



/ 410

PROF REEL

411 /

# PROF REEL

Design ESSE-CI

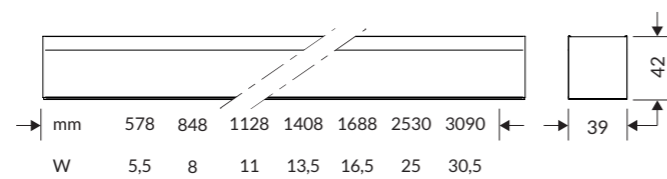


**η** >100 lm/W

**CRI** >80; >90+

**IP** 20; 40

**UGR** <22





# P R O F R E E L

PROFREEL is a fixtures series for ceiling, suspension or frameless recessed mounting that leaves space for customization directly on site. The device consists of an aluminum body supplied in bars up to 3 meters, electronic components (driver and LED strip), that can be selected according to the site needs. The PG methacrylate diffuser is supplied in a 10m coil to be measured and cut on site to realize bright lines perfectly homogeneous and without interruption. PROFREEL allows the application of striped even at the top to get direct and indirect lightings.

The possibility of integrating the driver inside of the lamp body is the main advantage: in this way the installation is simplified and the aesthetics improved.

## SPECIFICATIONS

- Drivers and modules in voltage 24V
- Strip LED: CRI>80 / 90+
- Colour temperature: 2700K/3000K/4000K
- Possibility to cut strip and profile each 5cm
- McAdams 3
- Life Time: L80/B50 50.000h
- 5 years complete warranty
- Eye safety: risk-free (RG 1) in accordance with EN62471:2009

## OPTICS

Satin methacrylate totally homogeneous extruded diffuser, UGR <22.

## BODY

Extruded aluminum body.

## LEGAL REFERENCES

In compliance with the safety standards EN 60 598-1 and UNI EN 12464-1 (lighting for working places).

## CERTIFICATIONS

**CE** IP20 IP40  
ErP Class: A\*

## COLOURS

White RAL 9003 - Code: B  
Black RAL 9005 - Code: C8

## ON REQUEST

- Strip LED 5000K
- Wiring with DALI dimmable driver - Code: RDD (verify the version available)

## VERSIONS

PROFREEL  
PROFREEL FLEX STRIP  
PROFREEL FLEX STRIP PREMIUM  
PROFREEL CONVERTER

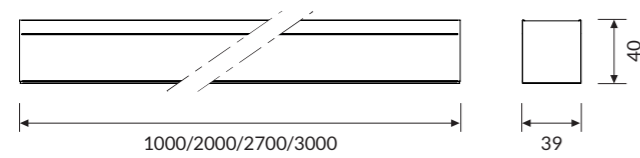
PROFREEL FAST CONNECTORS  
PROFREEL IS  
ACCESSORIES



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# PROFREEL

Aluminum profile for ceiling, suspension or recessed installation.



COD	mm
83AA1000	1000
83AA2000	2000
83AA2700	2700
83AA3000	3000



# PROFREEL FLEX STRIP

Adhesive LED strips can be sectioned every 50 mm.  
CRI>80 24V.

## COLOUR TEMPERATURE //

4 0 0 0 K / 3 0 0 0 K

COD	💡	lm/mt	mm
83SL10L4	10W/mt 4000K	1045	5000
83SL15L4	15W/mt 4000K	1425	5000
83SL20L4	20W/mt 4000K	1796	5000
83SL10L3	10W/mt 3000K	903	5000
83SL15L3	15W/mt 3000K	1283	5000
83SL20L3	20W/mt 3000K	1775	5000

# PROFREEL FLEX STRIP PREMIUM

Adhesive LED strips can be sectioned every 50 mm.  
CRI>90 24V.

## COLOUR TEMPERATURE //

4 0 0 0 K / 3 0 0 0 K

COD	💡	lm/mt	mm
83SL10L490	10W/mt 4000K	940	5000
83SL15L490	15W/mt 4000K	1283	5000
83SL20L490	20W/mt 4000K	1616	5000
83SL10L390	10W/mt 3000K	813	5000
83SL15L390	15W/mt 3000K	1155	5000
83SL20L390	20W/mt 3000K	1598	5000

# PROFREEL

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IP 20 A+

2 7 0 0 K

COD	💡	lm/mt	mm
83SL10L27	10W/mt 2700K	845	5000
83SL15L27	15W/mt 2700K	1197	5000
83SL20L27	20W/mt 2700K	1753	5000



IP 20 A+

2 7 0 0 K

COD	💡	lm/mt	mm
83SL10L2790	10W/mt 2700K	760	5000
83SL15L2790	15W/mt 2700K	1077	5000
83SL20L2790	20W/mt 2700K	1578	5000



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## PROFREEL CONVERTER




The driver should be selected according to the power of led strips you intend to use, and its length.



Converter ON/OFF 24V to be housed inside the extrusion.

COD	
83LC2024	24V 20W
83LC6024	24V 60W


Converter ON/OFF 24V for remote installation.

COD	
83LC10024IS	24V 100W
83LC18024IS	24V 180W

Converter DALI 24V to be housed inside the extrusion.

COD	
83LC10024D	24V 100W

Converter DALI 24V for remote installation.

COD	
83LC15024ISD	24V 150W

## PROFREEL FAST CONNECTORS



Fast connectors of start and continuous line.

COD	
83CRIL500	Connector start line with cables 500mm
83CRCL	Connector center line



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## PROFREEL

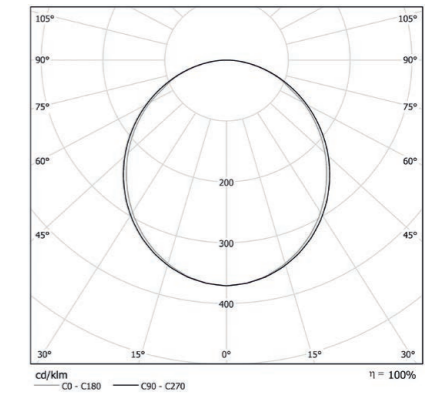
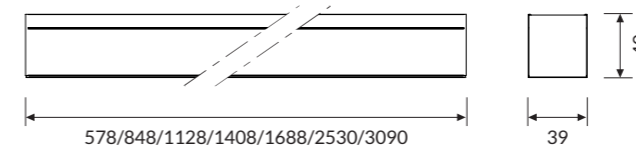
## PROFREEL IS



### OPTIC


Satin methacrylate totally homogeneous extruded diffuser, UGR <22.

Luminaire complete with strip 10 W/mt, end caps and converter. Mounting accessories to be ordered separately.




### COLOUR TEMPERATURE //

4000 K / 3000 K

COD		lm/mt	mm
83PG6L4	5.5W 4000K	575	578
83PG8L4	8W 4000K	836	848
83PG11L4	11W 4000K	1150	1128
83PG14L4	13.5W 4000K	1411	1408
83PG17L4	16.5W 4000K	1724	1688
83PG25L4	25W 4000K	2613	2530
83PG31L4	30.5W 4000K	3187	3090
83PG6L3	5.5W 3000K	497	578
83PG8L3	8W 3000K	722	848
83PG11L3	11W 3000K	993	1128
83PG14L3	13.5W 3000K	1219	1408
83PG17L3	16.5W 3000K	1490	1688
83PG25L3	25W 3000K	2258	2530
83PG31L3	30.5W 3000K	2754	3090

2700 K

COD		lm/mt	mm
83PG6L27	5.5W 2700K	465	578
83PG8L27	8W 2700K	676	848
83PG11L27	11W 2700K	930	1128
83PG14L27	13.5W 2700K	1141	1408
83PG17L27	16.5W 2700K	1394	1688
83PG25L27	25W 2700K	2113	2530
83PG31L27	30.5W 2700K	2577	3090

**ACCESSORIES**



**83PG1000**  
**83PG2000**  
**83PG3000**

PG diffuser from 1000mm / 2000mm / 3000mm.



**83IN1000**

Indirect PMMA semiopal cover L. 1200mm.



**83SC10000**

PG methacrylate diffuser, 10m coil to be measured and cut on site to provide continuous gap-free light diffusion.



**83AA13**

Single wire 1500mm long adjustable suspension kit.



**83AA1330**

Single wire 3000mm long adjustable suspension kit.



**83AA14**

Ceiling mounting kit.



**83AA16**

3 poles-powered supply box. Cable length 2000mm.



**83AA165P**

5 poles-powered supply box. Cable length 2000mm.



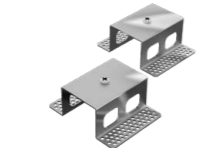
**83AA09**

End caps kit.



**83AA11**

Linear joint.



**83AA17**

Brackets kit for recessed installation.

**83AA18563**  
**83AA18843**  
**83AA181123**  
**83AA181404**  
**83AA181684**  
**83AA182524**

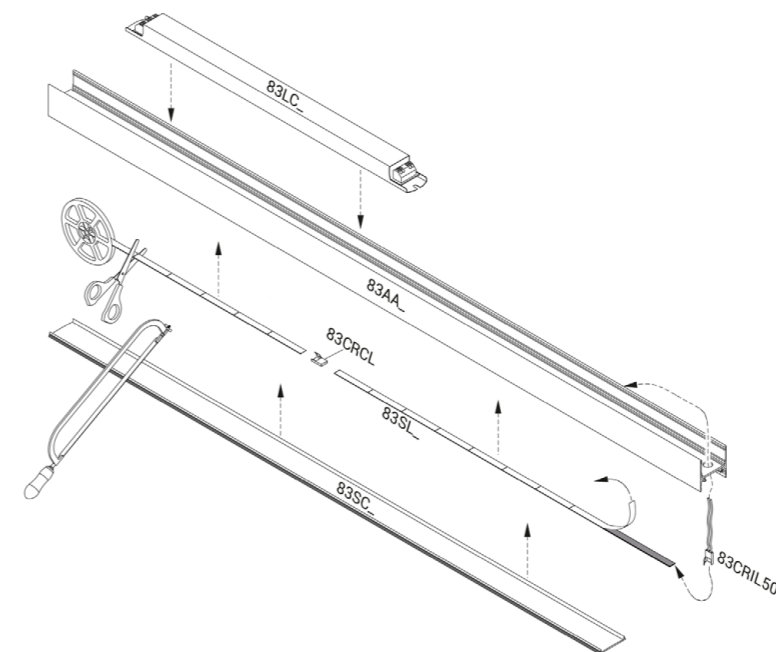
Kit for concrete.



**TECHNICAL NOTE**

**INTRODUCTION**

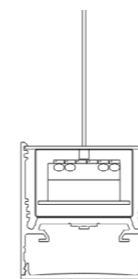
Profreel leaves complete freedom to customize both the lengths and the luminous shapes that you want to create. Horizontal and vertical angles are obtained easily by cutting the profile and the diffuser directly on site.



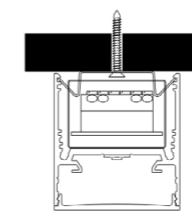
**A FEW EASY STEPS**

- Define and select the length of the system
- Choose the power/flux and type of LED Strip
- Match the correct driver and the linkage connectors
- Choose the diffuser and installation accessories

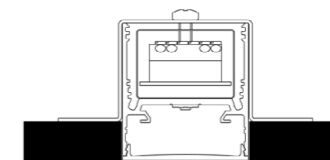
**INSTALLATION EXAMPLES**



Suspension



Ceiling



Recessed