



REF.

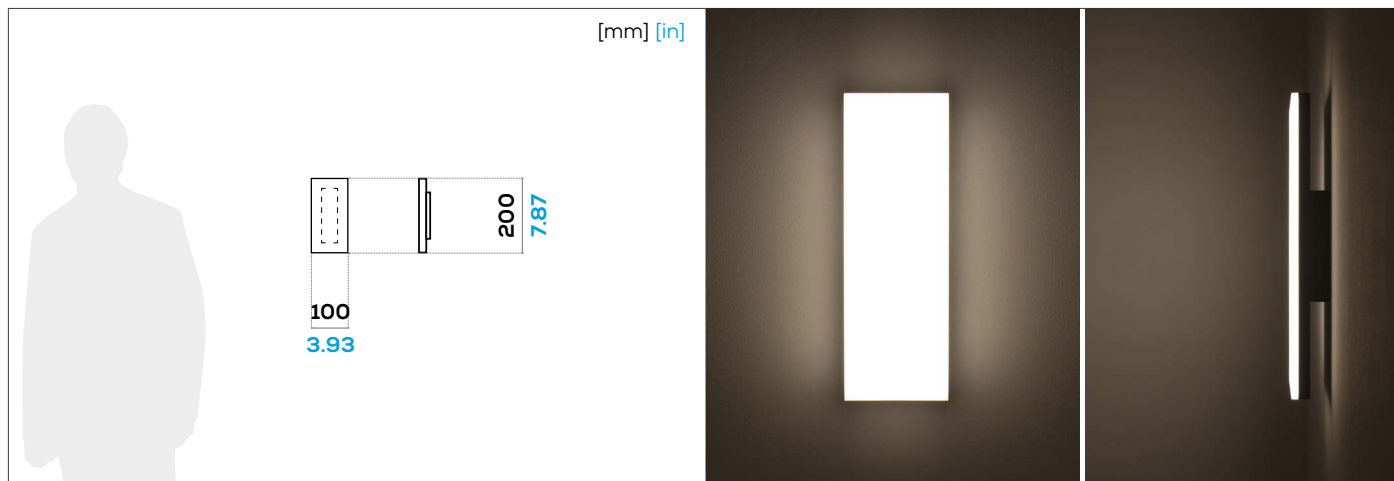
Per ogni voce selezionare l'opzione scelta  
For each item select the chosen option

1

# .MINUS

FOLIO®

|      | product type | sizes    | LED position | CCT | al finish | op finish | fixing |  | warranty | dim. | LED type | IP Rating | Indirect Light |  |  |  |
|------|--------------|----------|--------------|-----|-----------|-----------|--------|--|----------|------|----------|-----------|----------------|--|--|--|
| Q.ty |              | 10<br>20 |              |     |           |           |        |  |          |      |          |           |                |  |  |  |



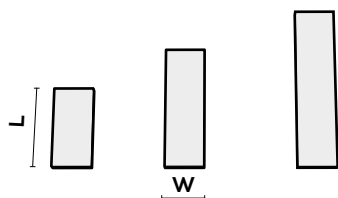
100 x 200 mm 3.93 x 7.87 in

Altre dimensioni disponibili.  
Custom size available.

## CERTIFICATIONS



## APPLICATIONS

A soffitto  
CeilingA parete  
Wall

## TECHNICAL DESCRIPTION

MINUS fa parte della serie di prodotti MINI, ideale per creare varie composizioni. Omogeneità luminosa garantita dal diffusore opale con spessore 10 mm e dalla lastra interna in metacrilato incisa a laser con tecnologia edge lighting. Protezione esterna con scocca in alluminio per favorire la rigidità e la dissipazione del calore. LED Nichia ad alta efficienza energetica, dimmerabili 0-10 V, DALI, DMX o Casambi. Disponibile nelle versioni con alimentatore remoto o con alimentatore integrato.

MINUS is part of the MINI product series, ideal for creating various compositions. Homogeneous luminosity is guaranteed by the opal diffuser with a thickness of 10 mm. The internal methacrylate plate is laser engraved with lighting edge technology. The external protection made of an aluminum shell favours rigidity and heat dissipation. The Nichia LEDs with high energy efficiency, are dimmable 0-10 V, DALI, DMX or Casambi. Available either with remote or integrated power supply.





REF.



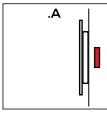
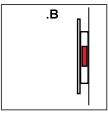
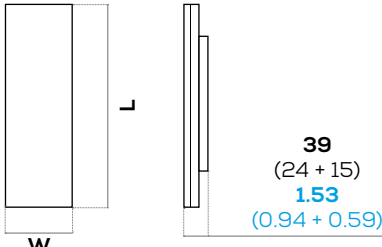
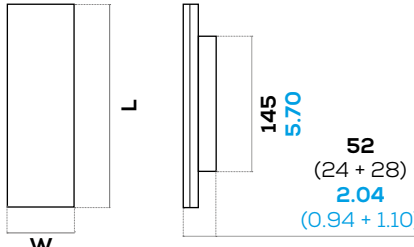
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2

.MINUS

FOLIO®

|      | product type | sizes    | LED position | CCT | al finish | op finish | fixing |  | warranty | dimm. | LED type | IP Rating | Indirect Light |  |  |  |
|------|--------------|----------|--------------|-----|-----------|-----------|--------|--|----------|-------|----------|-----------|----------------|--|--|--|
| Q.ty |              | 10<br>20 |              |     |           |           |        |  |          |       |          |           |                |  |  |  |

|                                                                                   |                                                                                         |                                                                                   |                                                                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
|  | <b>OPTION .A</b><br>versione <b>alimentazione remota</b><br>remote power supply version |  | <b>OPTION .B</b><br>versione <b>alimentazione integrata</b><br>integrated power supply version |
|                                                                                   |        |                                                                                   |             |

QUANTITÀ  
QUANTITIES



100 x 200 mm 3.93 x 7.87 in



## PHYSICAL SPECS.

Tipologia di prodotto:  
Product type:



**MI.A** Versione con **alimentazione remota**  
(alimentatore non incluso)  
**Remote power supply** version  
(power supply not included)



**MI.B** Versione con **alimentazione integrata**  
(alimentatore non incluso)  
**Integrated power supply** version  
(power supply not included)

Spessore:  
Thickness:

**MI.A** 39 mm  
1.53 in

Spessore:  
Thickness:

**MI.B** 52 mm  
2.04 in

Peso:  
Weight:

1 kg  
2.2 lb

Materiali:  
Materials:

Alluminio - Metacrilato  
Aluminum - Methacrylate

Dimensioni:  
Sizes:

**W** 100 mm  
3.93 in  
**L** 200 mm  
7.87 in

## GENERAL SPECS.

Installazione:  
Fixing:



**W** A parete  
Wall



**C** A soffitto  
Ceiling

Ambiente di utilizzo:  
Environment of use:



Interno  
Indoor

Durata LED:

LED lifespan:

Blue light risk group:

Blue light risk group:



L90 > 60.000 ore a 50° Celsius  
L90 > 60.000 hours at 50° Celsius  
EXEMPT UNLIMITED (200 mm)  
EXEMPT UNLIMITED (7.87 in)

Garanzia:  
Warranty:



**2Y** 2 anni  
2 years



**5Y** Su richiesta estensione fino a 5 anni  
On request extension up to 5 years

## FINISHES

Finiture alluminio:  
Aluminum finishes:



**W** bianco  
white



**B** nero  
black



**S** speciale (verniciatura o ossidazione)  
special (liquid painting or oxidation)

Finiture opale:  
Opal finishes:



**M** opaco  
matte



**G** lucido  
gloss



**OM** opale fresato  
opal milling



**OS** opale inciso laser  
opal sculpture



**OP** opale + stampa  
opal + print



**OA** opale + stampa lucida (Folio Art)  
opal + glossy print (Folio Art)



REF.

Per ogni voce selezionare l'opzione scelta  
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**.MINUS**

FOLIO

|      | product type | sizes    | LED position | CCT | al finish | op finish | fixing |  | warranty | dim. | LED type | IP Rating | Indirect Light |  |  |  |
|------|--------------|----------|--------------|-----|-----------|-----------|--------|--|----------|------|----------|-----------|----------------|--|--|--|
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**ELECTRICAL SPECS.**

Voltaggio:

Voltage:

Driver - alimentatore:

Driver - power supply:

Dimmerabilità:

Dimmability:

- ☐ **010** 0-10 V
- ☐ **DA** DALI
- ☐ **DM** DMX
- ☐ **CA** Casambi

24V DC

AC/DC 24V

Grado di protezione:

IP rating:

- ☐ **40** Standard:  
**IP40**
- ☐ **65** IP65 (su richiesta)  
IP65 (on request)
- ☐ **DL** Damp Location (su richiesta)  
Damp Location (on request)

**LED**

Tipologia LED:

LED type:

- ☐ **N** **NICHIA 757 R9050**
- ☐ **O** Nichia Optisolis™ (su richiesta)  
Nichia Optisolis™ (on request)
- ☐ **V** Nichia Vitasolis™ (su richiesta)  
Nichia Vitasolis™ (on request)

Posizione LED:

LED position:

- ☐ **L1** Un lato LED  
Two LED sides
- ☐ **L2** Due lati LED  
Two LED sides

Consumo:

Consumption:

- L1** 4,5 W
- L2** 9 W

Temperatura colore LED:

LED color temp. (CCT):

- ☐ **27** 2700 K
- ☐ **30** 3000 K
- ☐ **35** 3500 K
- ☐ **40** 4000 K
- ☐ **57** 5700 K
- ☐ **TW** Tunable White (2700 K - 5700 K)

- ☐ **RQ** Su richiesta 2000K, 2200K, 2500K,  
5000K, 6500K, RGB, RGBW and  
RGBTW  
On request 2000K, 2200K, 2500K,  
5000K, 6500K, RGB, RGBW and  
RGBTW

**UGR**

Indici di riflessione:

Reflectance indexes:

UGR trasversale:

UGR crosswise:

UGR longitudinale:

UGR endwise:

X = 4H, Y = 8H, S = 0,25H  
70/ 50/ 20

&lt; 19

&lt; 19

**POLAR DIAGRAM**

Flusso luminoso output:

Luminous flux output:

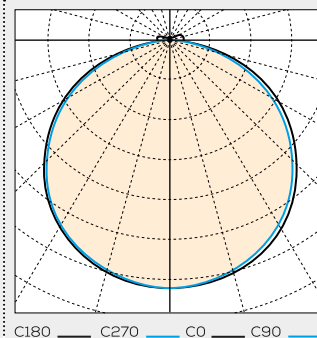
- L1** 157 lm
- L2** 300 lm

[cd/klm]

Indice di resa cromatica:

Color rendering index:

- N** Standard:  
CRI = Ra min. 90 - R9 min. 50
- O** Su richiesta Ra = 100  
(Nichia Optisolis™)  
On request Ra = 100  
(Nichia Optisolis™)





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4

**.MINUS****FOLIO**

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|------|--------------|----------|--------------|-----|-----------|-----------|--------|--|----------|------|----------|-----------|----------------|--|--|--|
| Q.ty |              | 10<br>20 |              |     |           |           |        |  |          |      |          |           |                |  |  |  |

**LIGHTING ACCESSORIES**

Folio Indirect Light:

**FOLIO BASE**

- ☐ **27**  2700 K
- ☐ **30**  3000K
- ☐ **35**  3500K
- ☐ **40**  4000K
- ☐ **57**  5700K
- ☐ **RQ** *Su richiesta 2000K, 2200K, 2500K, 6500K, RGB and RGBW*  
*On request 2000K, 2200K, 2500K, 6500K, RGB and RGBW*

**FOLIO LINEAR**

- ☐ **TINY** TINY
- ☐ **TY45** TINY 45
- ☐ **STK** STOCKY
- ☐ **30**  3000K
- ☐ **40**  4000K
- ☐ **57**  5700K
- ☐ **TW**  Tunable White (2700 K - 5700 K)
- ☐ **R**  RGB
- ☐ **RQ** *Su richiesta 2000K, 2200K, 2500K, 2700K, 3500K and 6500K*  
*On request 2000K, 2200K, 2500K, 2700K, 3500K and 6500K*

**KEY TO SYMBOLS**

Folio Indirect Light:

