



REF.

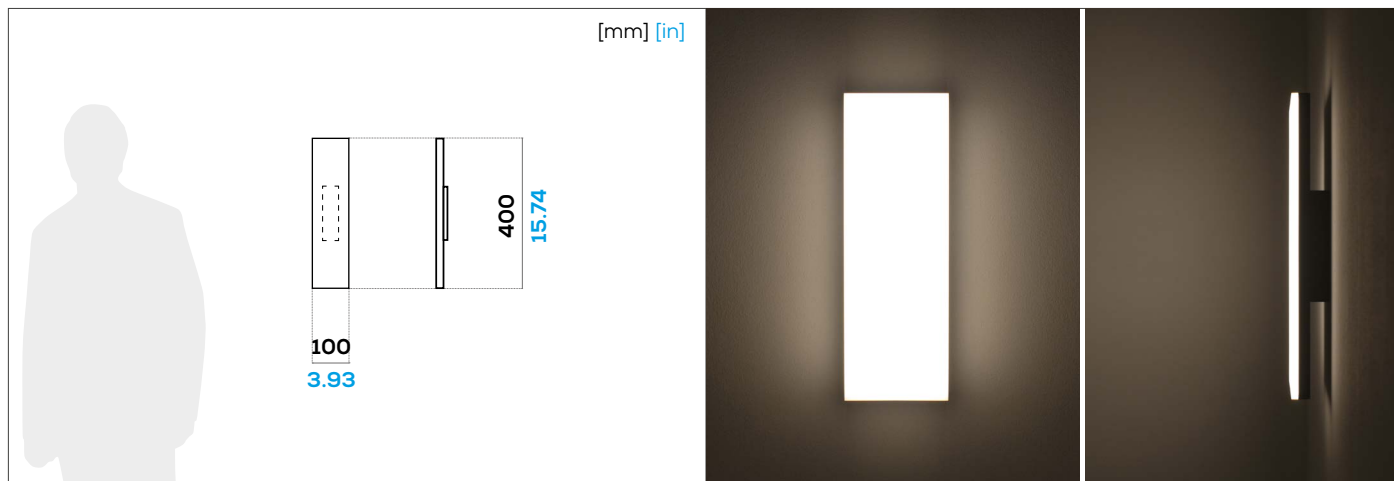
Per ogni voce selezionare l'opzione scelta
For each item select the chosen option

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 40														



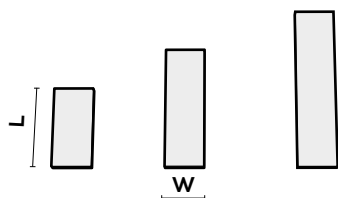
100 x 400 mm 3.93 x 15.74 in

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.



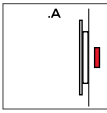
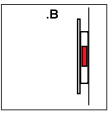
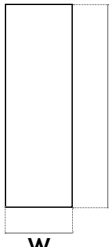
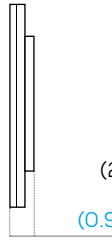
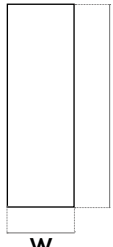
Per ogni voce selezionare l'opzione scelta
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2

.MINUS

FOLIO®

	product type	sizes	LED position	CCT	al finish	op finish	fixing		warranty	dim.	LED type	IP Rating	Indirect Light			
Q.ty		10 40														

	OPTION .A versione alimentazione remota remote power supply version		OPTION .B versione alimentazione integrata integrated power supply version
			
	39 (24 + 15) 1.53 (0.94 + 0.59)		52 (24 + 28) 2.04 (0.94 + 1.10)

QUANTITÀ
QUANTITIES



100 x 400 mm 3.93 x 15.74 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:

2 kg
4.4 lb

Materiali:
Materials:

Alluminio - Metacrilato
Aluminum - Methacrylate

Dimensioni:
Sizes:

W 100 mm
3.93 in
L 400 mm
15.74 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:



L90 > 60.000 ore a 50° Celsius
L90 > 60.000 hours at 50° Celsius

Blue light risk group:
Blue light risk group:



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.

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3

.MINUS

	product type	sizes	LED position	CCT	al finish	op finish	fixing		warranty	dim.	LED type	IP Rating	Indirect Light			
Q.ty		10 40														

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)

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

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** 9 W
- L2** 18 W

UGR

Indici di riflessione:

Reflectance indexes:

UGR trasversale:

UGR crosswise:

UGR longitudinale:

UGR endwise:

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

19,5

19,1

POLAR DIAGRAM

Flusso luminoso output:

Luminous flux output:

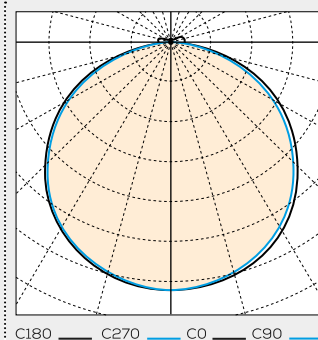
- L1** 360 lm
- L2** 700 lm

[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™)





REF.



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

4

.MINUS**FOLIO**

	product type	sizes	LED position	CCT	al finish	op finish	fixing		warranty	dim.	LED type	IP Rating	Indirect Light			
Q.ty		10 40														

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:

