



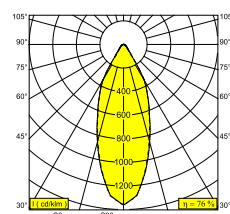
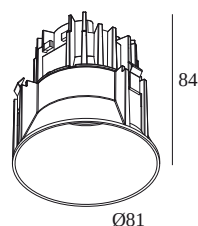
## DEEP RINGO TRIMLESS LED 93033

### REFERENCE

202 144 811 932 FBR

### AVAILABLE IN

**BLACK** 202 144 811 932 B  
**BRUSHED ALU** 202 144 811 932 BRA  
**BRUSHED ANTHRACITE** 202 144 811 932 BRAT  
**BRUSHED BROWN BRONZE** 202 144 811 932 BRBB  
**BRUSHED COPPER** 202 144 811 932 BRCU  
**BRUSHED GOLD** 202 144 811 932 BRG  
**BRUSHED OLD BRONZE** 202 144 811 932 BROB  
**CREAM** 202 144 811 932 CR  
**FLEMISH BRONZE** 202 144 811 932 FBR  
**FLEMISH GOLD** 202 144 811 932 FG  
**GOLD COLOURED** 202 144 811 932 GC  
**PIANO BLACK** 202 144 811 932 PB  
**WHITE** 202 144 811 932 W



[View on website](#)



### General info

|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| <b>LOCATION</b>               | indoor                                                 |
| <b>INSTALLATION</b>           | Ceiling Recessed                                       |
| <b>CUTOUT SHAPE/SIZE (MM)</b> | round - Ø KIT                                          |
| <b>RECESSED DEPTH (MM)</b>    | 95                                                     |
| <b>INGRESS PROTECTION</b>     | IP20                                                   |
| <b>WEIGHT (KG)</b>            | 0.3                                                    |
| <b>ADJUSTABILITY</b>          | non adjustable                                         |
| <b>INFORMATION</b>            | REFLECTOR FL-33°<br>EXCL.LED POWER SUPPLY 350-500mA-DC |

### Electrical info

|                     |                           |
|---------------------|---------------------------|
| <b>CLASS</b>        | III                       |
| <b>DIM TYPE</b>     | depending on power supply |
| <b>ENERGY CLASS</b> | D                         |
| <b>CERTIFICATES</b> | CB, ENEC, EPD, LCA        |

### Lightsource info

|                                    |                                                           |
|------------------------------------|-----------------------------------------------------------|
| <b>LIGHTSOURCE NAME</b>            | LED                                                       |
| <b>LIGHTSOURCE</b>                 | LED array 5,8-8,6W / CRI>90 (R9: 52) / 3000K / 787-1089lm |
| <b>TM-30 VALUES</b>                | Rf: 90 / Rg: 99                                           |
| <b>SDCM</b>                        | SDCM1                                                     |
| <b>RISKGROUP</b>                   | RG1                                                       |
| <b>LM80</b>                        | L90B10 > 50000                                            |
| <b>BEAMANGLE</b>                   | 33°                                                       |
| <b>LED TECHNICS (LIGHT SOURCE)</b> | 1089lm // 8,6W // 127lm/W                                 |
| <b>LED TECHNICS (LUMINAIRE)</b>    | 828lm // 9,9W // 84lm/W                                   |

### Requirements

MOUNTING KIT R82 TRIMLESS O.F.A.  
MOUNTING KIT AIR 101  
LED POWER SUPPLY 350 / 500mA-DC DIM (Remote)

DEEP RINGO TRIMLESS LED 93033

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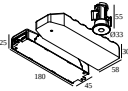
For detailed installation instructions, please consult the manual : [202\\_144\\_811\\_XXX\\_HAND.pdf](#)

CEILING COMPATIBILITY

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

FINISH YOUR SPECIFICATION

Emergency units



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

Cutout dimension (mm): 27

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# DELTALIGHT

## DEEP RINGO TRIMLESS LED 93033

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



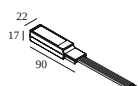
### LED power supplies

### # of Fixtures



# of fixtures indicates how many devices can be connected (min -> max) to the power supply. The values before and after the '|' correspond respectively with the minimum and maximum driving current. Values between brackets are applicable to 110V.

Min current | Max current



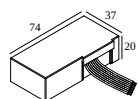
**300 48 350 ED1** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM1

1



Dimtype: 1-10V

Cutout dimension (mm): 30



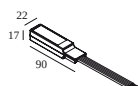
**300 48 350 ED5** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5

1



Dimtype: DALI

Cutout dimension (mm): 45



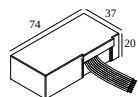
**300 48 350 MDL** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W MDL

1



Dimtype: non-dimmable

Cutout dimension (mm): 30



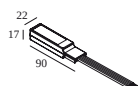
**300 48 350 WDL** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W WDL

1



Dimtype: WDL = wireless dimmable

Cutout dimension (mm): 45



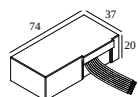
**300 48 500 ED1** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM1

1



Dimtype: 1-10V

Cutout dimension (mm): 30



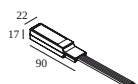
**300 48 500 ED5** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM5

1



Dimtype: DALI

Cutout dimension (mm): 45



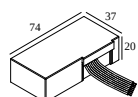
**300 48 500 MDL** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W MDL

1



Dimtype: non-dimmable

Cutout dimension (mm): 30



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

1

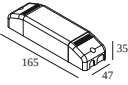
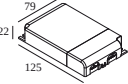
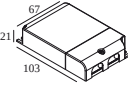
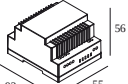
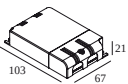
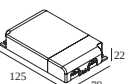
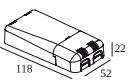
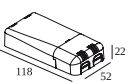
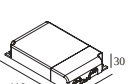
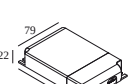


Dimtype: WDL = wireless dimmable

Cutout dimension (mm): 45

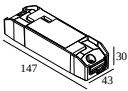
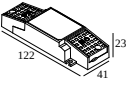
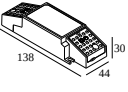
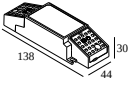
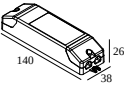
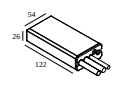
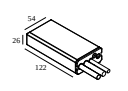
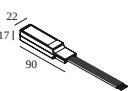
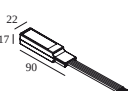
DEEP RINGO TRIMLESS LED 93033

202 144 811 932 FBR

|                                                                                    |                                                                                                                                     |                |                          |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|
|    | <b>300 90 61</b><br>LED POWER SUPPLY MULTI-POWER DIM6<br>Dimtype: mains (phase cut-off) or push button<br>Cutout dimension (mm): 56 | 2   2          | <input type="checkbox"/> |
|    | <b>300 90 63</b><br>LED POWER SUPPLY MULTI-POWER DIM9<br>Dimtype: 1-10V or DALI or push button<br>Cutout dimension (mm): 82         | 4(4)   4(4)    | <input type="checkbox"/> |
|    | <b>300 90 64</b><br>LED POWER SUPPLY MULTI-POWER DIM7<br>Dimtype: 1-10V or push button<br>Cutout dimension (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>Dimtype: 1-10V or DALI or push button                   | 2              | <input type="checkbox"/> |
|  | <b>300 90 68</b><br>LED POWER SUPPLY MULTI-POWER DIM5<br>Dimtype: DALI<br>Cutout dimension (mm): 72                                 | 2(2)   2(1)    | <input type="checkbox"/> |
|  | <b>300 90 69</b><br>LED POWER SUPPLY MULTI-POWER HV DIM9<br>Dimtype: 1-10V or DALI or push button<br>Cutout dimension (mm): 84      | 2->6(6)   6(4) | <input type="checkbox"/> |
|  | <b>300 90 124</b><br>LED POWER SUPPLY MULTI-POWER DIM7<br>Dimtype: 1-10V or push button<br>Cutout dimension (mm): 55                | 3(2)   2(1)    | <input type="checkbox"/> |
|  | <b>300 90 125</b><br>LED POWER SUPPLY MULTI-POWER MINI DIM5<br>Dimtype: DALI<br>Cutout dimension (mm): 55                           | 2(2)   2(1)    | <input type="checkbox"/> |
|  | <b>300 90 135</b><br>LED POWER SUPPLY MULTI-POWER HV<br>Dimtype: non-dimmable<br>Cutout dimension (mm): 90                          | 3->3   2->3    | <input type="checkbox"/> |
|  | <b>21012 004W</b><br>LED POWER SUPPLY MULTI-POWER WDL<br>Dimtype: WDL = wireless dimmable<br>Cutout dimension (mm): 84              | 3(3)   3(3)    | <input type="checkbox"/> |

DEEP RINGO TRIMLESS LED 93033

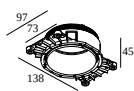
202 144 811 932 FBR

|                                                                                    |                                                                                                                                         |       |                          |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------|
|    | <b>21012 005W</b><br>LED POWER SUPPLY MULTI-POWER COMPACT WDL<br><br>Dimtype: WDL = wireless dimmable<br>Cutout dimension (mm): 54      | 3   3 | <input type="checkbox"/> |
|    | <b>21012 0258</b><br>LED POWER SUPPLY MULTI POWER 200-350 / 10W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 50 | 1     | <input type="checkbox"/> |
|    | <b>21012 0278</b><br>LED POWER SUPPLY MULTI POWER 500-700 / 20W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 55 | 1     | <input type="checkbox"/> |
|    | <b>21012 0288</b><br>LED POWER SUPPLY MULTI POWER 500-700 / 36W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 55 | 2->3  | <input type="checkbox"/> |
|  | <b>21012 0298</b><br>LED POWER SUPPLY MULTI POWER 250-900 / 20W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 48 | 2   2 | <input type="checkbox"/> |
|  | <b>21012 0480</b><br>LED POWER SUPPLY 350mA-DC / 17W IP68<br><br>Dimtype: non-dimmable<br>Cutout dimension (mm): 60                     | 2(2)  | <input type="checkbox"/> |
|  | <b>21012 0500</b><br>LED POWER SUPPLY 500mA-DC / 24W IP68<br><br>Dimtype: non-dimmable<br>Cutout dimension (mm): 60                     | 2(1)  | <input type="checkbox"/> |
|  | <b>21032 0295</b><br>LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5<br><br>Dimtype: DALI<br>Cutout dimension (mm): 30               | 2     | <input type="checkbox"/> |
|  | <b>21032 0305</b><br>LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM5<br><br>Dimtype: DALI<br>Cutout dimension (mm): 30               | 2     | <input type="checkbox"/> |

## DEEP RINGO TRIMLESS LED 93033

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### Mounting kits

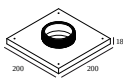


**15212 2000** MOUNTING KIT R82 TRIMLESS O.F.A.

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Cutout dimension (mm): 105

### Mounting kits stretched ceiling



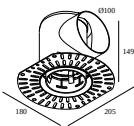
**15212 0070** MOUNTING KIT R82 TRIMLESS CSC

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**15212 0150** MOUNTING KIT R82 TRIMLESS WSC

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### Mounting kits side air + light

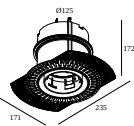


**29810 0010** MOUNTING KIT SIDE AIR 101

☐

Cutout dimension (mm): 168

### Mounting kits top air + light

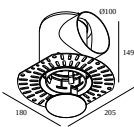


**29810 0210** MOUNTING KIT TOP AIR 101

☐

Cutout dimension (mm): 135

### Mounting kits side air only



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

☐

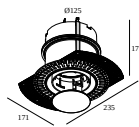
Cutout dimension (mm): 168

# DELTALIGHT

## DEEP RINGO TRIMLESS LED 93033

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### Mounting kits top air only

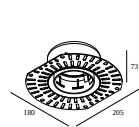


**29810 0200** MOUNTING KIT TOP AIR ONLY 1

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Cutout dimension (mm): 135

### Mounting kits no air



**29810 0050** MOUNTING KIT NO AIR 101

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Cutout dimension (mm): 168

Notes: