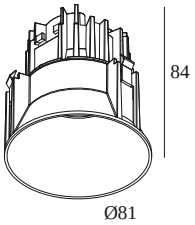
DELTALIGHT

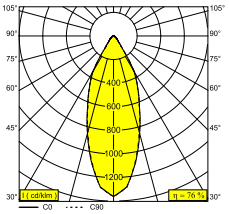


# DEEP RINGO TRIMLESS LED IP 93033

**RÉFÉRENCE** 202 146 811 932 BRAT

DISPONIBLE EN
**NOIR** 202 146 811 932 B
**ALU BROSSÉ** 202 146 811 932 BRA
**ANTHRACITE BROSSÉ** 202 146 811 932 BRAT
**BRONZE BRUN BROSSÉ** 202 146 811 932 BRBB
**CUIVRE BROSSÉ** 202 146 811 932 BRCU
**OR BROSSÉ** 202 146 811 932 BRG
**BRONZE VIEUX BROSSÉ** 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
**COULEUR OR** 202 146 811 932 GC
**NOIR PIANO** 202 146 811 932 PB
**BLANC** 202 146 811 932 W




Voir sur le site Web

| Informations générales | |
|---|---|
| **EMPLACEMENT** | interieur |
| **INSTALLATION** | Plafond Encastré |
| **FORME / TAILLE DE DÉCOUPE (MM)** | circulaire - Ø KIT |
| **PROFONDEUR D'ENCASTREMENT (MM)** | 95 |
| **INDICE DE PROTECTION** | IP44/20 |
| **POIDS (KG)** | 0.3 |
| **ORIENTATION** | non réglable |
| **INFORMATIONS** | REFLECTOR FL-33°<br>EXCL.LED POWER SUPPLY 350-500mA-DC |

| Informations électriques | |
|---|---|
| **CLASSE** | III |
| **TYPE DIM** | selon le type d'alimentation externe |
| **CLASSE D'ÉNERGIE** | D |
| **CERTIFICATS** | CB, ENEC, EPD |

| Info Source lumineuse | |
|---|---|
| **LIGHTSOURCE NAME** | LED |
| **SOURCE DE LUMIÈRE** | LED array 5,8-8,6W / CRI>90 (R9: 52) / 3000K / 787-1089lm |
| **VALEURS TM-30** | Rf: 90 / Rg: 99 |
| **SDCM** | SDCM1 |
| **GROUPE DE RISQUE** | RG1 |
| **LM80** | L90B10 > 50000 |
| **BEAMANGLE** | 33° |
| **TECHNIQUES LED (SOURCE LUMINEUSE)** | 1089lm // 8,6W // 127lm/W |
| **TECHNIQUES LED (LUMINAIRE)** | 828lm // 10W // 84lm/W |

**Références obligatoires**

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 BRAT

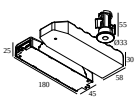
Pour des instructions d'installation détaillées, veuillez consulter le manuel : **202_146_811_XXX_HAND.pdf**

## COMPATIBILITÉ DU PLAFOND

| 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 |

## TERMINEZ VOTRE SPÉCIFICATION

### les batteries de secours



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

**Dimension de découpe (mm): 27**

# DEEP RINGO TRIMLESS LED IP 93033

202 146 811 932 BRAT

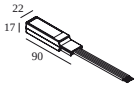
**21032 0270 W** EMERGENCY UNIT 7W / 1h + LED INDICATOR HOLDER W

## les alimentations led

## # de luminaires

# de luminaires indique combien d'appareils peuvent être raccordés (min -> max) à l'alimentation. Les valeurs avant et après le '|' correspondent respectivement au courant de pilotage minimal et maximal. Les valeurs entre parenthèses s'appliquent au 110V.

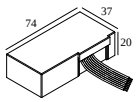
**Courant min. | Courant max.**




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

**Type de gradation: 1 à 10 V**

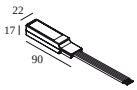
**Dimension de découpe (mm): 30**




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

**Type de gradation: DALI**

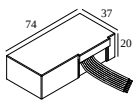
**Dimension de découpe (mm): 45**




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

**Type de gradation: non dimmable**

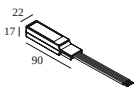
**Dimension de découpe (mm): 30**




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

**Type de gradation: WDL = dimmable sans fil**

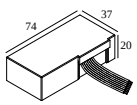
**Dimension de découpe (mm): 45**




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

**Type de gradation: 1 à 10 V**

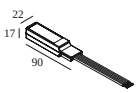
**Dimension de découpe (mm): 30**




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

**Type de gradation: DALI**

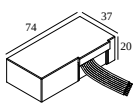
**Dimension de découpe (mm): 45**




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

**Type de gradation: non dimmable**

**Dimension de découpe (mm): 30**



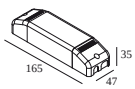

**300 48 500 WDL** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W WDL — 1

**Type de gradation: WDL = dimmable sans fil**

**Dimension de découpe (mm): 45**

# DEEP RINGO TRIMLESS LED IP 93033

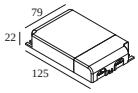
202 146 811 932 BRAT




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

**Type de gradation: fin de phase ou bouton poussoir**

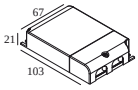
**Dimension de découpe (mm): 56**




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

**Type de gradation: 1 à 10 V ou DALI ou boutton poussoir**

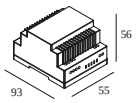
**Dimension de découpe (mm): 82**




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

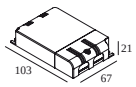
**Type de gradation: 1 à 10 V ou bouton poussoir**

**Dimension de découpe (mm): 72**




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

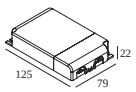
**Type de gradation: 1 à 10 V ou DALI ou boutton poussoir**




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

**Type de gradation: DALI**

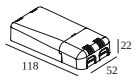
**Dimension de découpe (mm): 72**




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

**Type de gradation: 1 à 10 V ou DALI ou boutton poussoir**

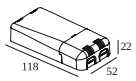
**Dimension de découpe (mm): 84**




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

**Type de gradation: 1 à 10 V ou bouton poussoir**

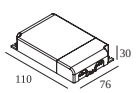
**Dimension de découpe (mm): 55**




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

**Type de gradation: DALI**

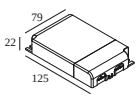
**Dimension de découpe (mm): 55**




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

**Type de gradation: non dimmable**

**Dimension de découpe (mm): 90**



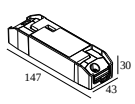

**21012 004W** LED POWER SUPPLY MULTI-POWER WDL — 3(3) | 3(3)

**Type de gradation: WDL = dimmable sans fil**

**Dimension de découpe (mm): 84**

# DEEP RINGO TRIMLESS LED IP 93033

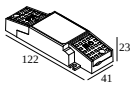
202 146 811 932 BRAT




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

**Type de gradation: WDL = dimmable sans fil**

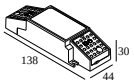
**Dimension de découpe (mm): 54**




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

**Type de gradation: fin de phase**

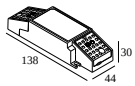
**Dimension de découpe (mm): 50**




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

**Type de gradation: fin de phase**

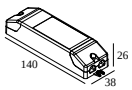
**Dimension de découpe (mm): 55**




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

**Type de gradation: fin de phase**

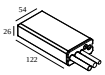
**Dimension de découpe (mm): 55**




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

**Type de gradation: fin de phase**

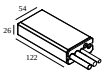
**Dimension de découpe (mm): 48**




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

**Type de gradation: non dimmable**

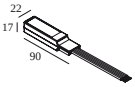
**Dimension de découpe (mm): 60**




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

**Type de gradation: non dimmable**

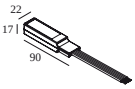
**Dimension de découpe (mm): 60**




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

**Type de gradation: DALI**

**Dimension de découpe (mm): 30**




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

**Type de gradation: DALI**

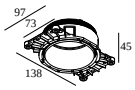
**Dimension de découpe (mm): 30**

DELTALIGHT

# DEEP RINGO TRIMLESS LED IP 93033

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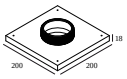
## kit de montage



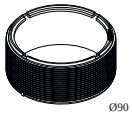

**15212 2000** MOUNTING KIT R82 TRIMLESS O.F.A.

**Dimension de découpe (mm): 105**

## kit de montage plafond tendu

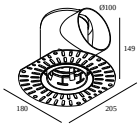



**15212 0070** MOUNTING KIT R82 TRIMLESS CSC



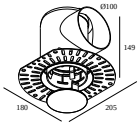

**15212 0150** MOUNTING KIT R82 TRIMLESS WSC

## kit de montage - side air + light




**29810 0010** MOUNTING KIT SIDE AIR 101

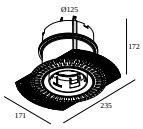
**Dimension de découpe (mm): 168**




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

**Dimension de découpe (mm): 168**

## kit de montage - top air + light




**29810 0210** MOUNTING KIT TOP AIR 101

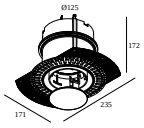
**Dimension de découpe (mm): 135**

DELTALIGHT

# DEEP RINGO TRIMLESS LED IP 93033

202 146 811 932 BRAT

## kit de montage - top air only




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

**Dimension de découpe (mm): 135**

## kit de montage - no air




**29810 0050** MOUNTING KIT NO AIR 101

**Dimension de découpe (mm): 168**

Notes: