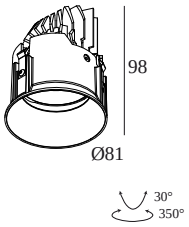
DELTALIGHT

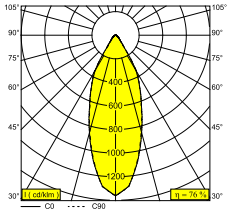


# DEEP RINGO TRIMLESS OK LED 93033

**REFERENCE** 202 145 811 932 B

AVAILABLE IN
**BLACK** 202 145 811 932 B
**BRUSHED ALU** 202 145 811 932 BRA
**BRUSHED ANTHRACITE** 202 145 811 932 BRAT
**BRUSHED BROWN BRONZE** 202 145 811 932 BRBB
**BRUSHED COPPER** 202 145 811 932 BRCU
**BRUSHED GOLD** 202 145 811 932 BRG
**BRUSHED OLD BRONZE** 202 145 811 932 BROB
**CREAM** 202 145 811 932 CR
**FLEMISH BRONZE** 202 145 811 932 FBR
**FLEMISH GOLD** 202 145 811 932 FG
**GOLD COLOURED** 202 145 811 932 GC
**WHITE** 202 145 811 932 W




View on website

| General info | |
|---|---|
| **LOCATION** | indoor |
| **INSTALLATION** | Ceiling Recessed |
| **CUTOUT SHAPE/SIZE (MM)** | round - Ø KIT |
| **RECESSED DEPTH (MM)** | 105 |
| **INGRESS PROTECTION** | IP20 |
| **WEIGHT (KG)** | 0.3 |
| **ADJUSTABILITY** | 0° to 30° swiveling, 355° rotatable |
| **INFORMATION** | REFLECTOR FL-33°<br>EXCL.LED POWER SUPPLY 350-500mA-DC |

| Electrical info | |
|---|---|
| **CLASS** | III |
| **DIM TYPE** | depending on power supply |
| **ENERGY CLASS** | D |
| **CERTIFICATES** | CB, ENEC, EPD, LCA |

| Lightsource info | |
|---|---|
| **LIGHTSOURCE NAME** | LED |
| **LIGHTSOURCE** | LED array 5,8-8,6W / CRI>90 (R9: 52) / 3000K / 787-1089lm |
| **TM-30 VALUES** | Rf: 90 / Rg: 99 |
| **SDCM** | SDCM1 |
| **RISKGROUP** | RG1 |
| **LM80** | L90B10 > 50000 |
| **BEAMANGLE** | 33° |
| **LED TECHNICS (LIGHT SOURCE)** | 1089lm // 8,6W // 127lm/W |
| **LED TECHNICS (LUMINAIRE)** | 828lm // 10W // 84lm/W |

**Requirements**

MOUNTING KIT R82 TRIMLESS O.F.A.
MOUNTING KIT AIR 102
LED POWER SUPPLY 350 / 500mA-DC DIM (Remote)

# DEEP RINGO TRIMLESS OK LED 93033

202 145 811 932 B

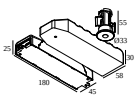
For detailed installation instructions, please consult the manual : **202_145_811_XXX_HAND.pdf**

## CEILING COMPATIBILITY

| Ceiling Type | Mounting Kit | |
|---|---|---|
|  **System ceiling** | 15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | Required |
|  **Plasterboard** | 15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | Required |
|  **Stucanet** | 15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | Required |
|  **Concrete + plaster** | 15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | Required |
|  **Lintel + plaster** | 15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | Required |
|  **Hollow-core slab + plaster** | 15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | Required |
|  **Ventilation in plasterboard** | 29810 0060 - MOUNTING KIT NO AIR 102 | Required |
| | 29810 0100 - MOUNTING KIT SIDE AIR ONLY 1 | Required |
| | 29810 0020 - MOUNTING KIT SIDE AIR 102 | Required |
|  **Ventilation in concrete + plaster** | 29810 0200 - MOUNTING KIT TOP AIR ONLY 1 | Required |
| | 29810 0060 - MOUNTING KIT NO AIR 102 | Required |
| | 29810 0220 - MOUNTING KIT TOP AIR 102 | Required |
|  **Cold stretched ceiling** | 15212 0070 - MOUNTING KIT R82 TRIMLESS CSC | Required |
|  **Warm stretched ceiling** | 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**

# DEEP RINGO TRIMLESS OK LED 93033

202 145 811 932 B

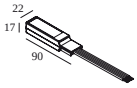
**21032 0270 W** EMERGENCY UNIT 7W / 1h + LED INDICATOR HOLDER W

## 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.

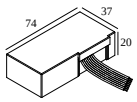
**Min current | Max current**




**300 48 350 ED1** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM1 — 1

**Dimtype: 1-10V**

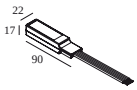
**Cutout dimension (mm): 30**




**300 48 350 ED5** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5 — 1

**Dimtype: DALI**

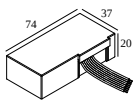
**Cutout dimension (mm): 45**




**300 48 350 MDL** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W MDL — 1

**Dimtype: non-dimmable**

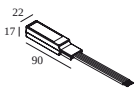
**Cutout dimension (mm): 30**




**300 48 350 WDL** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W WDL — 1

**Dimtype: WDL = wireless dimmable**

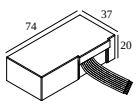
**Cutout dimension (mm): 45**




**300 48 500 ED1** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM1 — 1

**Dimtype: 1-10V**

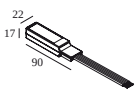
**Cutout dimension (mm): 30**




**300 48 500 ED5** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM5 — 1

**Dimtype: DALI**

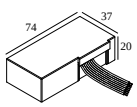
**Cutout dimension (mm): 45**




**300 48 500 MDL** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W MDL — 1

**Dimtype: non-dimmable**

**Cutout dimension (mm): 30**



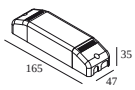

**300 48 500 WDL** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W WDL — 1

**Dimtype: WDL = wireless dimmable**

**Cutout dimension (mm): 45**

# DEEP RINGO TRIMLESS OK LED 93033

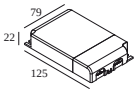
202 145 811 932 B




**300 90 61** LED POWER SUPPLY MULTI-POWER DIM6 2 | 2

**Dimtype: mains (phase cut-off) or push button**

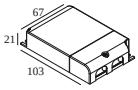
**Cutout dimension (mm): 56**




**300 90 63** LED POWER SUPPLY MULTI-POWER DIM9 4(4) | 4(4)

**Dimtype: 1-10V or DALI or push button**

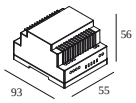
**Cutout dimension (mm): 82**




**300 90 64** LED POWER SUPPLY MULTI-POWER DIM7 2(1) | 2(1)

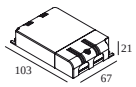
**Dimtype: 1-10V or push button**

**Cutout dimension (mm): 72**




**300 90 67** LED POWER CONVERTER 24V-DC TO MULTI CURRENT 48W DIM9 2

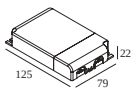
**Dimtype: 1-10V or DALI or push button**




**300 90 68** LED POWER SUPPLY MULTI-POWER DIM5 2(2) | 2(1)

**Dimtype: DALI**

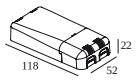
**Cutout dimension (mm): 72**




**300 90 69** LED POWER SUPPLY MULTI-POWER HV DIM9 2->6(6) | 6(4)

**Dimtype: 1-10V or DALI or push button**

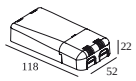
**Cutout dimension (mm): 84**




**300 90 124** LED POWER SUPPLY MULTI-POWER DIM7 3(2) | 2(1)

**Dimtype: 1-10V or push button**

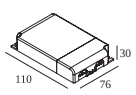
**Cutout dimension (mm): 55**




**300 90 125** LED POWER SUPPLY MULTI-POWER MINI DIM5 2(2) | 2(1)

**Dimtype: DALI**

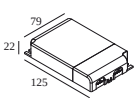
**Cutout dimension (mm): 55**




**300 90 135** LED POWER SUPPLY MULTI-POWER HV 3->3 | 2->3

**Dimtype: non-dimmable**

**Cutout dimension (mm): 90**



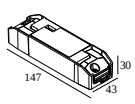

**21012 004W** LED POWER SUPPLY MULTI-POWER WDL 3(3) | 3(3)

**Dimtype: WDL = wireless dimmable**

**Cutout dimension (mm): 84**

# DEEP RINGO TRIMLESS OK LED 93033

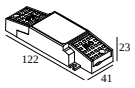
202 145 811 932 B




**21012 005W** LED POWER SUPPLY MULTI-POWER COMPACT WDL — 3 | 3

**Dimtype: WDL = wireless dimmable**

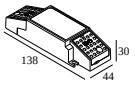
**Cutout dimension (mm): 54**




**21012 0258** LED POWER SUPPLY MULTI POWER 200-350 / 10W DIM8 — 1

**Dimtype: mains (phase cut-off)**

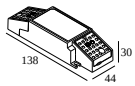
**Cutout dimension (mm): 50**




**21012 0278** LED POWER SUPPLY MULTI POWER 500-700 / 20W DIM8 — 1

**Dimtype: mains (phase cut-off)**

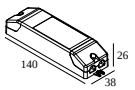
**Cutout dimension (mm): 55**




**21012 0288** LED POWER SUPPLY MULTI POWER 500-700 / 36W DIM8 — 2->3

**Dimtype: mains (phase cut-off)**

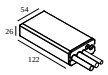
**Cutout dimension (mm): 55**




**21012 0298** LED POWER SUPPLY MULTI POWER 250-900 / 20W DIM8 — 2 | 2

**Dimtype: mains (phase cut-off)**

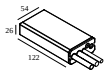
**Cutout dimension (mm): 48**




**21012 0480** LED POWER SUPPLY 350mA-DC / 17W IP68 — 2(2)

**Dimtype: non-dimmable**

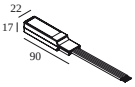
**Cutout dimension (mm): 60**




**21012 0500** LED POWER SUPPLY 500mA-DC / 24W IP68 — 2(1)

**Dimtype: non-dimmable**

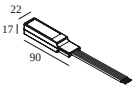
**Cutout dimension (mm): 60**




**21032 0295** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5 — 2

**Dimtype: DALI**

**Cutout dimension (mm): 30**




**21032 0305** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM5 — 2

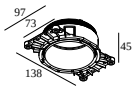
**Dimtype: DALI**

**Cutout dimension (mm): 30**

# DEEP RINGO TRIMLESS OK LED 93033

202 145 811 932 B

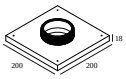
## Mounting kits



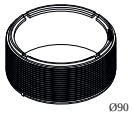

**15212 2000** MOUNTING KIT R82 TRIMLESS O.F.A.

**Cutout dimension (mm): 105**

## Mounting kits stretched ceiling

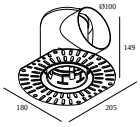



**15212 0070** MOUNTING KIT R82 TRIMLESS CSC




**15212 0150** MOUNTING KIT R82 TRIMLESS WSC

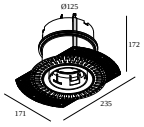
## Mounting kits side air + light




**29810 0020** MOUNTING KIT SIDE AIR 102

**Cutout dimension (mm): 168**

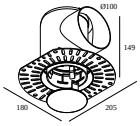
## Mounting kits top air + light




**29810 0220** MOUNTING KIT TOP AIR 102

**Cutout dimension (mm): 135**

## Mounting kits side air only




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

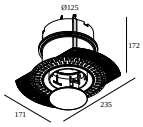
**Cutout dimension (mm): 168**

DELTALIGHT

# DEEP RINGO TRIMLESS OK LED 93033

202 145 811 932 B

## Mounting kits top air only




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

**Cutout dimension (mm): 135**

## Mounting kits no air




**29810 0060** MOUNTING KIT NO AIR 102

**Cutout dimension (mm): 168**

Notes: