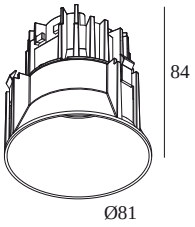
DELTALIGHT

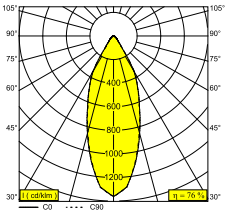


DEEP RINGO TRIMLESS LED IP 93033

REFERENCE 202 146 811 932 PB

AVAILABLE IN
BLACK 202 146 811 932 B
BRUSHED ALU 202 146 811 932 BRA
BRUSHED ANTHRACITE 202 146 811 932 BRAT
BRUSHED BROWN BRONZE 202 146 811 932 BRBB
BRUSHED COPPER 202 146 811 932 BRCU
BRUSHED GOLD 202 146 811 932 BRG
BRUSHED OLD BRONZE 202 146 811 932 BROB
CREAM 202 146 811 932 CR
FLEMISH BRONZE 202 146 811 932 FBR
FLEMISH GOLD 202 146 811 932 FG
GOLD COLOURED 202 146 811 932 GC
PIANO BLACK 202 146 811 932 PB
WHITE 202 146 811 932 W





View on website

General info	
LOCATION	indoor
INSTALLATION	Ceiling Recessed
CUTOUT SHAPE/SIZE (MM)	round - Ø KIT
RECESSED DEPTH (MM)	95
INGRESS PROTECTION	IP44/20
WEIGHT (KG)	0.3
ADJUSTABILITY	non adjustable
INFORMATION	REFLECTOR FL-33° EXCL.LED POWER SUPPLY 350-500mA-DC

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

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 // 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 IP 93033

202 146 811 932 PB

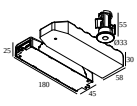
For detailed installation instructions, please consult the manual : **202_146_811_XXX_HAND.pdf**

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 0100 - MOUNTING KIT SIDE AIR ONLY 1	Required
	29810 0050 - MOUNTING KIT NO AIR 101	Required
	29810 0010 - MOUNTING KIT SIDE AIR 101	Required
 **Ventilation in concrete + plaster**	29810 0200 - MOUNTING KIT TOP AIR ONLY 1	Required
	29810 0210 - MOUNTING KIT TOP AIR 101	Required
	29810 0050 - MOUNTING KIT NO AIR 101	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 LED IP 93033

202 146 811 932 PB

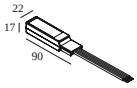
21032 0270 W EMERGENCY UNIT 7W / 1h + LED INDICATOR HOLDER W

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.

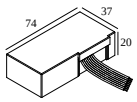
Min current | Max current



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

Dimtype: 1-10V

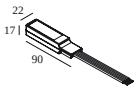
Cutout dimension (mm): 30



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

Dimtype: DALI

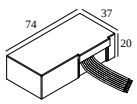
Cutout dimension (mm): 45



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

Dimtype: non-dimmable

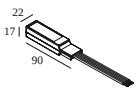
Cutout dimension (mm): 30



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

Dimtype: WDL = wireless dimmable

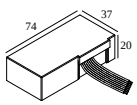
Cutout dimension (mm): 45



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

Dimtype: 1-10V

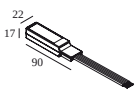
Cutout dimension (mm): 30



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

Dimtype: DALI

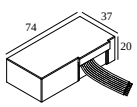
Cutout dimension (mm): 45



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

Dimtype: non-dimmable

Cutout dimension (mm): 30



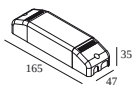
300 48 500 WDL LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W WDL — 1

Dimtype: WDL = wireless dimmable

Cutout dimension (mm): 45

DEEP RINGO TRIMLESS LED IP 93033

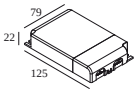
202 146 811 932 PB



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

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

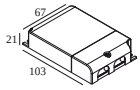
Cutout dimension (mm): 56



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

Dimtype: 1-10V or DALI or push button

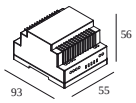
Cutout dimension (mm): 82



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

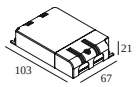
Dimtype: 1-10V or push button

Cutout dimension (mm): 72



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

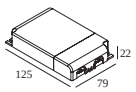
Dimtype: 1-10V or DALI or push button



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

Dimtype: DALI

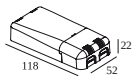
Cutout dimension (mm): 72



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

Dimtype: 1-10V or DALI or push button

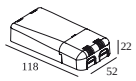
Cutout dimension (mm): 84



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

Dimtype: 1-10V or push button

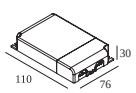
Cutout dimension (mm): 55



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

Dimtype: DALI

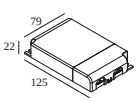
Cutout dimension (mm): 55



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

Dimtype: non-dimmable

Cutout dimension (mm): 90



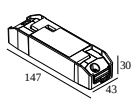
21012 004W LED POWER SUPPLY MULTI-POWER WDL — 3(3) | 3(3)

Dimtype: WDL = wireless dimmable

Cutout dimension (mm): 84

DEEP RINGO TRIMLESS LED IP 93033

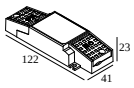
202 146 811 932 PB



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

Dimtype: WDL = wireless dimmable

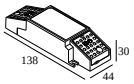
Cutout dimension (mm): 54



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

Dimtype: mains (phase cut-off)

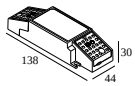
Cutout dimension (mm): 50



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

Dimtype: mains (phase cut-off)

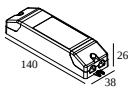
Cutout dimension (mm): 55



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

Dimtype: mains (phase cut-off)

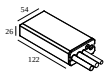
Cutout dimension (mm): 55



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

Dimtype: mains (phase cut-off)

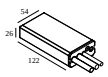
Cutout dimension (mm): 48



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

Dimtype: non-dimmable

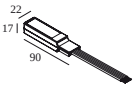
Cutout dimension (mm): 60



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

Dimtype: non-dimmable

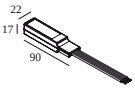
Cutout dimension (mm): 60



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

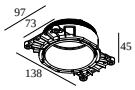
Dimtype: DALI

Cutout dimension (mm): 30

DEEP RINGO TRIMLESS LED IP 93033

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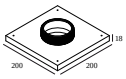
Mounting kits



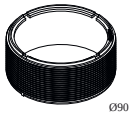
15212 2000 MOUNTING KIT R82 TRIMLESS O.F.A.

Cutout dimension (mm): 105

Mounting kits stretched ceiling

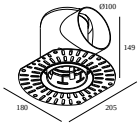


15212 0070 MOUNTING KIT R82 TRIMLESS CSC



15212 0150 MOUNTING KIT R82 TRIMLESS WSC

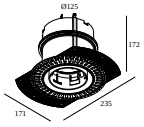
Mounting kits side air + light



29810 0010 MOUNTING KIT SIDE AIR 101

Cutout dimension (mm): 168

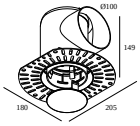
Mounting kits top air + light



29810 0210 MOUNTING KIT TOP AIR 101

Cutout dimension (mm): 135

Mounting kits side air only



29810 0100 MOUNTING KIT SIDE AIR ONLY 1

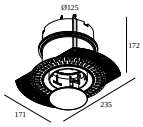
Cutout dimension (mm): 168

DELTALIGHT

DEEP RINGO TRIMLESS LED IP 93033

202 146 811 932 PB

Mounting kits top air only



29810 0200 MOUNTING KIT TOP AIR ONLY 1

Cutout dimension (mm): 135

Mounting kits no air



29810 0050 MOUNTING KIT NO AIR 101

Cutout dimension (mm): 168

Notes: