

N3

KALOS

Flessibilità d'installazione e prestazioni del sistema ottico rendono KALOS una soluzione efficace per l'illuminazione di spazi e percorsi urbani.

Flexibility of installation and performance of the optical system make KALOS an effective solution of lighting urban spaces and pathways.





220 240V	50 60Hz	CL II	IP66	IK09	ta -30°C +50°C
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DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1610 - 13895 lm

Potenza apparecchio / Fitting power:
13,5 - 103,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 4

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC,
telegestione wireless / virtual midnight. On request
ZHAGA, DALI, CLO, PLC, wireless telemanagement

COLORI / COLOURS

● SABLÉ 100 NOIR

TEMPERATURA COLORE COLOUR TEMPERATURE

- 2200 K (TESTA PALO / POST TOP)
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e codolo / Body and fastening part:
pressofusione di lega d'alluminio UNI EN AB 47100
(contenuto rame < 1%) / die-cast aluminum alloy UNI EN
AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere
realizzata in 16 fasi per la miglior resistenza agli
agenti atmosferici / phospho-chromatation treated
and polyester powder-coated in 16 phases to increase
weather resistance

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
8 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

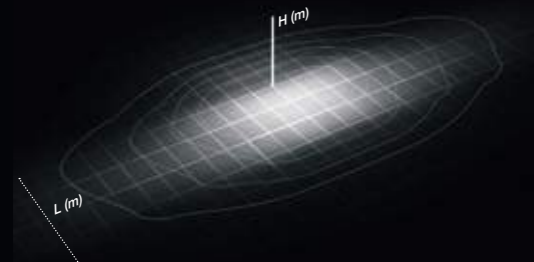
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Installazione / Installation:
testa palo, lato palo, sospensione braccio, sospensione
tesata, parete, sottoportico
post top, pole side, arm suspension, string suspension,
wall, arcade

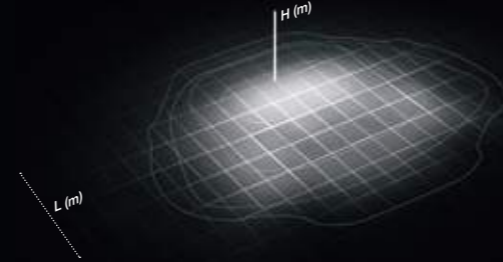


OTTICHE / OPTICS

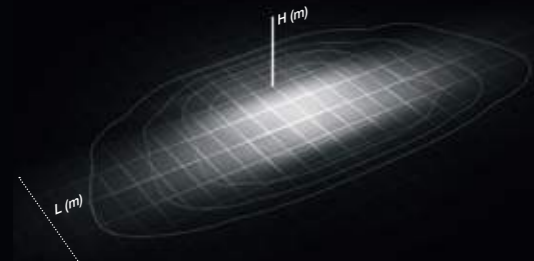
ST-01 Narrow Street
L / H = 0,75



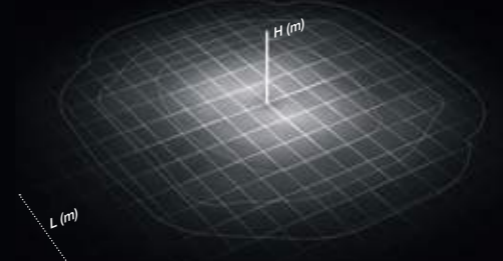
LT-06 Asymmetric Beam
L / H = 2



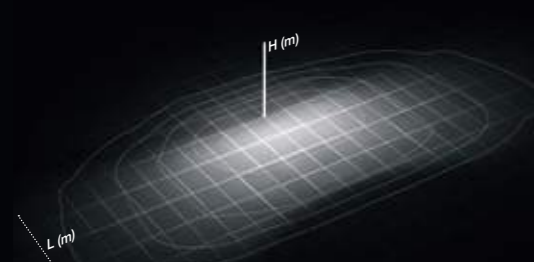
ME-01 Medium Street
L / H = 1



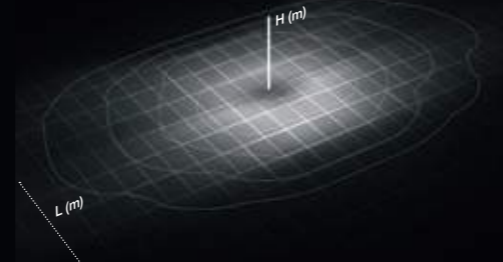
RS-01 Rotosymmetric Beam
L / H = 2



LA-01 Wide Street
L / H = 1,25



F&B ST-01 + LA-01 Front & Back
L / H = 0,75 + 1,25

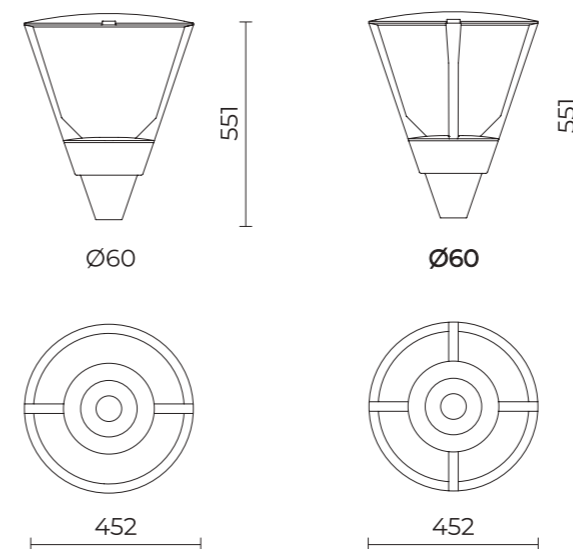


Kalos

Testa palo / Post top

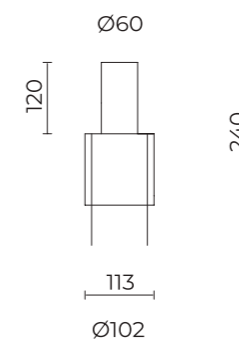
DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
pali cima Ø 60 mm innesto H 65 mm
poles for post top Ø 60 mm and fastening part H 65 mm

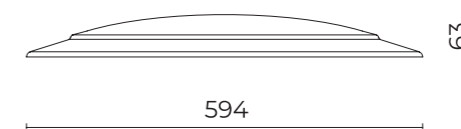


ACCESSORI / ACCESSORIES

01SC913C0
Riduzione codolo
Reduction fastening part

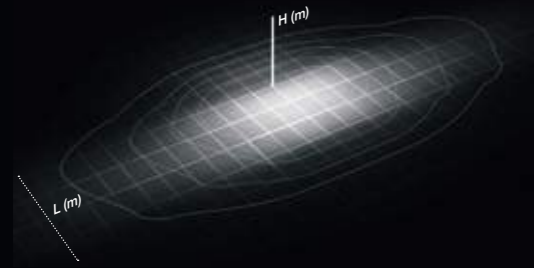


01KA901C0
Cappello per Kalos 4 chele testa
palo o su braccio portato
Cover for Kalos 4 post top arms
or on arm for upwards installation

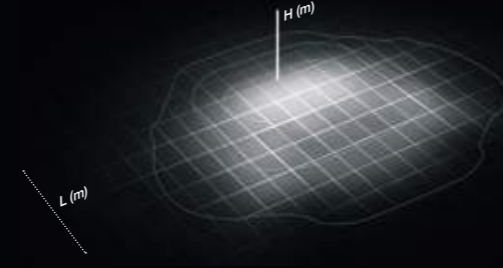


OTTICHE / OPTICS

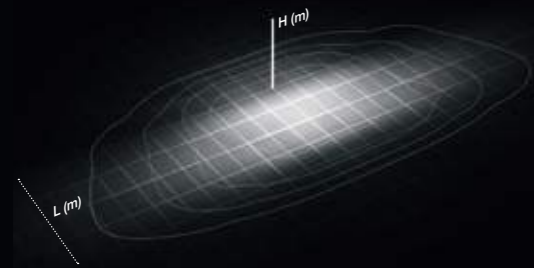
ST-01 Narrow Street
L / H = 0,75



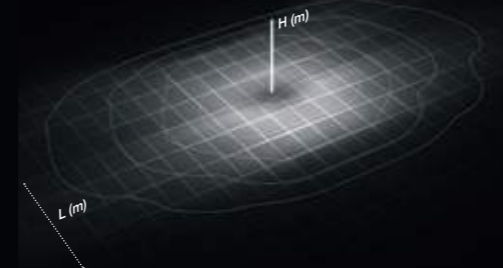
LT-06 Asymmetric Beam
L / H = 2



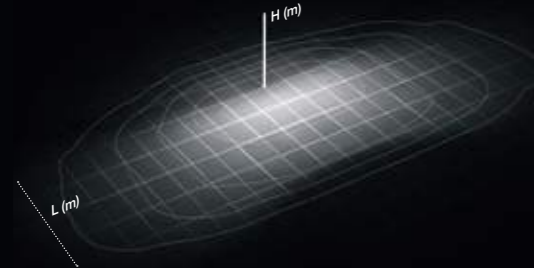
ME-01 Medium Street
L / H = 1



F&B ST-01 + LA-01 Front & Back
L / H = 0,75 + 1,25



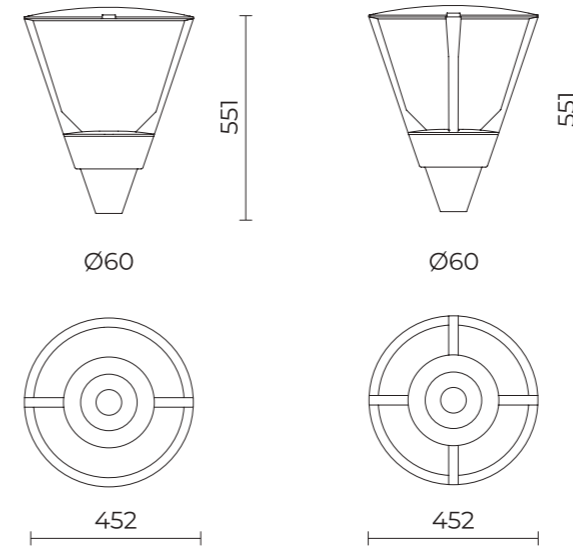
LA-01 Wide Street
L / H = 1,25



Kalos
Lato palo / Pole side

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
su bracci con attacco Ø 60 mm per pali Ø 102 mm
on arms with Ø 60 mm fastening for poles Ø 102 mm

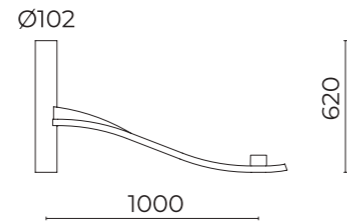


Kalos

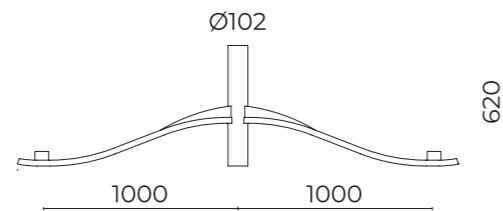
Lato palo / Pole side

BRACCI / ARMS

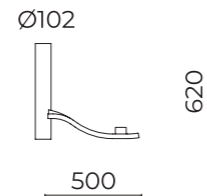
01KA902C0
B35 - Braccio per pali con codolo
 Ø 60 mm H 120 mm
 Arm for poles with fastening part
 Ø 60 mm H 120 mm



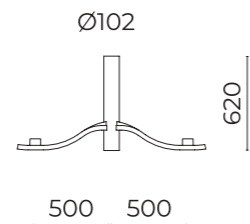
01KA903C0
B36 - Braccio doppio per pali con codolo
 Ø 60 mm H 120 mm
 Double arm for poles with fastening part
 Ø 60 mm H 120 mm



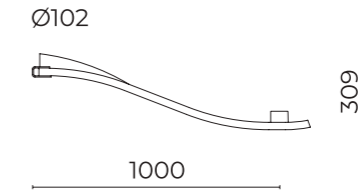
01KA904C0
B37 - Braccio per pali con codolo
 Ø 60 mm H 120 mm
 Arm for poles with fastening part
 Ø 60 mm H 120 mm



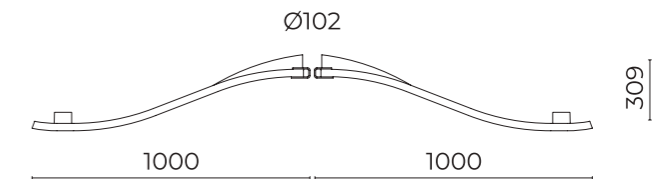
01KA905C0
B38 - Braccio doppio per pali con codolo
 Ø 60 mm H 120 mm
 Double arm for poles with fastening part
 Ø 60 mm H 120 mm



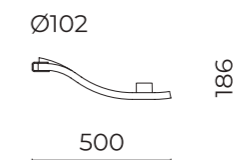
01KA906C0
B39 - Braccio per pali
 Arm for poles



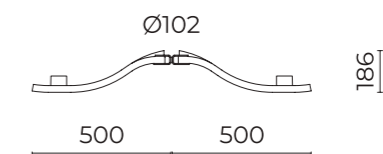
01KA907C0
B44 - Braccio doppio per pali
 Double arm for poles



01KA908C0
B45 - Braccio per pali
 Arm for poles



01KA909C0
B46 - Braccio doppio per pali
 Double arm for poles/poles





VILNIUS
Lithuania



MILANO
Italy



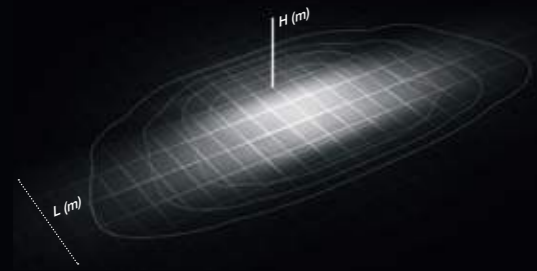
LOHJA
Finland

OMEGNA
Italy

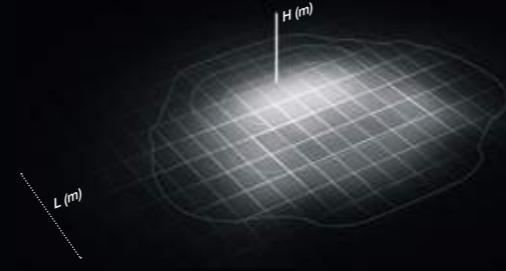


OTTICHE / OPTICS

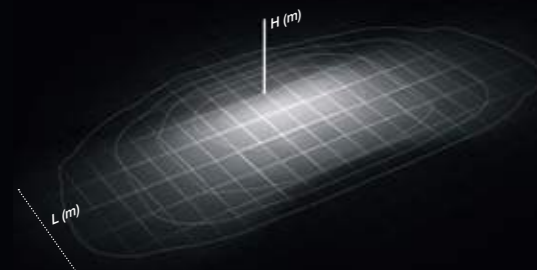
ME-01 Medium Street
L / H = 1



LT-06 Asymmetric Beam
L / H = 2



LA-01 Wide Street
L / H = 1,25



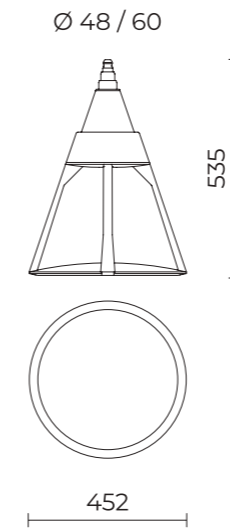
Kalos

Sospensione braccio / Arm suspension

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:

su bracci con attacco Ø 60 mm per pali Ø 102 mm
on arms with Ø 60 mm fastening for poles Ø 102 mm

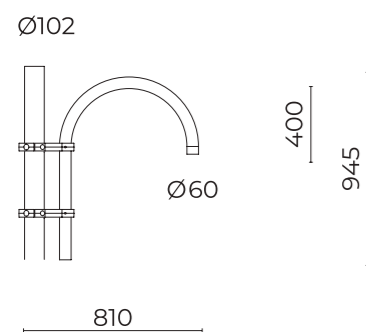


Kalos

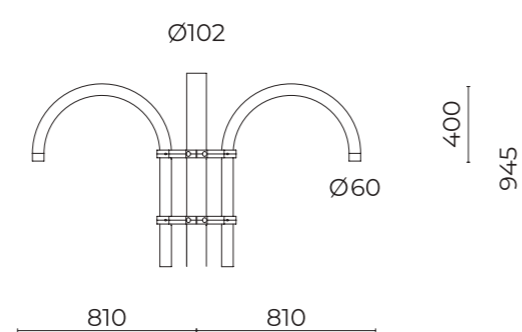
Sospensione braccio / Arm suspension

BRACCI / ARMS

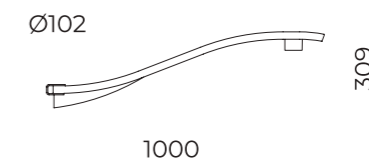
01AK935C0
B15 - Braccio pastorale per pali
 Curved arm for poles



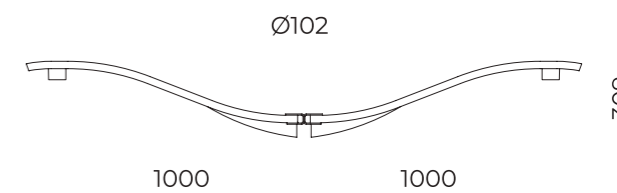
01AK936C0
B16 - Braccio pastorale doppio per pali
 Double curved arm for poles



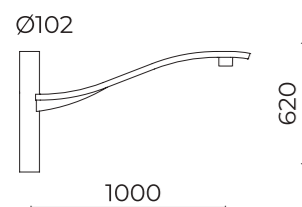
01KA906C0
B39 - Braccio per pali
 Arm for poles



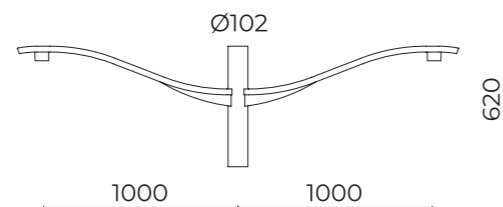
01KA907C0
B44 - Braccio doppio per pali
 Double arm for poles



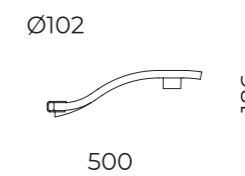
01KA902C0
B35 - Braccio per pali con codolo
 Ø 60 mm H 120 mm / Arm for poles with fastening part Ø 60 mm H 120 mm



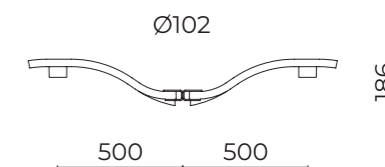
01KA903C0
B36 - Braccio doppio per pali con codolo
 Ø 60 mm H 120 mm / Double arm for poles with fastening part Ø 60 mm H 120 mm



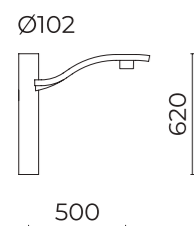
01KA908C0
B45 - Braccio per pali
 Arm for poles



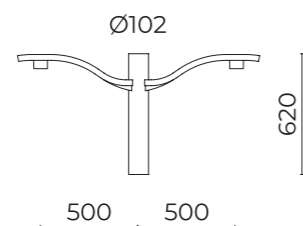
01KA909C0
B46 - Braccio doppio per pali
 Double arm for poles



01KA904C0
B37 - Braccio per pali con codolo Ø 60 mm
 H 120 mm / Arm for poles with fastening part Ø 60 mm H 120 mm

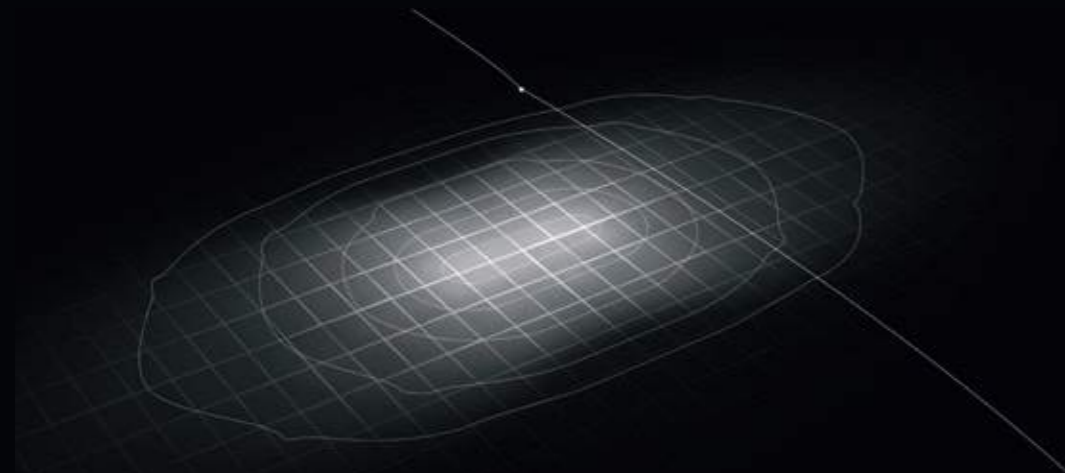


01KA905C0
B38 - Braccio doppio per pali con codolo Ø 60 mm
 H 120 mm / Double arm for poles with fastening part Ø 60 mm H 120 mm



01AK907C0
L16 - Kit sospensione maschio
 Male suspension kit





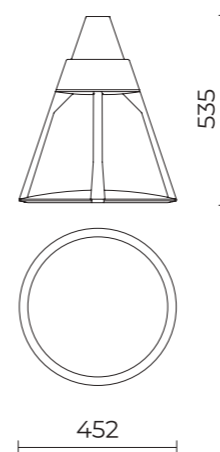
Kalos

Sospensione tesata / String suspension

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
fune tesata / string suspension

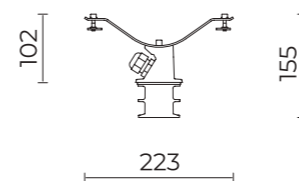
Orientabilità / Adjustability:
0° ÷ 360°



ACCESSORI / ACCESSORIES

01KA925CO

Kit sospensione fune tesata Ø 6 ÷ 12 mm
Suspension kit for string Ø 6 ÷ 12 mm



OTTICHE / OPTICS

ST-01 Narrow Street
L / H = 0,75



LA-01 Wide Street
L / H = 1,25



ME-01 Medium Street
L / H = 1



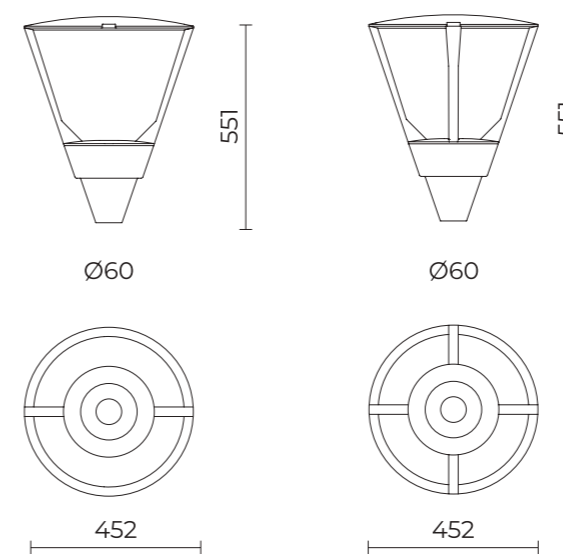
LT-06 Asymmetric Beam
L / H = 2



Kalos
Parete / Wall

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
su bracci a parete / on wall-mounted arms

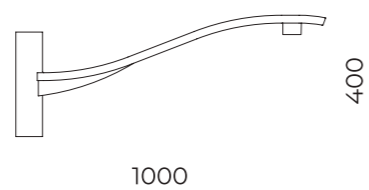


Kalos

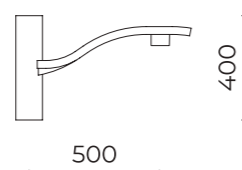
Parete / Wall

BRACCI / ARMS

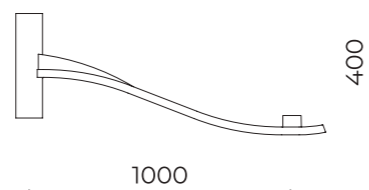
01KA910CO
B39-P - Braccio parete DOWN
Arm wall-mounted DOWN



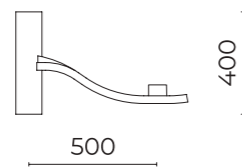
01KA911CO
B45-P - Braccio parete DOWN
Arm wall-mounted DOWN



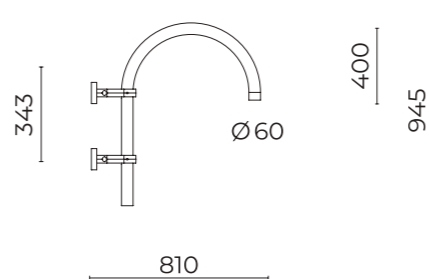
01KA910CO
B39-P - Braccio parete UP
Arm wall-mounted UP



01KA911CO
B45-P - Braccio parete UP
Arm wall-mounted UP



01AK950CO
B15-P - Braccio pastorale parete
Curved arm for wall



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www.metalmek.nl

Metalmek

Cariboni
group

 **LIVAL**

NORDIC  **ALUMINIUM**