALI of drukknop<br>Uitsparingsmaat (mm): 84                  | 2->6(6)   6(4) | <input type="checkbox"/> |
|  | <b>300 90 124</b><br>LED POWER SUPPLY MULTI-POWER DIM7<br><br>Dimtype: 1-10V of met drukknop<br>Uitsparingsmaat (mm): 55                        | 3(2)   2(1)    | <input type="checkbox"/> |
|  | <b>300 90 125</b><br>LED POWER SUPPLY MULTI-POWER MINI DIM5<br><br>Dimtype: DALI<br>Uitsparingsmaat (mm): 55                                    | 2(2)   2(1)    | <input type="checkbox"/> |
|  | <b>300 90 135</b><br>LED POWER SUPPLY MULTI-POWER HV<br><br>Dimtype: niet dimbaar<br>Uitsparingsmaat (mm): 90                                   | 3->3   2->3    | <input type="checkbox"/> |
|  | <b>21012 004W</b><br>LED POWER SUPPLY MULTI-POWER WDL<br><br>Dimtype: WDL = draadloos<br>Uitsparingsmaat (mm): 84                               | 3(3)   3(3)    | <input type="checkbox"/> |

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|  |                                                                      |                                |
|--|----------------------------------------------------------------------|--------------------------------|
|  | <b>21012 005W</b> LED POWER SUPPLY MULTI-POWER COMPACT WDL           | 3   3 <input type="checkbox"/> |
|  | <b>Dimtype:</b> WDL = draadloos                                      |                                |
|  | <b>Uitsparingsmaat (mm):</b> 54                                      |                                |
|  | <b>21012 0258</b> LED POWER SUPPLY MULTI POWER 200-350 / 10W DIM8    | 1 <input type="checkbox"/>     |
|  | <b>Dimtype:</b> net-dimbaar (fase afsnijding)                        |                                |
|  | <b>Uitsparingsmaat (mm):</b> 50                                      |                                |
|  | <b>21012 0278</b> LED POWER SUPPLY MULTI POWER 500-700 / 20W DIM8    | 1 <input type="checkbox"/>     |
|  | <b>Dimtype:</b> net-dimbaar (fase afsnijding)                        |                                |
|  | <b>Uitsparingsmaat (mm):</b> 55                                      |                                |
|  | <b>21012 0288</b> LED POWER SUPPLY MULTI POWER 500-700 / 36W DIM8    | 2->3 <input type="checkbox"/>  |
|  | <b>Dimtype:</b> net-dimbaar (fase afsnijding)                        |                                |
|  | <b>Uitsparingsmaat (mm):</b> 55                                      |                                |
|  | <b>21012 0298</b> LED POWER SUPPLY MULTI POWER 250-900 / 20W DIM8    | 2   2 <input type="checkbox"/> |
|  | <b>Dimtype:</b> net-dimbaar (fase afsnijding)                        |                                |
|  | <b>Uitsparingsmaat (mm):</b> 48                                      |                                |
|  | <b>21012 0480</b> LED POWER SUPPLY 350mA-DC / 17W IP68               | 2(2) <input type="checkbox"/>  |
|  | <b>Dimtype:</b> niet dimbaar                                         |                                |
|  | <b>Uitsparingsmaat (mm):</b> 60                                      |                                |
|  | <b>21012 0500</b> LED POWER SUPPLY 500mA-DC / 24W IP68               | 2(1) <input type="checkbox"/>  |
|  | <b>Dimtype:</b> niet dimbaar                                         |                                |
|  | <b>Uitsparingsmaat (mm):</b> 60                                      |                                |
|  | <b>21032 0295</b> LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5 | 2 <input type="checkbox"/>     |
|  | <b>Dimtype:</b> DALI                                                 |                                |
|  | <b>Uitsparingsmaat (mm):</b> 30                                      |                                |
|  | <b>21032 0305</b> LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM5 | 2 <input type="checkbox"/>     |
|  | <b>Dimtype:</b> DALI                                                 |                                |
|  | <b>Uitsparingsmaat (mm):</b> 30                                      |                                |

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### Montage kit



**15212 2000** MOUNTING KIT R82 TRIMLESS O.F.A.

Uitsparingsmaat (mm): 105

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### Montage kit spanplafond



**15212 0070** MOUNTING KIT R82 TRIMLESS CSC

☐

**15212 0150** MOUNTING KIT R82 TRIMLESS WSC

☐

### Montage kit - side air + light



**29810 0010** MOUNTING KIT SIDE AIR 101

Uitsparingsmaat (mm): 168

☐

### Montage kit - top air + light



**29810 0210** MOUNTING KIT TOP AIR 101

Uitsparingsmaat (mm): 135

☐

### Montage kit - side air only



**29810 0100** MOUNTING KIT SIDE AIR ONLY 1

Uitsparingsmaat (mm): 168

☐

# DELTALIGHT

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### Montage kit - top air only



**29810 0200** MOUNTING KIT TOP AIR ONLY 1

**Uitsparingsmaat (mm): 135**



### Montage kit - no air



**29810 0050** MOUNTING KIT NO AIR 101

**Uitsparingsmaat (mm): 168**



Notes: