

# N D F

SPECIAL LIGHT PRODUCTS



image; courtesy of ArchilumO

CUSTOM MADE LED  
DRIVER

## NDF custom made LED driver; Highest flexibility

NDF offers custom made LED drivers in various lay-outs, giving you ultimate design freedom:

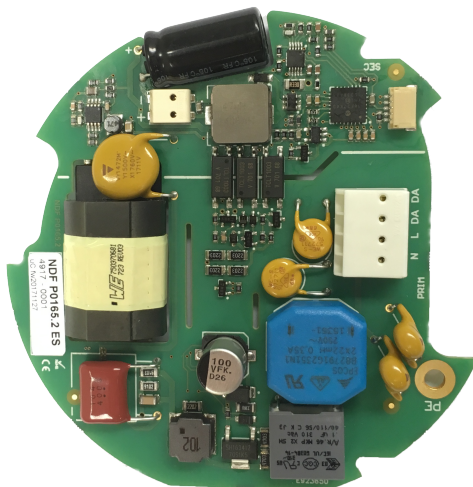
- \* LED drivers with DALI2 offer significantly improved interoperability and additional functionality compared to current DALI systems in the market.
- \* LED rechargeable battery driver; offering hours of (cordless) light.

### Design freedom; customize your (DALI2) LED driver

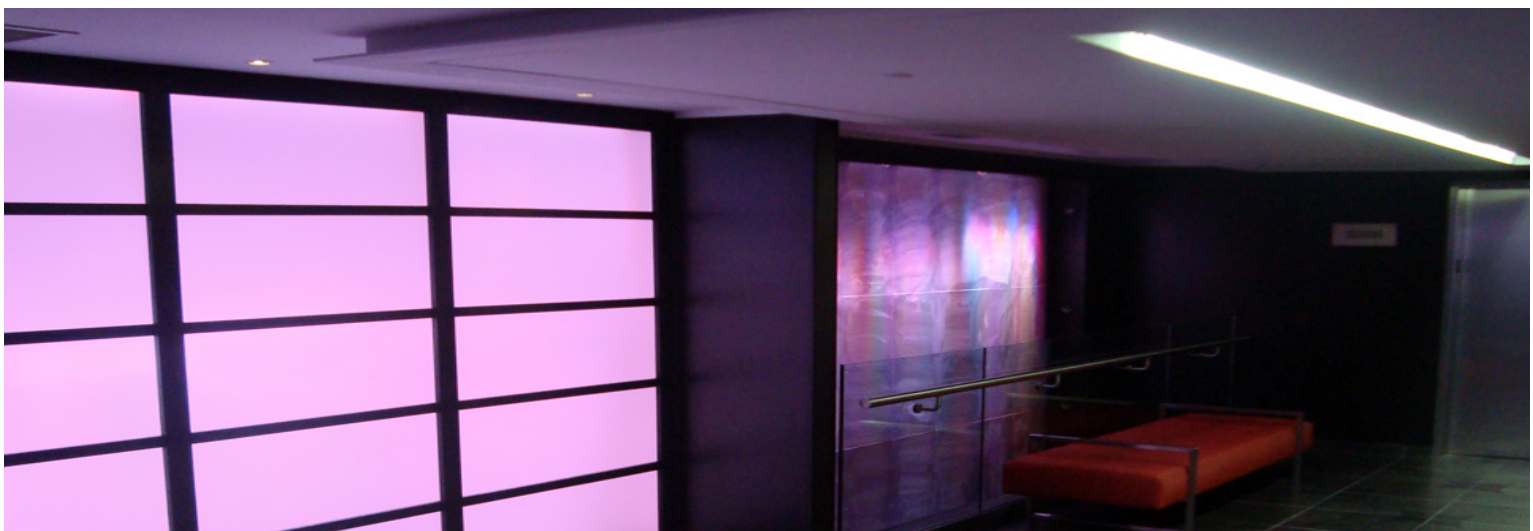
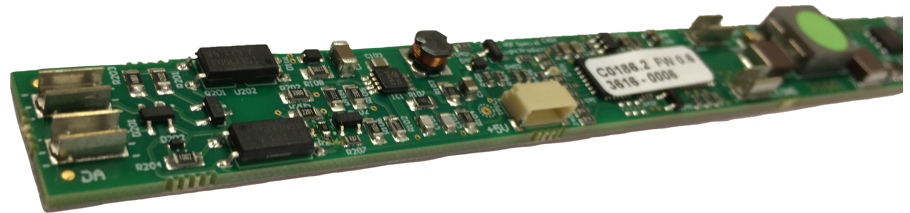
- Driver shape
- Variable connectors
- Input voltage
- Constant current
- Constant voltage
- Output channels
- Output power

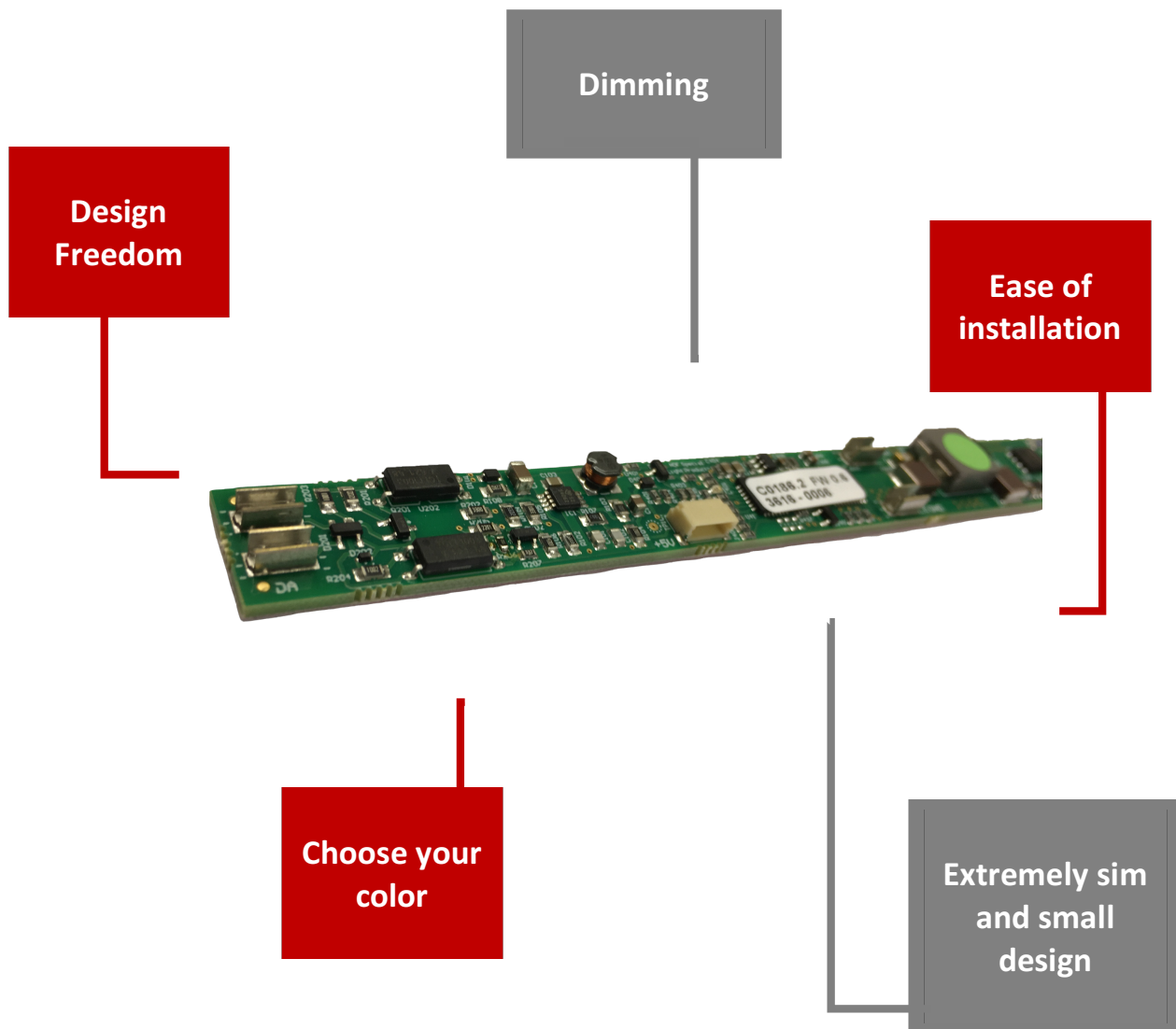
### 2 types available

Circular



Linear





#### Design freedom

Customize your driver

#### Conform 101.ed2, 102.ed2 and 207 (DT6)

Avoid conflicts in the market with control devices of different vendors (lower installation costs)

#### Ease of installation

Backwards compatible with DALI1 established control devices; new driver works with old DALI1 control devices → easy installation – low costs. No need for specific control device.

#### Dimensions; extremely slim and small design

Allows for countless design options for designers

#### Choose your color

$2^{48}$  color points possible

#### 209 (DT8) color control

All 4 color types enabled

RGBWAF

x,y

Tc

PrimaryN

Maximum color control flexibility for established and future control devices

#### 16-bit dimmer

Improved smooth, stepless dimming (65.536 steps per channel)

Better color consistency at low dimming value

Huge amount of different colors (248 color points possible)

#### Switch dimmable

Dimmable by means of a mains pulse switch

#### Hybrid dimming

Analog and 1 kHz PWM dimming

## Technical specifications of linear and circular LED drivers

	Linear	Circular
Input	48 Volt DC	230 Volt AC
Power	480 Watt	15 Watt
Output voltage	48 Volt DC	22 Volt
Selectable output current	3-channel RGB / TW options	350 / 700 mA
Dimensions	200 x 15 x 5,5 mm	87 x 86 x 15 mm
Hybrid dimming	Smooth, step-less dimming PWM; 0-100% 65.536 steps per channel	Analog and 1kHz PWM Analog 100-6% PWM 6-0.4%
IEC62386 ed2	Conform 101.ed2 Conform 102.ed2 Conform 207 (DT6) Conform 209 (DT8)	Conform 101.ed2 Conform 102.ed2 Conform 207 (DT6)

## Available types

Article number	Name	Specifics	Dimming range
C0422.1 (circular)	230 Vac, 700mA, 15W	Single color	Analog 100-6%, PWM 6-0.4%
C0175.2 (linear)	Controller RGB – 3 channel	RGB-multi colors	PWM; 0-100%
C0186.2 (linear)	Controller TW – 2 channel	Tunable White	PWM; 0-100%
C0188.2 (linear)	Controller white – 1 channel	Single color	PWM; 0-100%

## Technical info Battery LED charger (3 Watt / 8 hours)

	LED battery system / C0860.1
Color temperature	2700 Kelvin
Power	3 Watt
Battery	Li-Ion battery pack
LED	High power LED
Dimmable	yes



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