Vbobilbao progettiamo la luce



c/ arbolantxa, 6
48001 bilbao, bizkaia
+34 944 97 83 90
+34 629 410 572 oficina técnica

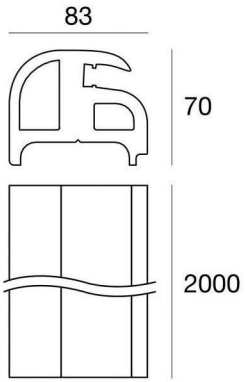
para más información
www.vbobilbao.com
info@vbobilbao.com

fichas productos
extrior igartza

D-W V

Elementos lineales | Modular
77407





Datos técnicos	
Tipo	Superficie
Posición de instalación	Pared - Piso
Ambiente de instalación	Exteriores
IK	IK10
Test del hilo incandescente	550°
Montaje directo sobre superficies normalmente inflamables	Sí
CE	Sí
Artículo regulable	No
Orientabilidad	No
Basculación	No
Practicabilidad	Sí
Transitabilidad	No
Cable incluido.	No
Resinado	No
Peso neto	5.3 Kg
Modularity	Modular

Acabado cuerpo	
Material	PVC sin plomo
Color	marrón

77407



Soporte
posición de instalación: piso L=80mm, D=45mm
Material:Acero inoxidable --, color:acero.

Finish	Code
Inox	Included brackets



Tapón - Tapón de cierre derecho para perfil D-W
Material:Acero AISI 304, color:marrón, elaboración :Recubrimiento en polvo.

Code
77408



Tapón - Tapón de cierre izquierdo para perfil D-W
Material:Acero AISI 304, color:marrón, elaboración :Recubrimiento en polvo.

Code
77409



Unión - Accesorio empalme perfil D-Wave
Tipo linear.
Material:Acero AISI 304, color:marrón, elaboración :Recubrimiento en polvo.

Code
77410



Unión - Curva para esquina interna de 90°
Tipo flexible curve.
Material:Acero AISI 304, color:marrón, elaboración :Recubrimiento en polvo.

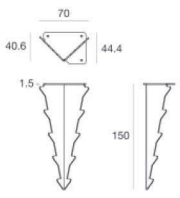
Code
77412



Unión - Curva para esquina exterior de 90°
Tipo flexible curve.
Material:Acero AISI 304, color:marrón, elaboración :Recubrimiento en polvo.

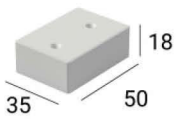
Code
77469





Piquete
posición de instalación: terreno,Material de revestimiento: acero aisi 304

Code
77411



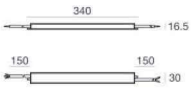
Espesores - Accesorio de nivelación de perfiles D-W

Code
C-F800003

| Lines | Accessories

77407





Fuente de alimentación - Fuente de alimentación ultrafina de tensión constante 24V - 100W
Material:aluminio, color:gris, elaboración :Pintura.

Code

C-E400001

COMPLETE D-WV WITH THE LIGHT UNIT OF YOUR CHOICE

Complete D-WV with the light unit of your choice

D-Wave is an all-in-one extrusion that can contain in the front channel, a light source chosen from:

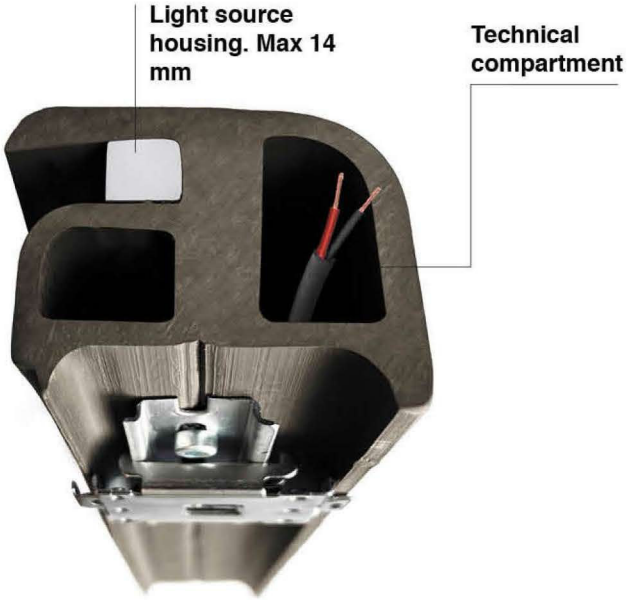
-Rubber 3D

-Rubber 3D Optic

-Rubber 2D

-Ribbon_PU C Plus

-Silicon_C



BORN FOR THE FUTURE:
100% RECYCLABLE
100% CUSTOMISABLE

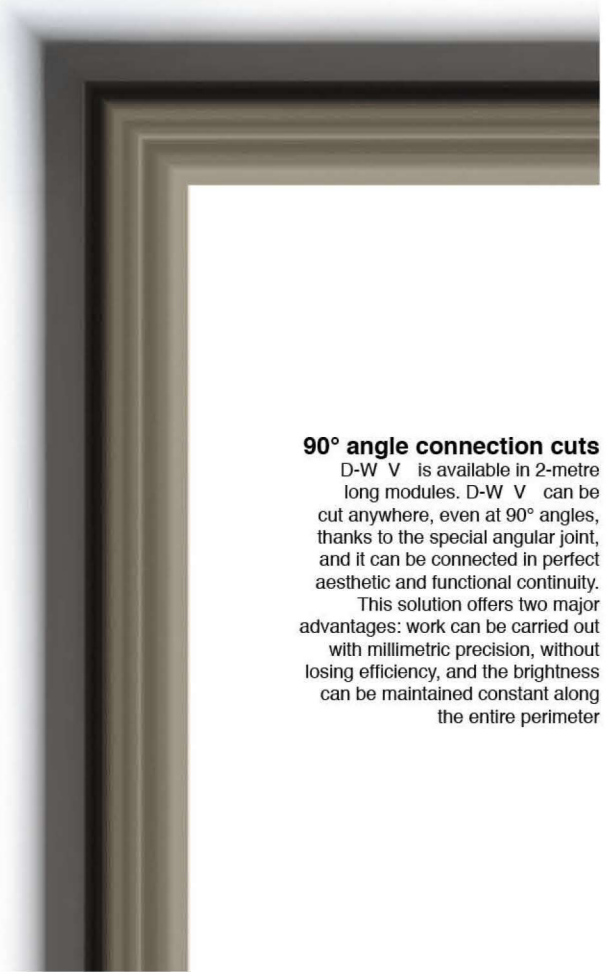
D-W V is a profile designed in every detail to meet all of the designer's needs. The material is 100% recyclable and the base is designed to accommodate the fastening systems provided: bracket and stake. Two anchoring methods that facilitate installation by adapting to the perimeter to be followed. Engraved on the base is the Recycle 3 logo, which allows the type of material to be recognised for proper recycling.





90° bending radius in just 900 mm

Thanks to its great zenithal flexibility, D-W V allows to obtain wide continuous curvatures in the plane. Thanks to the material it is made of, the extruded profile can follow any type of curved perimeter, without interruptions in wiring or light falloff. By combining it with equally flexible and ductile light sources, perfect light continuity is optimised and preserved



90° angle connection cuts

D-W V is available in 2-metre long modules. D-W V can be cut anywhere, even at 90° angles, thanks to the special angular joint, and it can be connected in perfect aesthetic and functional continuity. This solution offers two major advantages: work can be carried out with millimetric precision, without losing efficiency, and the brightness can be maintained constant along the entire perimeter

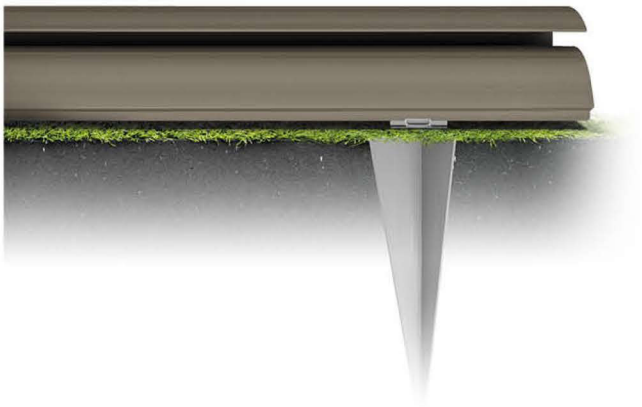
Floor mounting

Thanks to the quick-release steel bracket, D-W can be mounted on any floor. Positioned at a 50 cm pitch, the bracket ensures firm and continuous anchoring over the entire length of the luminaire



Ground mounting

For this type of installation, a small steel stake has been provided, which is also adjustable and can be placed at a certain pitch, ensuring continuous and safe anchoring over the entire length of the perimeter

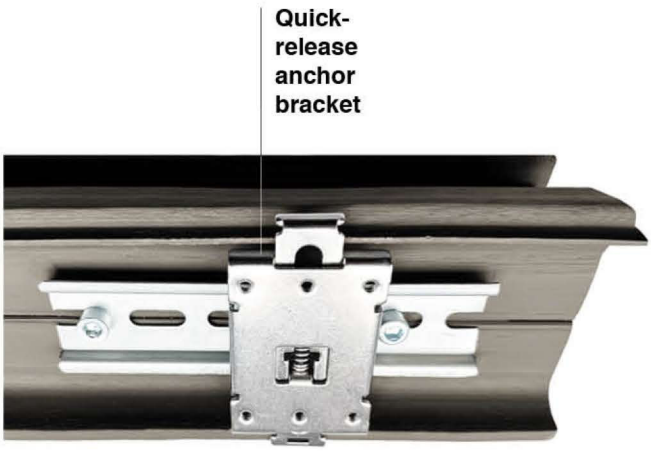


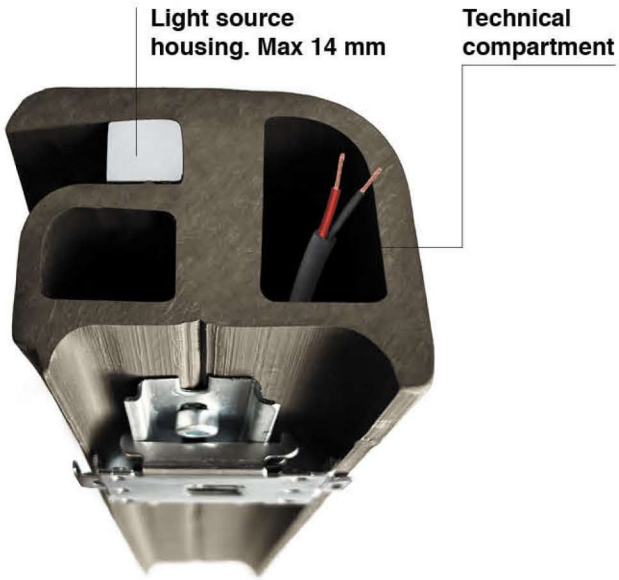
Quick-release bracket

We have designed a quick-release bracket system. This is ideal in case of maintenance, replacement or relocation of the luminaire. Thanks to the rear lever, the bracket is quickly released from the profile, leaving it free, thus facilitating the planned operations

All-in-one

D-W V is an all-in-one extruded profile that contains the light source in the front channel: Rubber 3D, Rubber 2D, Ribbon_PU C Plus or Silicon_C, all the wiring required for your project is protected in the rear channel. The duct passing under the light source is used to support the lighting profile inserted. All the technological components that make up the D-W V system are housed in a single profile





Connecting element

We have designed an invisible connecting element that contributes to the maximum aesthetic and functional continuity of D W V . The intermediate joint, linear or angular, allows for the continuous passage of cables and light sources without interruptions or falloff

Anchor brackets

Positioned every 50 cm, they ensure secure and stable installation on any floor or ground and with any zenithal or lateral curvature. The brackets guarantee completely safe installation in any location and in all surface conditions

Closing element

The end element that closes D-W V completes the marker light, making it perfectly unified and continuous along the entire length. An essential accessory from a functional and aesthetic point of view



2000 mm

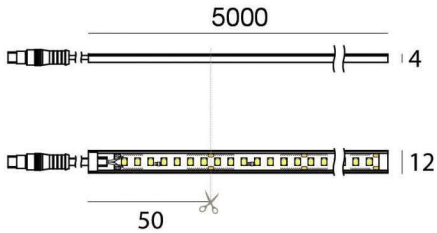
Plus 140 LEDs/m

LED Strip | 700 topLED 36 W DC 24 V | 7.2 W/m
802 Lm/m | CRI >90
C00124WHWDI









Datos técnicos	
Largo	5000 mm
Corte minimo	50 mm
Tipo	LED Strip
Posición de instalación	Pared - Techo
Ambiente de instalación	Exteriores
Fuente de luz	LED
Circuit structure	topLED
Óptica	Difusa
Light emission direction	downward
Potencia nominal	36 W DC
Potencia / m	7.2 W / m
Flujo luminoso (fuente)	4010 lm
Flujo luminoso (fuente) / m	802 lm / m
Rango de voltaje de entrada	24V
CCT / Tone	3000 K
Índice de rendimientos cromático	>90 Ra
C.C. / C.V.	CV
Clase de aislamiento	3
IP	IP66
Test del hilo incandescente	650°
Montaje directo sobre superficies normalmente inflamables	Sí
CE	Sí
Driver incluido.	No
Artículo regulable	DALI - 1-10V
Orientabilidad	No
Basculación	No
Practicabilidad	No
Transitabilidad	No
Cable incluido.	Sí
Largo del cable	1(M)x0.25m + 1(F)x1 m
Resinado	Sí
Tipología de emisión luminosa	Una emisión
Peso neto	0.575 Kg
Protección descargas electrostáticas	No
Protección contra sobretensiones	No

Acabado cuerpo	
Material	Tecnopolímero
Color	blanco

Acabado difusor	
Material	PU
Color	Ópalo

Electrónica



99331
On/Off Driver 198~264V AC / 180~275V DC 150 W (1 - 4 art.)



99332
1-10V Controller (1 - 4 art.)



99374
On/Off Driver 198~264V AC / 176~275V DC 75 W (1 - 2 art.)



83333
Push and Simply Dim - DALI-2 Controller (1 - 4 art.)



C-E400002
Push and Simply Dim - DALI-2 Controller (1 - 6 art.)

Plus 140 LEDs/m

LED Strip | 700 topLED 36 W DC 24 V | 7.2 W/m | 802 Lm/m | CRI >90
C00124WHWDI

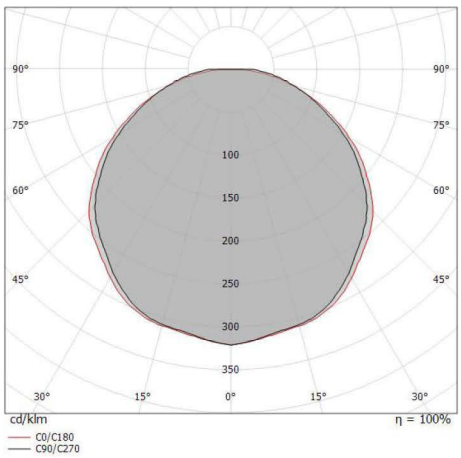
Single emission led strip for outdoor application. The warm white LED light source with a diffused light distribution topled LED with CCT of 3000 K and a CRI >90; the source luminous flux is 4010 lm, with a 111.4 lm/W nominal luminous efficacy.

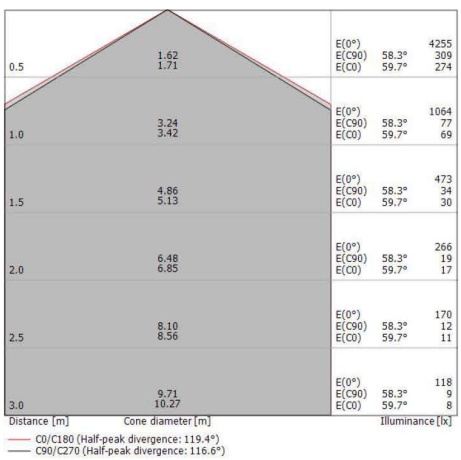
The device body is made of technopolymer and features a white finish; the diffuser is made of pu. The ingress protection degree is IP66; the total weight is of 0.575 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 36 W. The power supply cable is included and features a 1(M)x0.25m + 1(F)x1 m length.

The device features protection class III and can be wall lights or ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.





Clase de eficiencia energética
Este producto contiene una fuente de luz de clase de eficiencia energética F.

Características Luminotécnicas	
Light Output Ratio (LOR)	82 %
Flujo luminoso (fuente)	4010 lm
Flujo luminoso de luminaria	3314 lm
Consumption	36 W
Rendimiento luminoso de las luminarias	92 lm/W
Temperatura de color	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Índice de rendimientos cromático	>90 Ra
Temperatura estándar del ambiente de servicio	-20 / +55°C

UGR	
UGR axial	28.1
UGR transversal	27.9
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Óptica C0/C180	117°
Light distribution simmetry	Symmetrical



Descrizione | *Description*

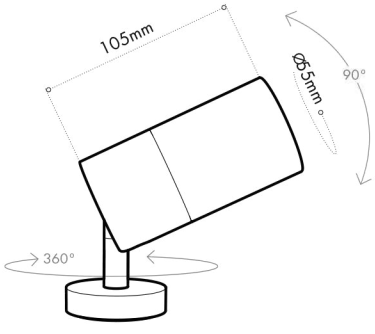
Proiettore orientabile da esterni IP66 per installazioni a soffitto o parete con corpo, stelo e basetta di appoggio in alluminio, disponibile in tre potenze con gruppo di alimentazione remoto. Il particolare design delle alette di raffreddamento consente di allocare potenze elevate in un prodotto dalle dimensioni estremamente compatte. È possibile orientare il faretto intorno a due assi di rotazione per avere ampia libertà nel puntamento. È disponibile in tre distribuzioni fotometriche.

-

Adjustabile outdoor IP66 headlight suitable for wall or ceiling mounting, with body, rod and base in aluminium, available in three supply currents with remote power supply unit. Specific cooling fans design enables pushing high power/current in an extremely compact product package. Two rotation axes allow wide range in aiming and three beam angles are available.

Caratteristiche generali | *General specifications*

tipo di installazione | *mounting type*	a parete/soffitto | *wall/ceiling mounting*
materiali | *materials*	alluminio | *aluminum*
finiture | *finishes*	bianco opaco RAL 9010, nero opaco RAL 9005, oro, bronzo, rame, brunito, corten, ottone spazzolato, custom | *matt white RAL 9010, matt black RAL 9005, gold, bronze, copper, burnished, corten, brushed brass, custom*
dimensioni | *overall dimensions*	Ø55x105mm
peso | *weight*	-
grado di protezione IP | *IP rating*	IP66
grado di protezione IK | *IK rating*	IK06
note sul prodotto | *product notes*	-



Caratteristiche elettriche | *Electrical specifications*

gruppo di alimentazione | *power supply unit*	remoto | *remote*
alimentazione | *power supply*	corrente costante, 50/60Hz | *constant current, 50/60Hz*
tensione operativa LED | *LED operating voltage*	18Vdc
dimmerazione | *dimming*	su richiesta | *on demand*
classe di isolamento | *insulation class*	III

Sorgente luminosa | *Light source*

@ 4000K, Ta = 25°, Tj = 25°

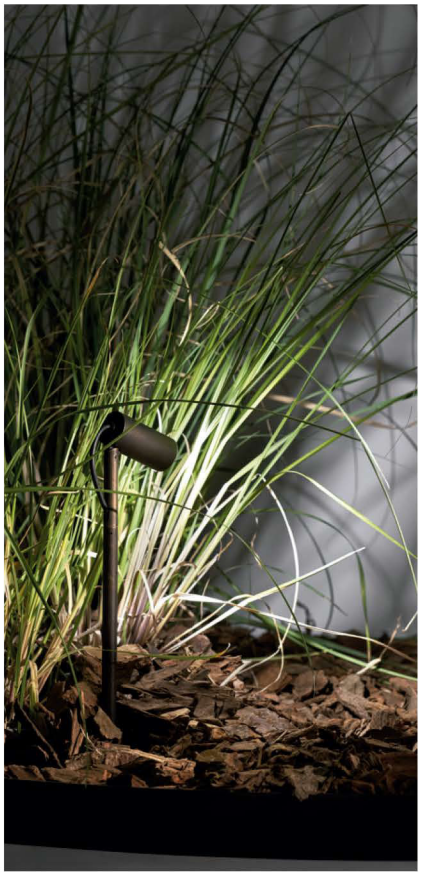
lampada | *lamp*	LED chip on board | *chip on board LED*
temperatura di colore | *colour temperature*	3000 - 4000K
indice di resa cromatica | *colour rendering index*	≥95
vita media | *average life*	50000h L80 B10
consistenza cromatica | *colour consistency*	2 SDCM

I (mA)	Ø (lm)	P (W)	light efficiency (lm/W)
700	1772	12	148
*	*	18	*

* Disponibile su richiesta
Available on request

Gruppo ottico | *Optical group*

schermo di chiusura | *lamp screen*	PMMA trasparente | *transparent PMMA*
riflettore | *reflector*	policarbonato metallizzato lucido | *metalised polished polycarbonate*



Descrizione | *Description*

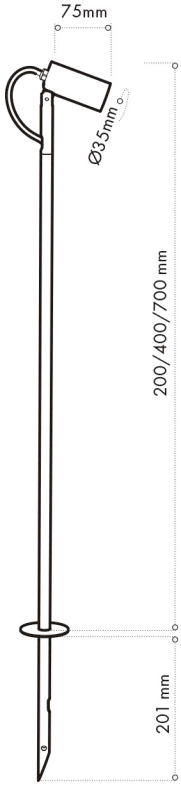
Proiettore orientabile da esterni IP66 con corpo in alluminio, picchetto in acciaio (opzionabile in tre lunghezze) per interramento con sistema anti-estrazione, disponibile in tre potenze con gruppo di alimentazione remoto. Il particolare design delle alette di raffreddamento consente di allocare potenze elevate in un prodotto dalle dimensioni estremamente compatte. Un layer di resina poliuretanica ad elevata trasparenza alla bocca di uscita luminosa garantisce la corretta protezione IP negli orientamenti più sfavorevoli. Sono disponibili cinque distribuzioni fotometriche.

-

Adjustabile outdoor IP66 headlight with body in aluminium, steel thin rod (three lengths at choice) with spike for burial with anti-estraction system, available in three supply currents with remote power supply unit. Specific cooling fans design enables pushing high power/current in an extremely compact product package. A layer of high transparency polyurethane resin at light aperture assures correct IP protection even when product orientation is unfavourable. Five photometric distributions are available.

Caratteristiche generali | *General specifications*

tipo di installazione | *mounting type*	a pavimento | *floor standing*
materiali | *materials*	alluminio, acciaio | *aluminum, steel*
finiture | *finishes*	bianco opaco RAL 9010, nero opaco RAL 9005, oro, bronzo, rame, brunito, corten, ottone spazzolato, custom | *matt white RAL 9010, matt black RAL 9005, gold, bronze, copper, burnished, corten, brushed brass, custom*
dimensioni | *overall dimensions*	Ø26x55mm (faretto), 200/400/700mm (paletto) | *Ø26x55 (headlight), 200/400/700mm (pole)*
peso | *weight*	-
grado di protezione IP | *IP rating*	IP66
grado di protezione IK | *IK rating*	IK06
note sul prodotto | *product notes*	-



Caratteristiche elettriche | *Electrical specifications*

gruppo di alimentazione | *power supply unit*	remoto | *remote*
alimentazione | *power supply*	corrente costante, 50/60Hz | *constant current, 50/60Hz*
tensione operativa LED | *LED operating voltage*	11,2Vdc
dimmerazione | *dimming*	su richiesta | *on demand*
classe di isolamento | *insulation class*	III

Sorgente luminosa | *Light source*

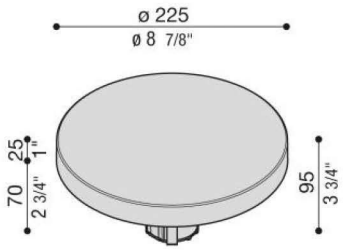
@ 4000K, Ta = 25°, Tj = 25°

lampada | *lamp*	LED ad alta potenza | *high power LED*
temperatura di colore | *colour temperature*	2700 - 3000 - 4000K
indice di resa cromatica | *colour rendering index*	≥90
vita media | *average life*	50000h L80 B10
consistenza cromatica | *colour consistency*	2 SDCM

I (mA)	Ø (lm)	P (W)	light efficiency (lm/W)
350	463	4	116
500	627	6	105
700	820	9	91

220 Zero



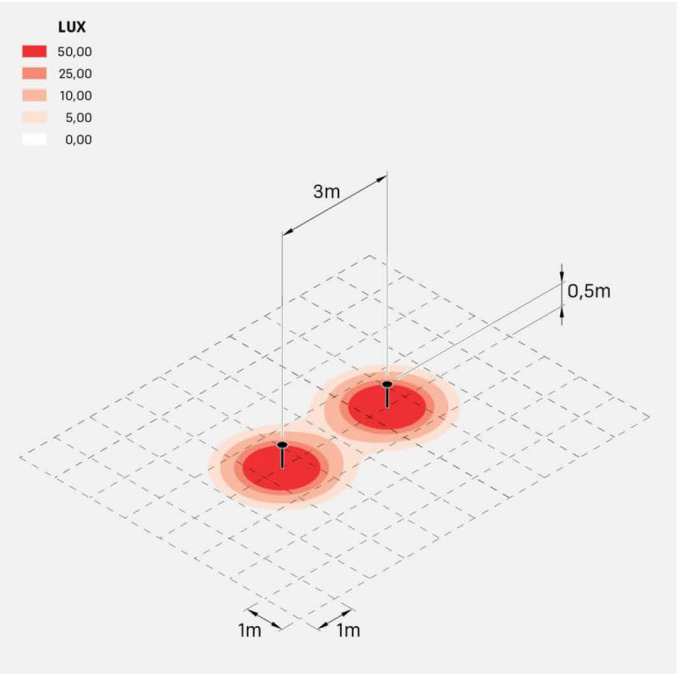


Technical information:

Installation:	Post Ø60
Finish:	Black RAL 9005
Diffuser type:	Polycarbonate
Lamp type:	LED
Energy performance class:	F
Colour temperature:	3000K
CRI:	>80
LB Factor:	L80B20 - 50.000h
Photobiological risk:	RG0
Power consumption (Watt):	11
Lumen:	1200
Real Lumen:	632
Power supply:	integrated
LED:	220-240 V
Circuit breaker B10 - C10 - B16 - C16	36-44-52-65
Insulation class:	CL.I
Type of protection:	**IP 66**
Resistance to breakage:	**IK 08 5J xx7**
Standards and Marks of Conformity:	CE UKCA

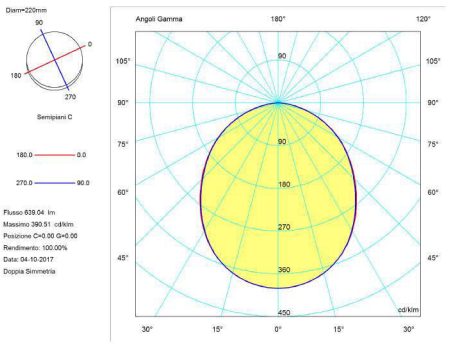
CUT-OFF version anti-light pollution.

Lighting simulation:

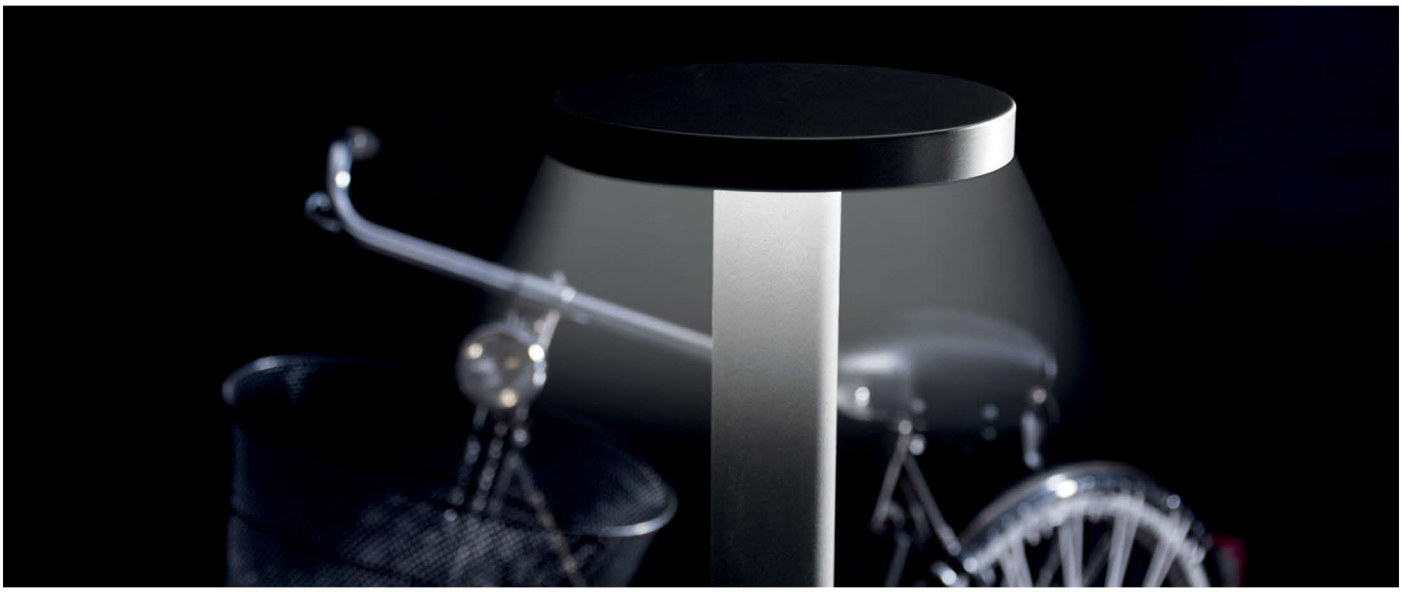


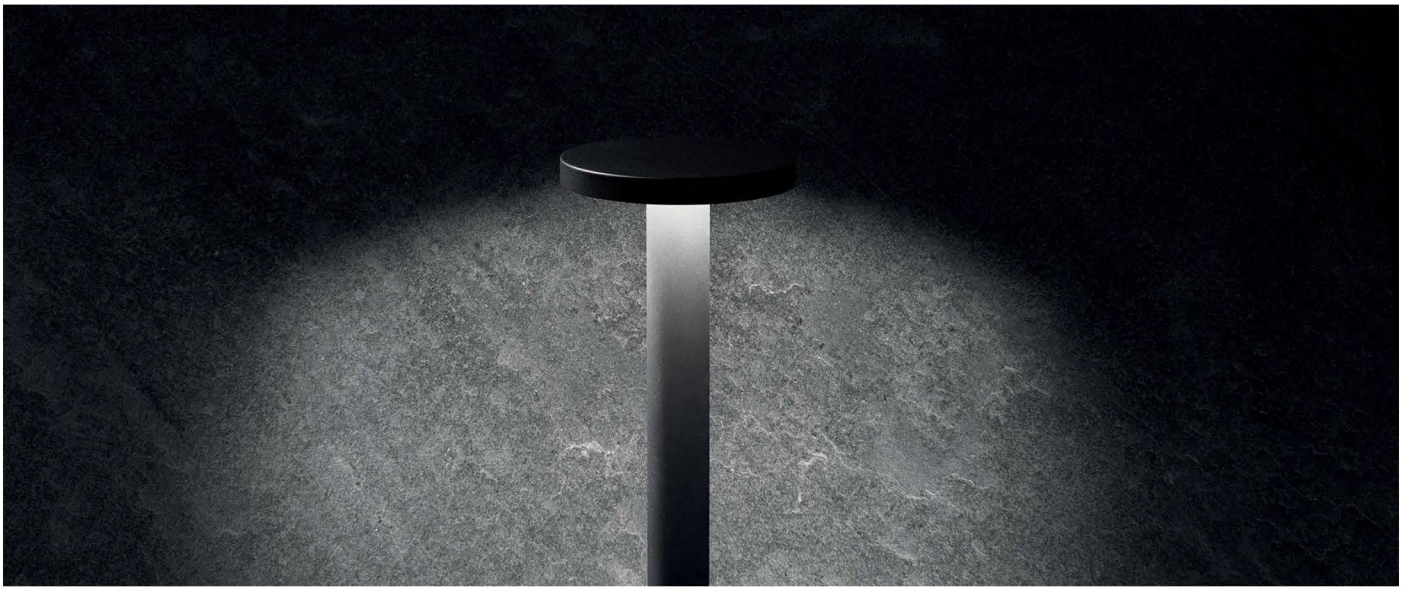
220_zero_H500

Photometric curves:



220 Zero





Installation images:









biblio palo UpO 1995

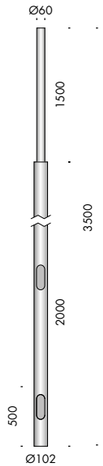


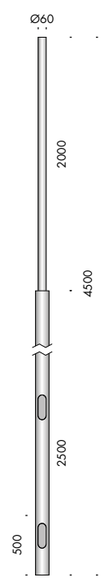
apparecchio di illuminazione per esterni IP44.
realizzato con palo rastremato in acciaio, zincato a caldo e verniciato a polvere, diametro Ø102mm fino a h.2000mm da terra e diametro Ø60mm nella parte superiore.
altezza massima h.3000mm o h.4000mm fuori terra.
modelli:
biblio palo 1 345x494x375mm con testa palo singolo,
biblio palo 2 345x885x375mm con testa palo doppio.
entrambi in alluminio ossidato e verniciato a polvere, con vetro di protezione trasparente IK06.
cablato con sorgente elettronica 3000K 36,5W 4190lm.
ottiche: 25° 72°
alimentatore 220-240V 50-60Hz incluso.
finiture: bruno antico, nero notte, scurodivals e grigio argento.



IP44 rated light fitting for outdoor use.
made of a steel tapered pole, hot galvanised and powder coated, diameter Ø102mm up to h.2000mm from the ground and diameter Ø60mm at the top.
maximum height of h.3000mm or h.4000mm above ground.
versions:
biblio palo 1 with 345x494x375mm single pole head,
biblio palo 2 with 345x885x375mm double pole head.
both made of oxidised and powder painted aluminium, with IK06 protective transparent glass.
wired with 3000K 36,5W 4190lm led source.
optics: 21° 58°
220-240V 50-60Hz power supply included.
finishes: antique brown, night black, scurodivals and silver grey.

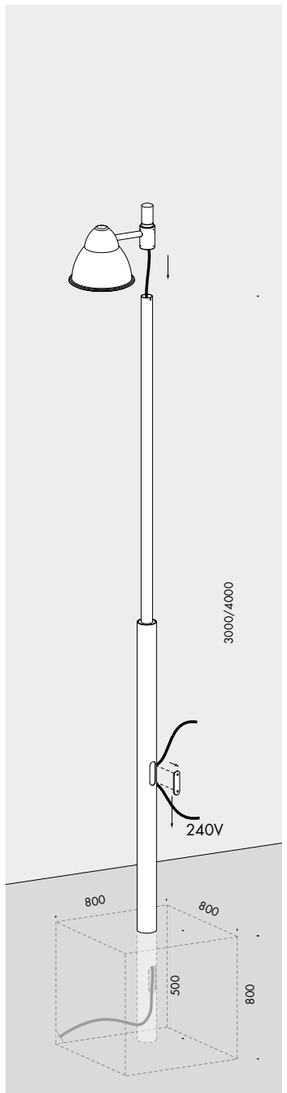






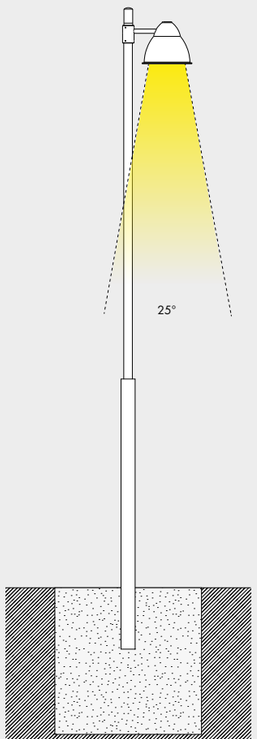
biblio palo 3000		
a9 .527.81	bruno antico · antique brown	22
a9.527.82	nero notte · night black	22
a9.527.83	scurodivals	22
a9.527.84	grigio argento · silver grey	22

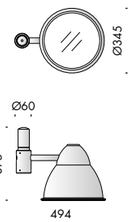
biblio palo 4000		
a9.527.91	bruno antico · antique brown	27
a9.527.92	nero notte · night black	27
a9.527.93	scurodivals	27
a9.527.94	grigio argento · silver grey	27



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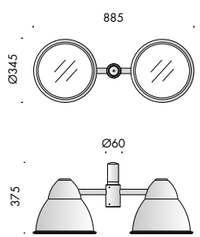
gradi di apertura fascio luminoso 25°
beam's angle degrees





biblio palo 1	**240V 50-60Hz**	**IP44**	**IK06**			
Vb4.603.01	bruno antico · antique brown			3000K	25°	6,9
Vb4.603.02	nero notte · night black			3000K	25°	6,9
Vb4.603.03	scurodivals			3000K	25°	6,9
Vb4.603.04	grigio argento · silver grey			3000K	25°	6,9

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
90	Rf 90	Rg 100	step 2	1050	34,3	4190	36,5	115
cm001	les19	Ta25 °C	vita media · average life			50000 h	L80	B10



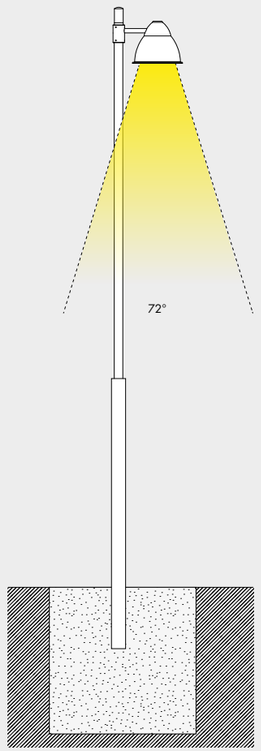
biblio palo 2	**240V 50-60Hz**	**IP44**	**IK06**			
Vb4.603.06	bruno antico · antique brown	2x36,5W		3000K	25°	12
Vb4.603.07	nero notte · night black	2x36,5W		3000K	25°	12
Vb4.603.08	scurodivals	2x36,5W		3000K	25°	12
Vb4.603.09	grigio argento · silver grey	2x36,5W		3000K	25°	12

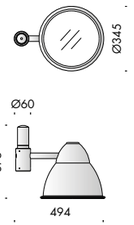
Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
90	Rf 90	Rg 100	step 2	1050	34,3	8380	73	115
cm001-2	les19	Ta25 °C	vita media · average life			50000 h	L80	B10



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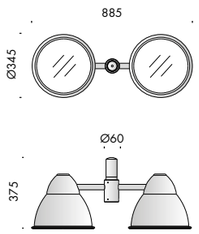
gradi di apertura fascio luminoso 72°
beam's angle degrees





biblio palo 1	**240V 50-60Hz**	**IP44**	**IK06**			
Vb4.603.21	bruno antico · antique brown	3000K	72°	6,9		
Vb4.603.22	nero notte · night black	3000K	72°	6,9		
Vb4.603.23	scurodivals	3000K	72°	6,9		
Vb4.603.24	grigio argento · silver grey	3000K	72°	6,9		

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
90	Rf 90	Rg 100	step 2	1050	34,3	4190	36,5	115
cm001	les19	Ta25 °C	vita media · average life			50000 h	L80 B10	

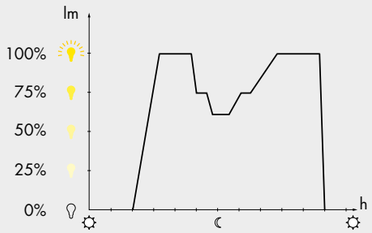


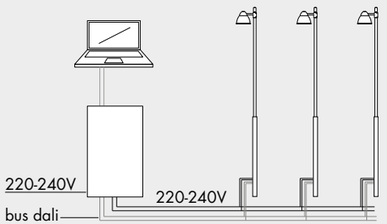
biblio palo 2	**240V 50-60Hz**	**IP44**	**IK06**			
Vb4.603.26	bruno antico · antique brown	2x36,5W	3000K	72°	12	
Vb4.603.27	nero notte · night black	2x36,5W	3000K	72°	12	
Vb4.603.28	scurodivals	2x36,5W	3000K	72°	12	
Vb4.603.29	grigio argento · silver grey	2x36,5W	3000K	72°	12	

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
90	Rf 90	Rg 100	step 2	1050	34,3	8380	73	115
cm001-2	les19	Ta25 °C	vita media · average life			50000 h	L80 B10	

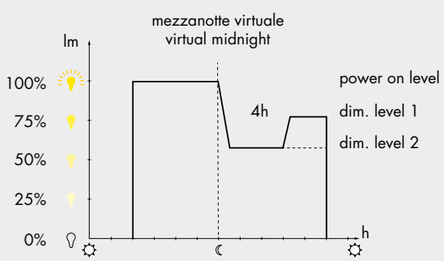
biblio palo: l'alimentatore prevede diverse modalità di collegamento e relativa programmazione.
the power supply ables to have different wiring modes and programming.

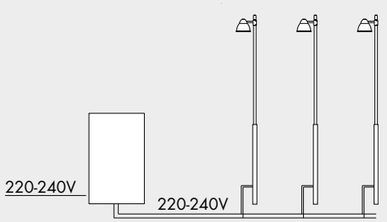
1- dali: dimmerazione controllata tramite bus. l'intensita della luce e il tempo vengono gestiti dall'utente con controller dali remoto.
bus controlled dimming. light intensity and the timing are managed by the user through a remote dali controller.





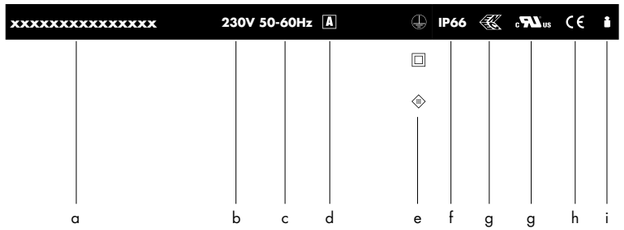
2- astrodim: dimmerazione dell'intensità programmata sull'alimentatore in fase di montaggio da Viabizzuno.
il tempo viene gestito automaticamente seguendo il programma precaricato sull'alimentatore che calcola la mezzanotte virtuale.
dimming on the power supply is settled by Viabizzuno during the assembly phase.
the timing is handled automatically by the preinstalled schedule program on the power supply, which calculate the virtual midnight.

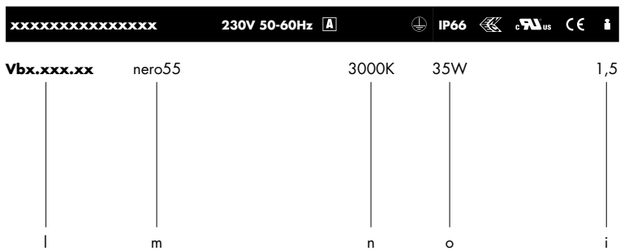




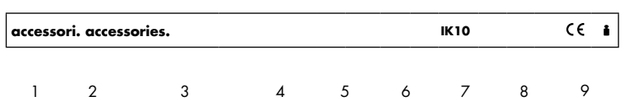
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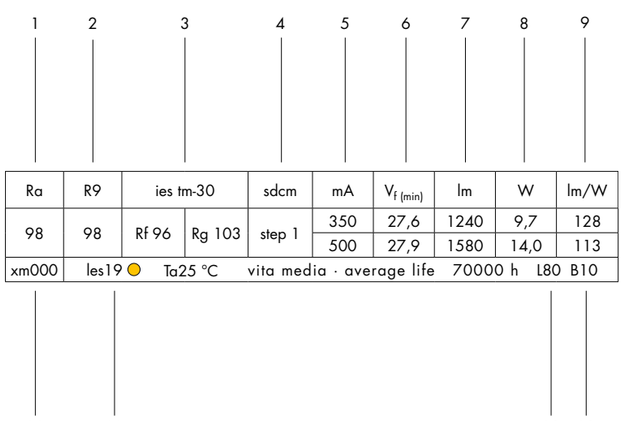
lettura delle tabelle tecniche how to read technical tables











bandella tecnica. posizioni standard simbologie.
data plate. standard arrangement of symbols.

a	*nome apparecchio di illuminazione* · light fitting name
b	*tensione di alimentazione* · supply rating (Volt)
c	*frequenza di alimentazione* · supply frequency (Hertz)
d	*alimentatore incluso o escluso* · power supply included or not included
e	*classe di isolamento* · insulation class
f	*grado di protezione* · protection degree
g	*marchio di certificazione* · safety and quality standards certification
h	*conforme alle direttive europee* produced in compliance with EC directives
i	*peso netto* · net weight (kg)
l	*codice* · code
m	*finitura* · finish
n	*temperatura colore sorgente elettronica* colour temperature led source (Kelvin)
o	*potenza della sorgente* · source power (Watt)

componenti. identifica tutti gli elementi indispensabili per la corretta funzionalità e installazione dell'apparecchio di illuminazione.
components. includes all items that are essential to the correct operation and installation of the light fitting.

accessori. si riferisce alle ulteriori parti installabili sull'apparecchio.
accessories. refers to items that can be added to the light fitting.

1	*indice di resa cromatica* · colour rendering index
2	*indice di resa del rosso* · red colour rendering index
3	*Rf indice di fedeltà colore* · colour fidelity index *Rg indice di saturazione colore* · color gamut index
4	*step di macadam* · macadam step
5	*corrente di alimentazione* · power supply current
6	*tensione di alimentazione* · power supply voltage
7	*flusso luminoso* · light flux
8	*potenza della sorgente* · source power
9	*efficienza della sorgente* · source efficiency
10	*codice sorgente elettronica Viabizzuno* · Viabizzuno led source code
11	*superficie emittente* · light emmitting surface (mm)
12	*% flusso residuo a fine vita* · end life % flux
13	*% consentita sotto limite* · allowed % under limit

gradi di protezione protection degrees

IP0X *non protetto*
no protection

IP1X *contro corpi estranei >50 mm*
protection against solid objects

IP2X *contro corpi estranei >12 mm*
protection against solid objects

IP3X *contro corpi estranei >2,5 mm*
protection against solid objects

IP4X *contro corpi estranei >1 mm*
protection against solid objects

IP5X *protezione da polvere*
dust-protected

IP6X *stagno alla polvere*
dust-proof

IPX0 *non protetto*
no protection

IPX1 *protetto contro la caduta verticale di gocce d'acqua*
protected against water drops falling vertically

IPX2 *protetto contro la caduta di gocce con inclinazione max 15°*
protected against water drops max inclination 15°

IPX3 *protetto contro la caduta di gocce con inclinazione max 60°*
protected against water drops max inclination 60°

IPX4 *protetto contro spruzzi d'acqua*
protected against sprinkling water

IPX5 *protetto contro getti d'acqua*
protected against water jets

IPX6 *protetto contro inondazioni*
rotected against flooding

IPX7 *per breve immersione*
protected against brief immersions

IPX8 *per immersione prolungata*
protected against long immersion

IK01 *nessuna protezione*
no protection

IK01 *protetto contro l'energia d'urto 0,15J*
protected against collision energy

IK02 *protetto contro l'energia d'urto 0,2J*
protected against collision energy

IK03 *protetto contro l'energia d'urto 0,35J*
protected against collision energy

IK04 *protetto contro l'energia d'urto 0,5J*
protected against collision energy

IK05 *protetto contro l'energia d'urto 0,7J*
protected against collision energy

IK06 *protetto contro l'energia d'urto 1J*
protected against collision energy

IK07 *protetto contro l'energia d'urto 2J*
protected against collision energy

IK08 *protetto contro l'energia d'urto 5J*
protected against collision energy

IK09 *protetto contro l'energia d'urto 10J*
protected against collision energy

IK10 *protetto contro l'energia d'urto 20J*
protected against collision energy

legenda simboli symbols key

ta *tavolo* · table

tr *terra* · floor standing

s *soffitto* · ceiling

p *parete* · wall

sp *sospensione* · suspension

bin *binario* · track

in *incasso* · recessed

st *scomparsa totale* · fully concealed

s+e *segnaletica+emergenza* · signalling system+emergency

bat *portatili autoalimentati a batteria* · portable self-powered with battery

sis *sistemi* · systems

pa *palo* · *pole*

pt *paletto* · bollard

sd *seduta* · sitting

disponibile su · available on *Viabizzuno applight* *www.Viabizzuno.com* *Viabizzuno online*

classe I. solo isolamento fondamentale, le parti conduttrici accessibili sono collegate ad un conduttore di terra. messa a terra tassativa
class I. only basic insulation, accessible conductors are earthed. earthing compulsory

classe II. all'isolamento principale è aggiunto un secondo isolamento oppure ai due isolamenti è sostituito un isolamento rinforzato. messa a terra esclusa
class II. basic insulation plus second insulation or both are replaced by reinforced insulation. earthing excluded

classe III. alimentazione effettuata con bassissima tensione di sicurezza; sono escluse tensioni superiori a 50V-50Hz. messa a terra non prevista.
class III. very low safety supply tension; not to be used over 50V-50Hz. earthing excluded.

prodotto conforme alle direttive europee · produced in compliance with ec directives

marchio di certificazione europea. certifica che il prodotto è conforme alle norme europee sulla sicurezza
component approved for north american market and suitable to be used and approved as part of a more complex system

componente certificato per il mercato nord americano idoneo ad essere utilizzato e valutato come parte di in un sistema più complesso
component approved for north american market and suitable to be used and approved as part of a more complex system

apparecchio di illuminazione approvato da kema · kema approved light fitting

prodotto conforme agli standard presenti nel regno unito che regolamentano la sicurezza e la qualità dell'acqua · product complies with uk standards set out by water regulations

apparecchio di illuminazione certificato secondo le normative vigenti in polonia che regolamentano i dispositivi di sicurezza antincendio
certified light fitting according to the regulations about devices for fire safety in force in poland

prodotto idoneo per essere commercializzato nel mercato cinese · product suitable for the china market

prodotto finito idoneo per essere commercializzato nel mercato nord americano · listed product suitable for the north american market

prodotto conforme alla legislazione vigente nel regno unito · produced in compliance with UK legislation

apparecchio di illuminazione certificato per il mercato cinese
light fitting certified for china market

vetro opalino · opal glass

vetro sabbiato · sanded glass

vetro nero fumè · black smoke glass

vetro trasparente · transparent glass

vetro bianco latte · white milk glass

cristallo · crystal

policarbonato opalino · opal polycarbonate diffuser

carrabile · drive over

A *alimentatore incluso* · power supply included

A *alimentatore escluso* · power supply not included

AR *alimentatore remoto incluso* · remote power supply included

Ai *alimentatore elettronico con controllo intelligente incluso* · electronic power supply with smart control included

AiR *alimentatore elettronico con controllo intelligente incluso, da installare remoto* · electonic power supply with smart control included, to be installed remotely

AS *alimentatore a spina incluso* · plug power supply included

T *trasformatore incluso* · transformer included

T *trasformatore escluso* · transformer not included

K *kit di cablaggio* · wiring kit

K *kit di cablaggio escluso* · wiring kit not included

L *lampadina con sorgente elettronica led, ad incandescenza, alogena o fluorescente inclusa.*
bulb with led electronic source, incandescent, halogen or fluorescent included.

L *lampadina con sorgente elettronica led, ad incandescenza, alogena o fluorescente esclusa.*
bulb with led electronic source, incandescent, halogen or fluorescent not included.

Pr *propulsore dinamico n55 incluso* · included

Pr *propulsore dinamico n55 escluso* · not included

df *diffusore incluso* · diffuser included

df *diffusore escluso* · diffuser not included

possibilità di combinazione tra interfaccia n55, propulsore dinamico n55 e lampadina n55 · possible combination between n55 interface, propulsore dinamico n55 and n55 bulb

attenzione: sorgente luminosa led. non guardare mai direttamente a occhio nudo · attention: led light source. never look straight without eye protection

ff *flicker free compatibile con fotocamere digitali* · flicker free digital camera friendly

l.d. *luce diretta* · direct light

l.i. *luce indiretta* · indirect light

.d1 *dimmerazione 1-10V* · 1-10V dimmable

.d2 *dimmerazione dali* · dimmable dali

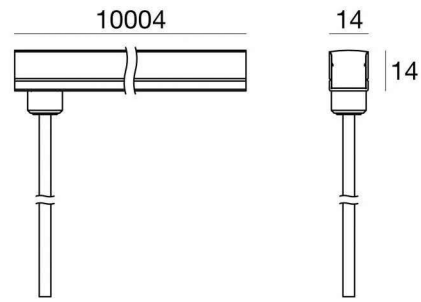
.SA *kit luce + emergenza sempre accese. attenzione: non è possibile installare nelle cassaforme laterizio*
light kit + permanently lit emergency lamp. please note: cannot be installed in brickwork housing

.SE *solo emergenza sempre accesa. attenzione: non è possibile installare nelle cassaforme laterizio*
permanently lit emergency lamp only. please note: cannot be installed in brickwork housing

peso netto · net weight (kg)

Sumergible - LED Strip | 1120 topLED 100 W DC 24 V
10 W/m | 1096.3 Lm/m | CRI >90





Datos técnicos	
Largo	10000 mm
Corte minimo	62.5 mm
Tipo	Superficie - -
Posición de instalación	Pared - Techo
Ambiente de instalación	Exteriores
Fuente de luz	LED
Circuit structure	topLED
Óptica	Difusa
Light emission direction	downward
Potencia nominal	100 W DC
Flujo luminoso (fuente)	10963 lm
Rango de voltaje de entrada	24V
CCT / Tone	3000 K
Índice de rendimientos cromático	>90 Ra
C.C. / C.V.	CV
Clase de aislamiento	3
IP	IP68
Restricciones de instalación	Solo bajo el agua
IK	IK07
Test del hilo incandescente	650°
Montaje directo sobre superficies normalmente inflamables	Sí
CE	Sí
ETL	Sí
Driver incluido.	No
Artículo regulable	DALI - 1-10V
Orientabilidad	No
Basculación	No
Practicabilidad	No
Transitabilidad	No
Cable incluido.	Sí
Largo del cable	10 m
Resinado	Sí
Tipología de emisión luminosa	Una emisión
Peso neto	2.73 Kg
Protección descargas electrostáticas	No
Protección contra sobretensiones	No

Acabado cuerpo	
Material	Tecnopolímero
Color	blanco

Acabado difusor	
Material	PU
Color	Ópalo

Electrónica



99331
On/Off Driver 198~264V AC / 180~275V DC 150 W (1 art.)



99332
1-10V Controller (1 art.)



99374
On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.)



83333
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E400002
Push and Simply Dim - DALI-2 Controller (1 - 2 art.)

Sumergible - LED Strip | 1120 topLED 100 W DC 24 V | 10 W/m | 1096.3 Lm/m | CRI >90

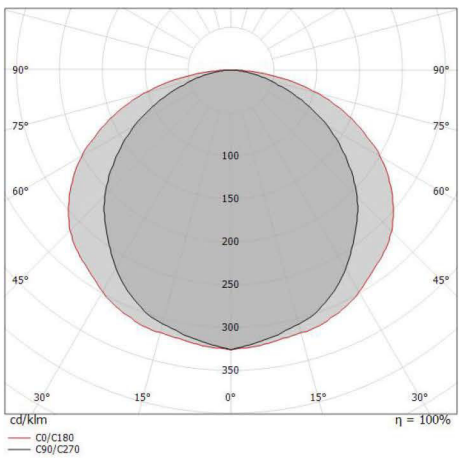
Single emission submerged or led strip for outdoor application. The warm white LED light source with a diffused light distribution topled LED with CCT of 3000 K and a CRI >90; the source luminous flux is 10963 lm, with a 109.6 lm/W nominal luminous efficacy.

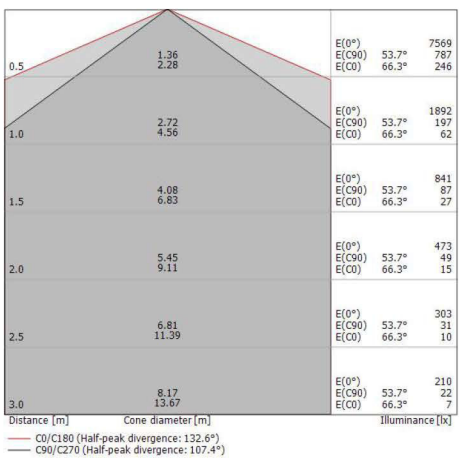
The device body is made of technopolymer and features a white finish; the diffuser is made of pu. The ingress protection degree is IP68; the total weight is of 2.73 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 100 W. The power supply cable is included and features a 10 m length.

The device features protection class III and can be wall lights or ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.





Clase de eficiencia energética
Este producto contiene 10 fuentes de luz de clase de eficiencia energética F.

Características Luminotécnicas	
Light Output Ratio (LOR)	52 %
Flujo luminoso (fuente)	10963 lm
Flujo luminoso de luminaria	5810 lm
Consumption	97 W
Rendimiento luminoso de las luminarias	59 lm/W
Temperatura de color	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Temperatura estándar del ambiente de servicio	-20 / +55°C

LED Life / Failure Ratio
L70 B20 C0 72500h

UGR	
UGR axial	20.3
UGR transversal	26
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Óptica C90/C270	107°
Óptica C0/C180	133°
Light distribution simmetry	Symmetrical 2 assis

Viabizzuno *progettiamo la luce*

Viabizzuno strada principale della frazione di bizzuno in provincia di ravenna dove tra la casa del popolo e la parrocchia, al n°17, sono nato il ventuno luglio millenovecentocinquantacinque. da qui nasce il nome della fabbrica di produzione fondata nel millenovecentonovantaquattro rappresentata da uno spazio bianco attraversato da due linee. una verticale, rigorosa, essenziale, equilibrata: la luce per la luce; ed una inclinata, irriverente nello spazio, ironica, fuori dagli schemi: la luce per la forma. distinte ma complementari si fondono in un unico nome: Viabizzuno. *marionanni*

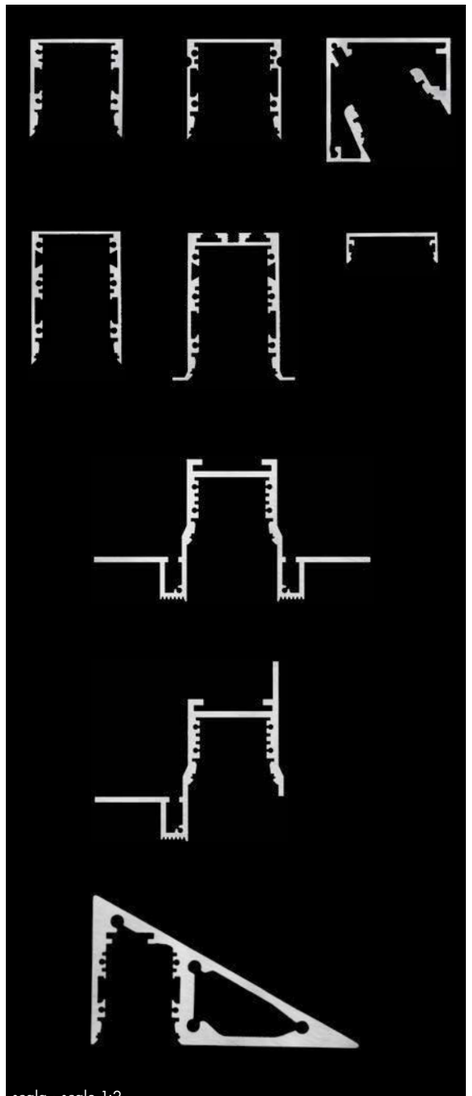
Viabizzuno is the name of the main road of the small village bizzuno located in the province of ravenna, where I was born on the twenty-first july nineteenfiftyfive at n°17, between the 'casa del popolo' and the local parish church. from here the name of the factory founded in nineteen ninety-four represented by a white space intersected by two lines. one vertical, well balanced, logical, essential: the light for the light. the other one dynamic, irreverent, ironic: the light for the form. separate and yet complementary they cast in the same name: Viabizzuno.

prodotto
product

schede tecniche
technical data sheet

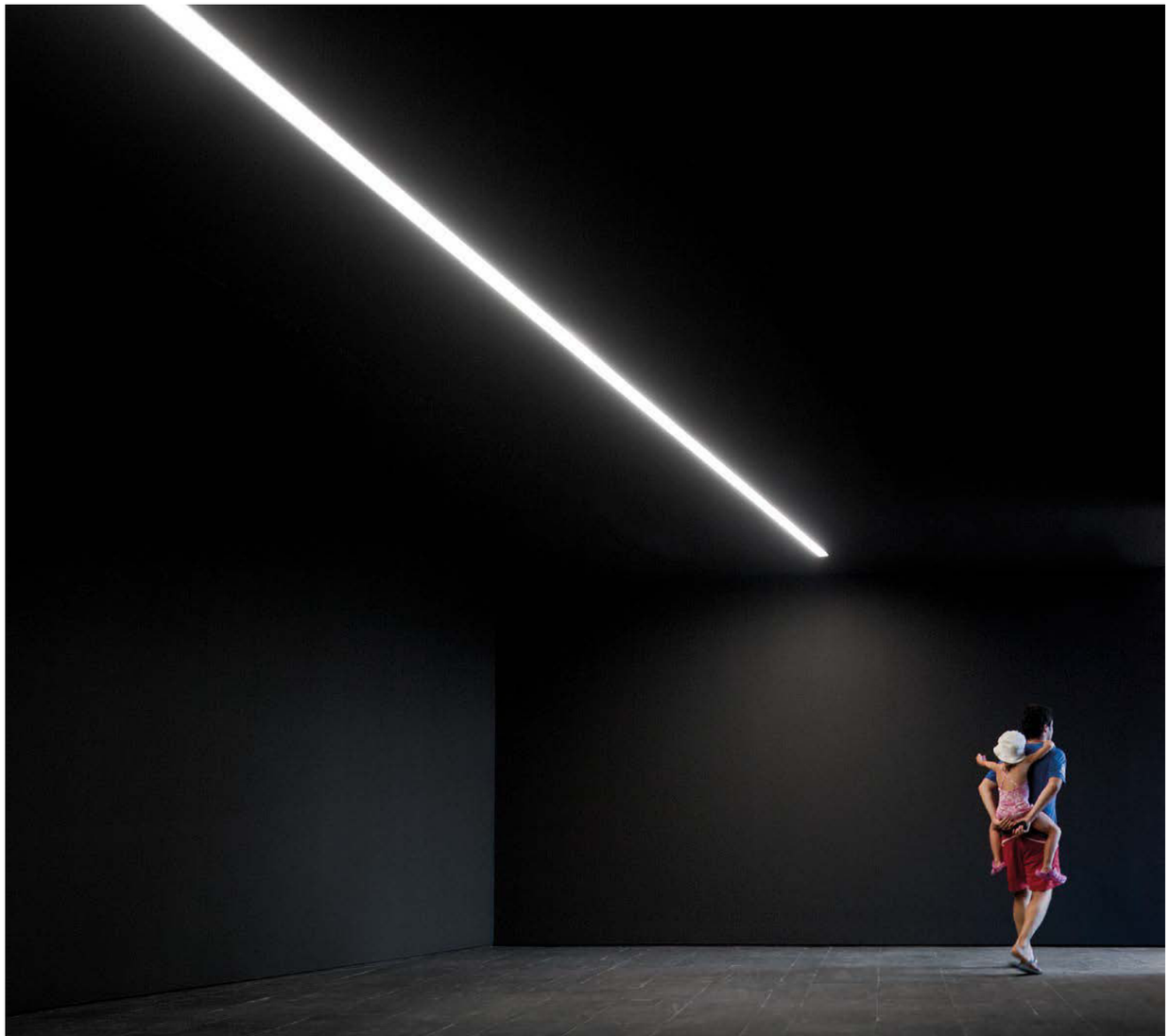
curve fotometriche
photometric curves

modelli 3d per i tuoi render
3d models for your render


scala · scale 1:2

sistema modulare per interni IP20 e per esterni IP67.
realizzato in alluminio estruso, ossidato e verniciato a polvere, disponibile nelle varianti configurate o da configurare a propria scelta.
modelli:
c2 30x32 parete soffitto,
ck 30x32,
c1 30x48 parete soffitto sospensione,
c1 40x48 incasso,
ca 42x42 parete soffitto,
c 16.64 di sezione 90x50mm,
css 92x48 scomparsa totale,
csr 60x68 scomparsa totale radente,
c3 10x30.
ogni profilo vuoto può essere tagliato alla lunghezza desiderata e si possono installare su di esso i seguenti kit di cablaggio elettrico: kit con sorgente elettronica lineare e diffusore in policarbonato satinato, kit con sorgente elettronica lineare e diffusore in policarbonato satinato h.5mm, kit con sorgente elettronica lineare e diffusore prismato, kit con sorgente elettronica lineare e lente ellittica in policarbonato, kit IP67 con sorgente elettronica lineare resinato, linea di luce con limitatore di corrente integrato, kit micromen 36,8x30x120mm cablato con sorgente elettronica 2700K e 3000K 2x1W fino a 2x90lm, kit vangogh 42x30x125mm cablato con sorgente elettronica 2700K e 3000K les6 2x2,2W fino a 2x214lm, kit trentotto diametro Ø38mm 60x250mm cablato con sorgente elettronica 2700K e 3000K 5,6W 19° e 41° fino a 544lm, kit ecomini diametro Ø55mm 69x250mm cablato con sorgente elettronica 2700K e 3000K 12,4W 13° e 12,7W 19° 36° 24Vdc con dimmer incluso; kit trasparenze 100 di dimensioni 30x250mm e kit trasparenze 250 di dimensioni 30x300mm.
tutti i kit elettrici sono alimentati in tensione costante 24Vdc, alimentatore escluso.
accessori: tappi di chiusura laterale, coperchio cieco c sistema, giunti lineari, pulsante, raccordi, agganci orientabili per sistemi integrati, alimentatore 240V/24Vdc, kit di sospensione, supporti sorgenti elettroniche e linee di luce.
finiture: profili, profili IP67, kit micromen, kit vangogh, kit trentotto, kit ecomini e supporto trasparenze argento opaco, bianco V e nero55, c2 30x32 IP67 grigio argento.

IP20 rated modular system for indoor use and IP67 rated for outdoor use.
made of powder and painted oxidised extruded aluminium, available in the configured version or to custom at user's discretion.
versions:
c2 30x32 wall and ceiling version,
ck 30x32,
c1 30x48 wall, ceiling and suspension version,
c1 40x48 recessed,
ca 42x42 wall and ceiling version,
c 16.64 with a 90x50mm section;
css 92x48 fully concealed version;
csr 60x68 fully concealed grazing version;
c3 10x30.
each hollow profile can be cutted to the desired length and is suitable to accommodate the following electrical wiring kits: kit with linear led source and frosted polycarbonate diffuser, kit with linear led source and h.5mm frosted polycarbonate diffuser, kit with linear led source and prismatic polycarbonate diffuser, kit with linear led source and polycarbonate elliptical lens, IP67 kit with resin linear led source, linea di luce with integrated current limiter, micromen spotlight kit 36.8x30x120mm wired with 2700K and 3000K 2x1W up to 2x90lm led source, vangogh spotlight kit 42x30x125mm wired with 2700K and 3000K les6 2x2,2W 2x214lm, trentotto spotlight kit diameter Ø38mm 60x250mm wired with 2700K and 3000K 5.6W 19° and 41° up to 544lm led source, ecomini spotlight kit with diameter Ø55mm 69x250mm wired with 2700K and 3000K 12.4W 13° and 12.7W 19° 31° 24Vdc led source with dimmer, trasparenze 100 kit 30x250mm and trasparenze 250 kit 30x300mm.
all the electrical kits are powered with 24Vdc constant voltage, power supply not included.
accessories: lateral end caps, c sistema blind lid, linear joints, push-button, various fittings, adjustable hooks for integrated systems, 240V/24Vdc power supply, suspension kit, led sources supports and linee di luce.
finishes: profiles, IP67 profiles, vangogh spotlight kit, trentotto kit, ecomini spotlight kit and trasparenze support matt silver, bianco V and nero55, c2 30x32 IP67 silver grey.



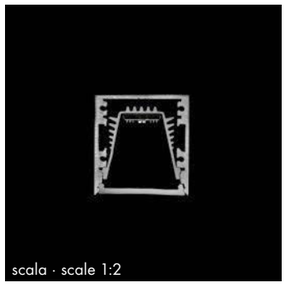
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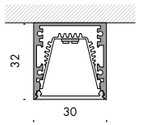
c sistema

	kit lineare diffusore satinato frosted diffuser	**kit lineare** diffusore satinato frosted diffuser5mm	**kit lineare** diffusore prismato prismatic diffuser	**kit lineare** lente ellittica elliptical lens	**kit lineare** diffusore resinato IP67 resin diffuser	**linea di luce**	**kit micromen**	**kit vangogh**	**kit trentotto**	**kit ecomini**	**kit trasparenze**
c2 30x32, ck 30x32 marionanni	●		●	●	●	●	●	●	●	●	●
c1 30x48 marionanni	●		●	●	●	●	●	●	●	●	●
c1 40x48 marionanni	●		●	●	●	●	●	●	●	●	●
ca 42x42 marionanni	●		●	●	●	●	●	●	●	●	
c 16.64 vittorio longheu	●		●	●	●	●	●	●	●	●	
css 92x48 marionanni		●		●		●					
csr 60x68 marionanni		●		●		●					
c3 10x30 marionanni						●					



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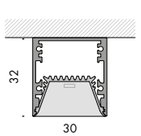




c2 30x32		24Vdc	IP20			
Vb6.194.22	argento opaco · matt silver	3000K	14,7W	600mm	0,7
Vb6.194.22.1	bianco V	3000K	14,7W	600mm	0,7
Vb6.194.23	argento opaco · matt silver	3000K	22,5W	900mm	1
Vb6.194.23.1	bianco V	3000K	22,5W	900mm	1
Vb6.194.24	argento opaco · matt silver	3000K	30,3W	1200mm	1,3
Vb6.194.24.1	bianco V	3000K	30,3W	1200mm	1,3
Vb6.194.25	argento opaco · matt silver	3000K	38,1W	1500mm	1,6
Vb6.194.25.1	bianco V	3000K	38,1W	1500mm	1,6

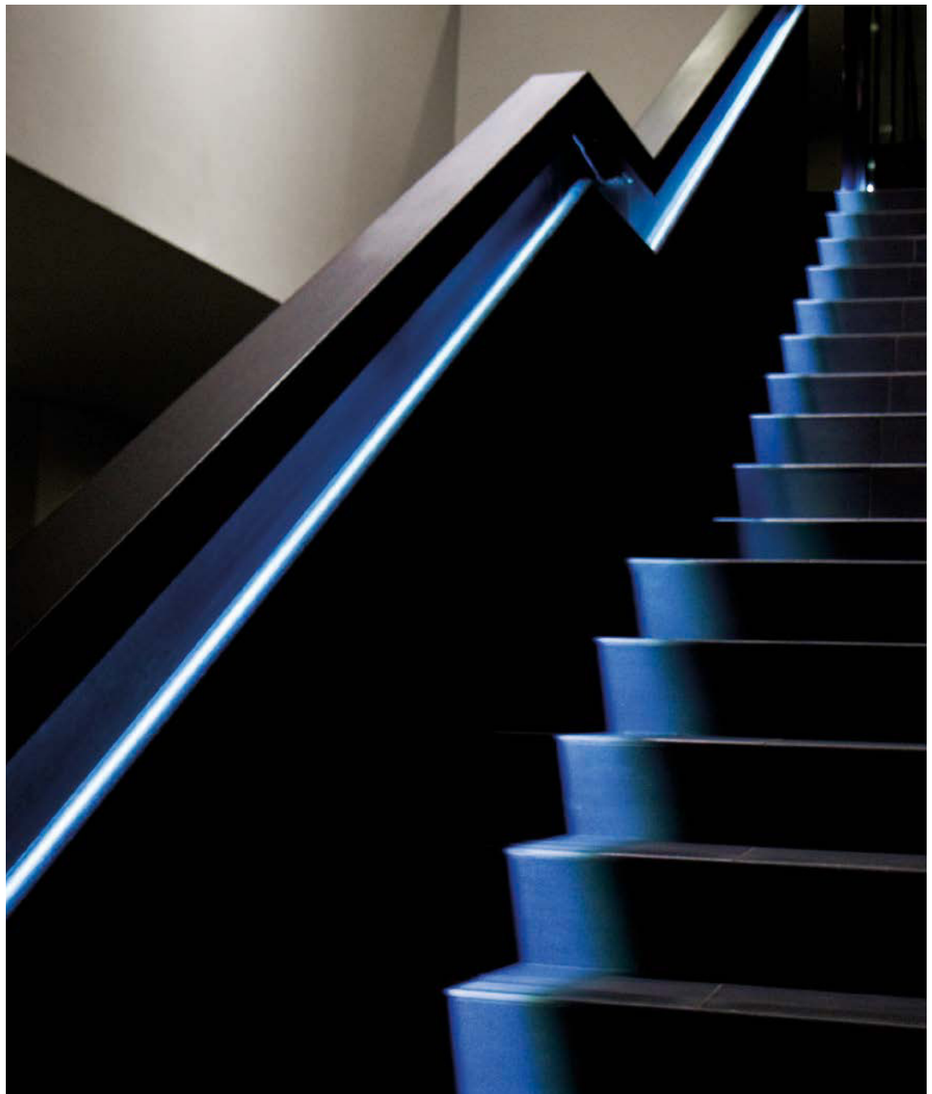
Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	24	2500	26	96
V3001	11	Ta25 °C		vita media · average life		50000 h	L80	B10





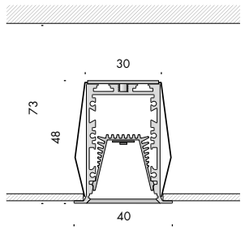
c2 30x32		24Vdc	IK10	IP67			
f6.194.41.2	grigio argento · silver grey	3000K	7W	513mm	0,8
f6.194.42.2	grigio argento · silver grey	3000K	13W	1013mm	1,5
f6.194.43.2	grigio argento · silver grey	3000K	26W	2013mm	3
f6.194.44.2	grigio argento · silver grey	3000K	39W	3013mm	4,5

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W
95	Rf 90	Rg 100	step 3	24	1214	12,75	95
y33900613f	10	Ta25 °C	vita media · average life		50000 h	L80	B10



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scala · scale 1:2

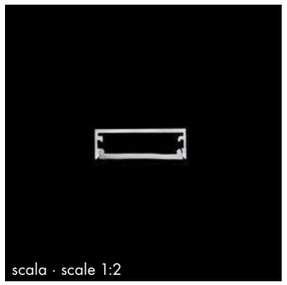


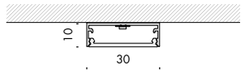
c1 40x48		24Vdc		IP20		
Vb6.193.22	argento opaco · matt silver	3000K	14,7W	600mm	0,7
Vb6.193.22.1	bianco V	3000K	14,7W	600mm	0,7
Vb6.193.23	argento opaco · matt silver	3000K	22,5W	900mm	1
Vb6.193.23.1	bianco V	3000K	22,5W	900mm	1
Vb6.193.24	argento opaco · matt silver	3000K	30,3W	1200mm	1,3
Vb6.193.24.1	bianco V	3000K	30,3W	1200mm	1,3
Vb6.193.25	argento opaco · matt silver	3000K	38,1W	1500mm	1,6
Vb6.193.25.1	bianco V	3000K	38,1W	1500mm	1,6

Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	24	2500	26	96
V3001	11	Ta25 °C		vita media · average life		50000 h	L80	B10



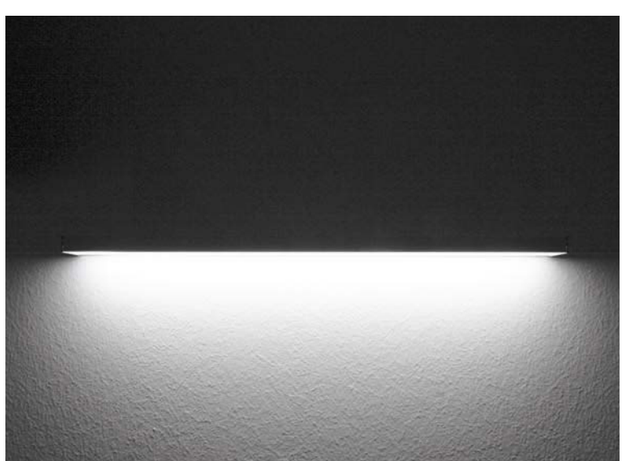
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c3 10x30		24Vdc		IP20			
f6.209.06	argento opaco · matt silver	3000K	7,8W	620mm	0,7
f6.209.06.1	bianco V	3000K	7,8W	620mm	0,7
f6.209.09	argento opaco · matt silver	3000K	11,7W	920mm	1
f6.209.09.1	bianco V	3000K	11,7W	920mm	1
f6.209.12	argento opaco · matt silver	3000K	15,6W	1220mm	1,3
f6.209.12.1	bianco V	3000K	15,6W	1220mm	1,3
f6.209.15	argento opaco · matt silver	3000K	19,5W	1520mm	1,6
f6.209.15.1	bianco V	3000K	19,5W	1520mm	1,6

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	24	1250	13	96
V0001	5,9	Ta25 °C		vita media · average life		50000 h	L80	B10

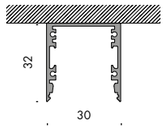




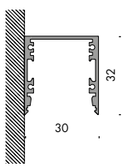
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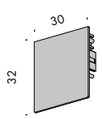




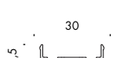
c2 30x32				
Vb6.194.61	argento opaco · matt silver	3000mm		2,3
Vb6.194.62.1	bianco V	3000mm		2,3
Vb6.194.65	nero55	3000mm		2,3



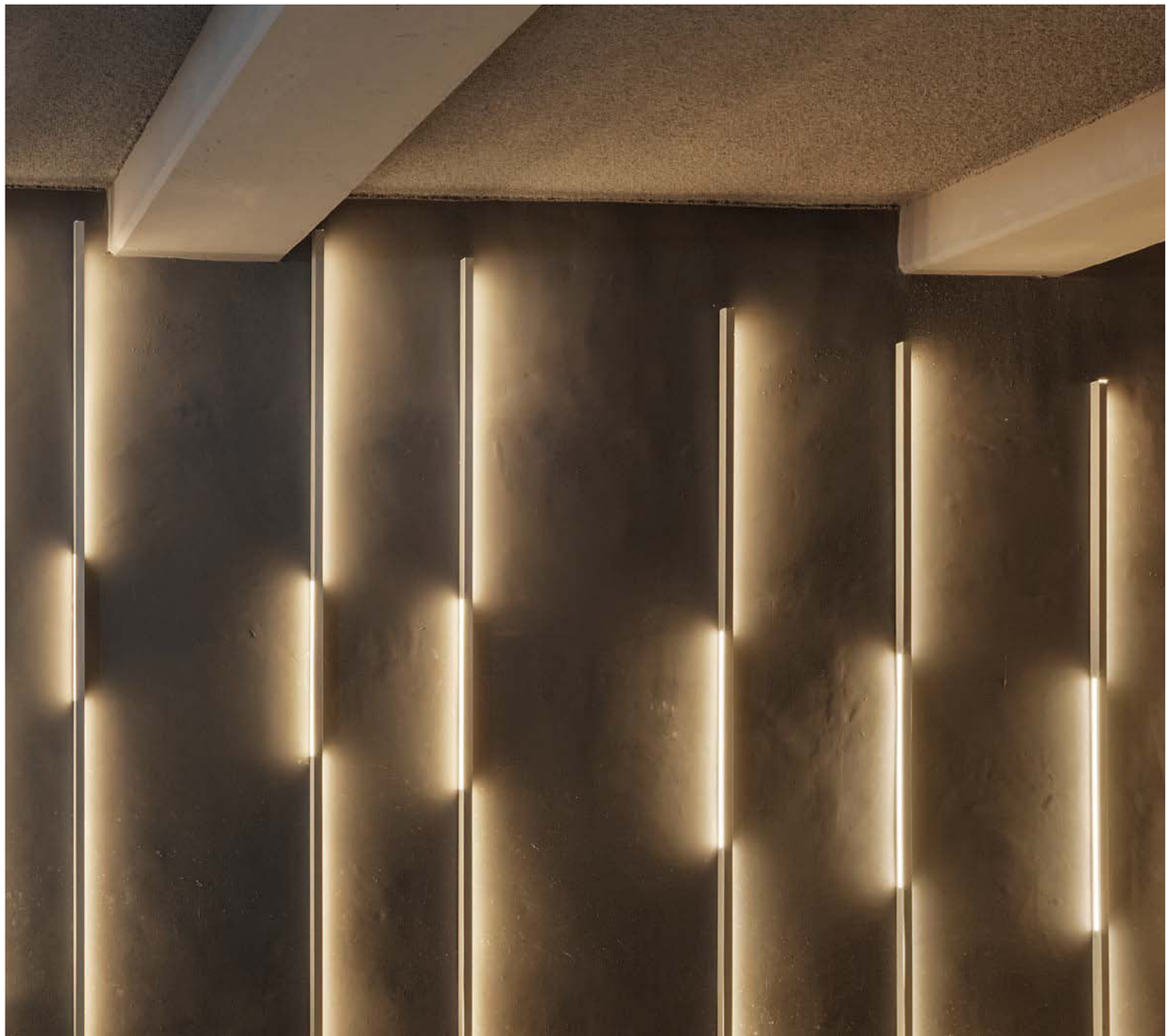
c2 30x32 radente				
Vb6.194.71	argento opaco · matt silver	3000mm		2,3
Vb6.194.72	bianco V	3000mm		2,3
Vb6.194.75	nero55	3000mm		2,3



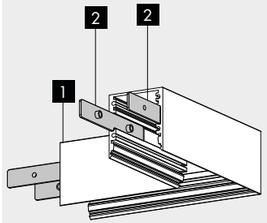
tappi terminali. end caps.			
f9.194.81	argento opaco · matt silver	2 pz · pcs	0,1
f9.194.82	bianco V	2 pz · pcs	0,1
f9.130.89	nero55	2 pz · pcs	0,1

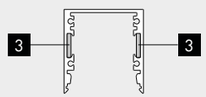


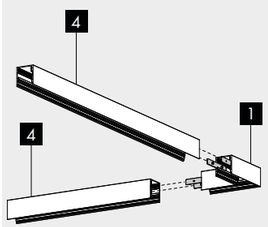
coperchi. covers.			
Vb9.194.03	argento opaco · matt silver	3000mm	2,3
Vb9.194.04	bianco V	3000mm	2,3
Vb9.194.05	nero55	3000mm	2,3



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1 raccordo L
L coupler

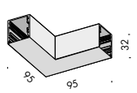
2 giunti lineari
linear joints

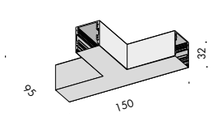
3 gola per giunti lineari
groove for linear joints

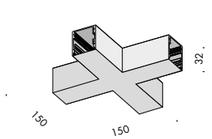
4 c2 30x32











giunti. joints.

f9.131.01	lineari acciaio inox + grani stainless steel linear + grub screws	2 pz · pcs	0,1

accessori. accessories.

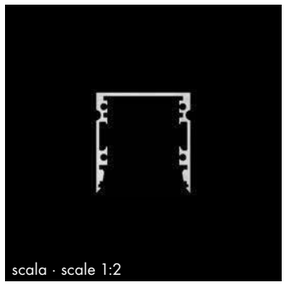
f9.131.02	pulsante · switch	0,02

raccordi. couplers.

f9.130.82	raccordo L · L coupler	argento opaco · matt silver	0,2
f9.130.92	raccordo L · L coupler	bianco V	0,2
f9.130.86	raccordo L · L coupler	nero55	0,2
f9.130.83	raccordo T · T coupler	argento opaco · matt silver	0,2
f9.130.93	raccordo T · T coupler	bianco V	0,2
f9.130.87	raccordo T · T coupler	nero55	0,2
f9.130.84	raccordo + · + coupler	argento opaco · matt silver	0,3
f9.130.94	raccordo + · + coupler	bianco V	0,3
f9.130.88	raccordo + · + coupler	nero55	0,3



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kit lineare
diffusore satinato
frosted diffuser

kit lineare
diffusore prismato
prismatic diffuser

kit lineare
lente ellittica
elliptic lens

kit lineare
diffusore resinato IP67
resin diffuser

linea di luce

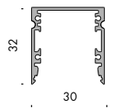
kit micromen

kit vangogh

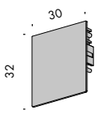
kit trentotto

kit ecomini

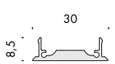
kit trasparenze



ck 30x32				
Vb6.194.81	argento opaco · matt silver	3000mm		2,3
Vb6.194.82	bianco V	3000mm		2,3
Vb6.194.85	nero55	3000mm		2,3



tappi terminali. end caps.			
f9.194.81	argento opaco · matt silver	2 pz · pcs	0,1
f9.194.82	bianco V	2 pz · pcs	0,1
f9.130.89	nero55	2 pz · pcs	0,1



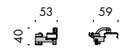
coperchi. covers.			
Vb9.194.03	argento opaco · matt silver	3000mm	2,3
Vb9.194.04	bianco V	3000mm	2,3
Vb9.194.05	nero55	3000mm	2,3



giunti. joints.			
f9.131.01	lineari acciaio inox + grani stainless steel linear + grub screws	2 pz · pcs	0,1



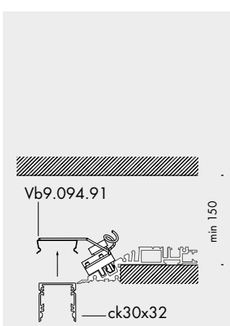
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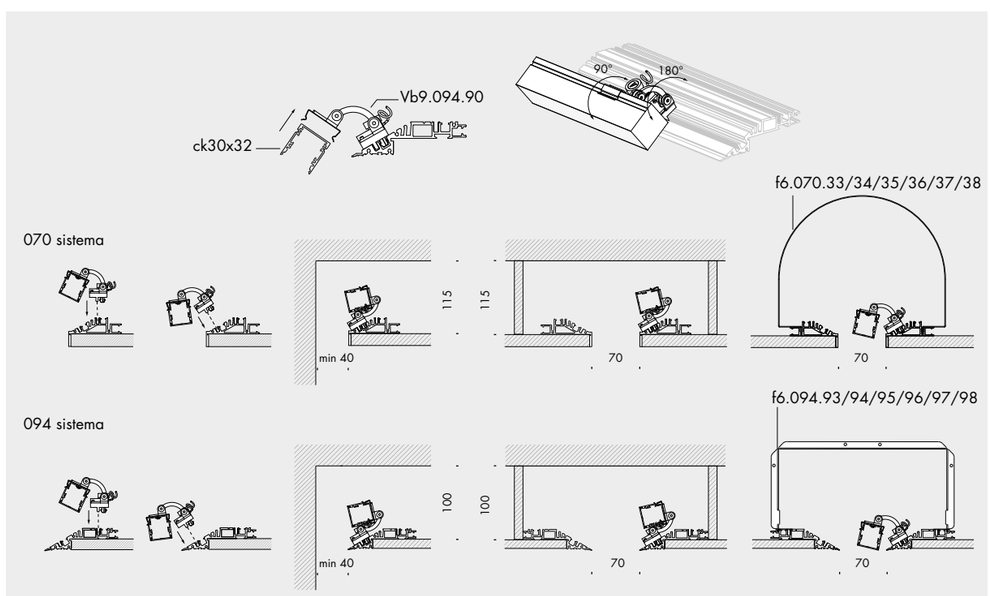


kit agganci 094/070. hooks kit.			
Vb9.094.90	agganci orientabili · adjustable hooks	2 pz · pcs	0,1



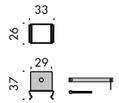
Vb9.094.91	agganci fissi · fixed hooks	2 pz · pcs	0,1



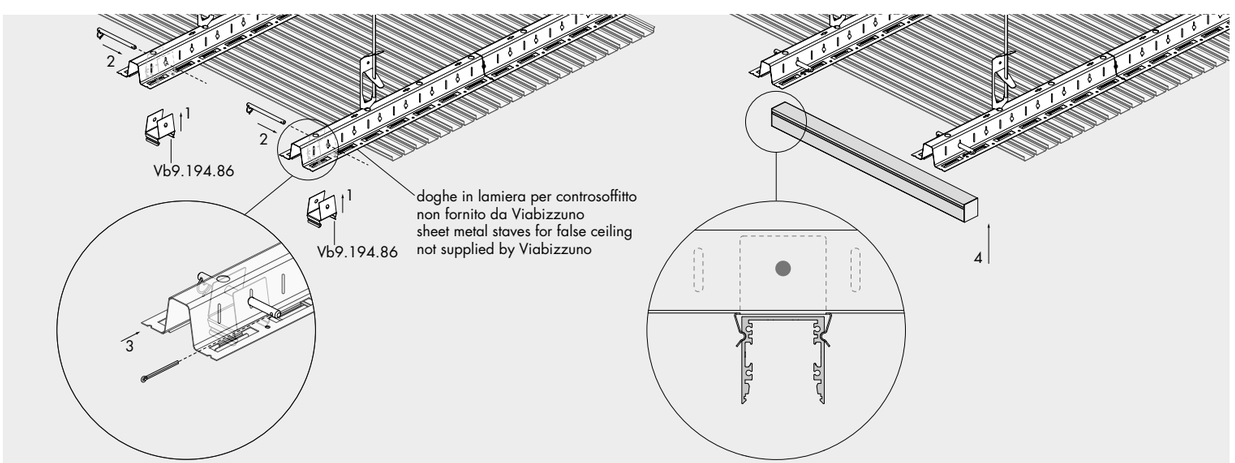




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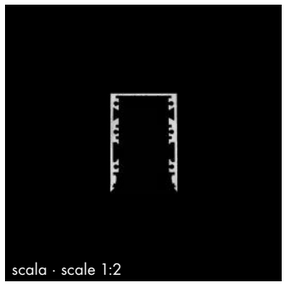


kit agganci. hooks kit.			
Vb9.194.86	agganci fissi per controsoffitto di doghe in lamiera fixed hooks for sheet metal false ceiling	2 pz · pcs	0,1





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kit lineare
diffusore satinato
frosted diffuser

kit lineare
diffusore prismato
prismatic diffuser

kit lineare
lente ellittica
elliptic lens

kit lineare
diffusore resinato IP67
resin diffuser

linea di luce

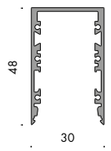
kit micromen

kit vangogh

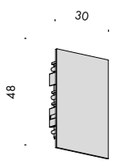
kit trentotto

kit ecomini

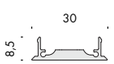
kit trasparenze



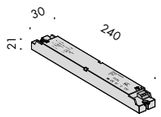
c1 30x48				
Vb6.194.91	argento opaco · matt silver	3000mm		2,3
Vb6.194.92	bianco V	3000mm		2,3
Vb6.194.95	nero55	3000mm		2,3



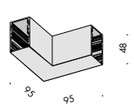
tappi terminali. end caps.			
f9.521.81	argento opaco · matt silver	2 pz · pcs	0,1
f9.521.83	bianco V	2 pz · pcs	0,1
f9.521.82	nero55	2 pz · pcs	0,1



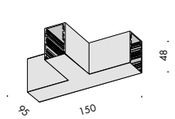
coperchi. covers.			
Vb9.194.03	argento opaco · matt silver	3000mm	2,3
Vb9.194.04	bianco V	3000mm	2,3
Vb9.194.05	nero55	3000mm	2,3



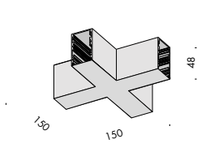
alimentatori. power supplies.	**240V 50-60Hz**	**IP20**		
t4.215	24Vdc		60W	0,1



raccordi. couplers.		
f9.521.01	raccordo L argento opaco · matt silver L coupler	0,2
f9.521.03	raccordo L bianco V · L coupler	0,2
f9.521.04	raccordo L nero55 · L coupler	0,2



f9.521.06	raccordo T argento opaco · matt silver T coupler	0,2
f9.521.07	raccordo T bianco V · T coupler	0,2
f9.521.08	raccordo T nero55 · T coupler	0,2



f9.521.11	raccordo + argento opaco · matt silver + coupler	0,3
f9.521.12	raccordo + bianco V · + coupler	0,3
f9.521.13	raccordo + nero55 · + coupler	0,3

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giunti. joints.

f9.131.01	lineari acciaio inox + grani stainless steel linear + grub screws		2 pz · pcs	0,1



accessori. accessories.

f9.131.02	pulsante · switch			0,02

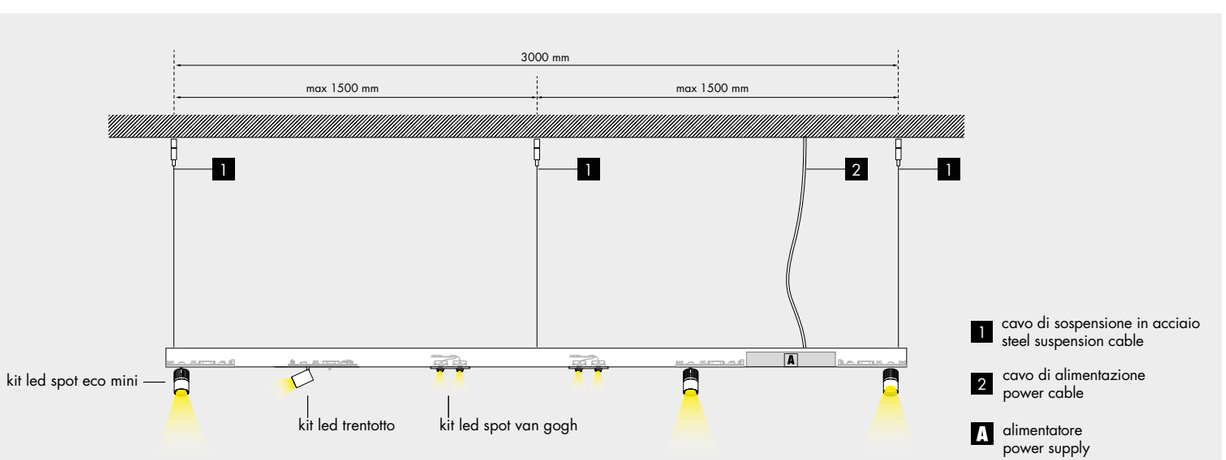


kit sospensione. suspension kit.

Vb9.194.07	cavo sospensione suspension cable	3000mm	1 pz · pcs	0,1

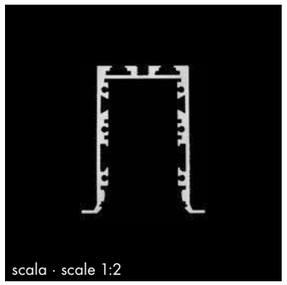


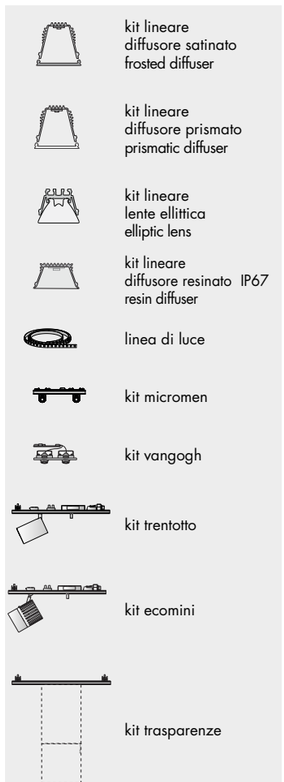
Vb9.194.08	cavo elettrico trasparente transparent electric cable	3x0,75mm²	10000mm	0,5

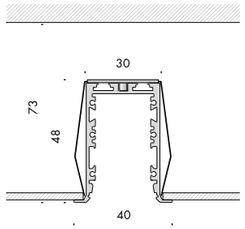




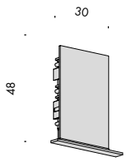
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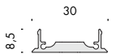




c1 40x48				
Vb6.194.101	argento opaco · matt silver	3000mm		2,3
Vb6.194.102	bianco V	3000mm		2,3
Vb6.194.105	nero55	3000mm		2,3



tappi terminali. end caps.			
f9.129.81	argento opaco · matt silver	2 pz · pcs	0,1
f9.129.95	bianco V	2 pz · pcs	0,1
f9.129.97	nero55	2 pz · pcs	0,1

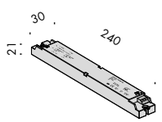


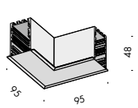
coperchi. covers.			
Vb9.194.03	argento opaco · matt silver	3000mm	2,3
Vb9.194.04	bianco V	3000mm	2,3
Vb9.194.05	nero55	3000mm	2,3

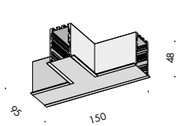


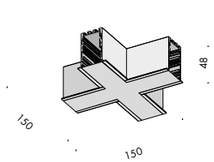










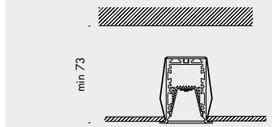


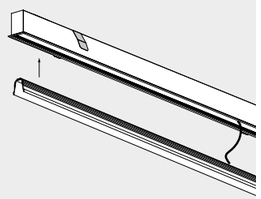
giunti. joints.			
f9.131.01	lineari acciaio inox + grani stainless steel linear + grub screws	2 pz · pcs	0,1

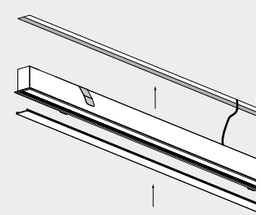
accessori. accessories.		
f9.131.02	pulsante · switch	0,02
f9.129.96	molle per incasso · recess springs	2 pz · pcs 0,6

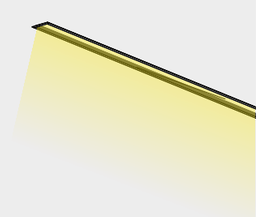
alimentatori. power supplies.	**240V 50-60Hz**	**IP20**	
t4.215	24Vdc	60W	0,1

raccordi. couplers.		
f9.129.82	raccordo L argento opaco · matt silver L coupler	0,2
f9.129.92	raccordo L bianco V · L coupler	0,2
f9.129.102	raccordo L nero55 · L coupler	0,2
f9.129.83	raccordo T argento opaco · matt silver T coupler	0,2
f9.129.93	raccordo T bianco V · T coupler	0,2
f9.129.103	raccordo T nero55 · T coupler	0,2
f9.129.84	raccordo + argento opaco · matt silver + coupler	0,3
f9.129.94	raccordo + bianco V · + coupler	0,3
f9.129.104	raccordo + nero55 · + coupler	0,3

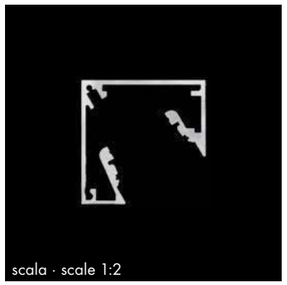








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scala · scale 1:2



kit lineare
diffusore satinato
frosted diffuser



kit lineare
diffusore prismato
prismatic diffuser



kit lineare
lente ellittica
elliptic lens



kit lineare
diffusore resinato IP67
resin diffuser



linea di luce



kit micromen



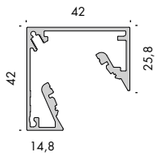
kit vangogh



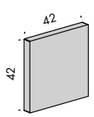
kit trentotto



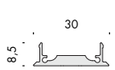
kit ecomini



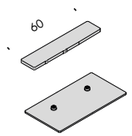
ca 42x42					
Vb6.194.111	argento opaco · matt silver	3000mm			2,3
Vb6.194.112	bianco V	3000mm			2,3
Vb6.194.115	nero55	3000mm			2,3



tappi terminali. end caps.			
Vb9.194.11	argento opaco · matt silver	2 pz · pcs	0,1
Vb9.194.12	bianco V	2 pz · pcs	0,1
Vb9.194.15	nero55	2 pz · pcs	0,1



coperchi. covers.			
Vb9.194.03	argento opaco · matt silver	3000mm	2,3
Vb9.194.04	bianco V	3000mm	2,3
Vb9.194.05	nero55	3000mm	2,3



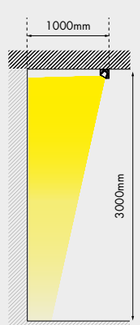
giunti. joints.			
Vb9.194.17	lineari acciaio inox + grani stainless steel linear + grub screws	2 pz · pcs	0,1

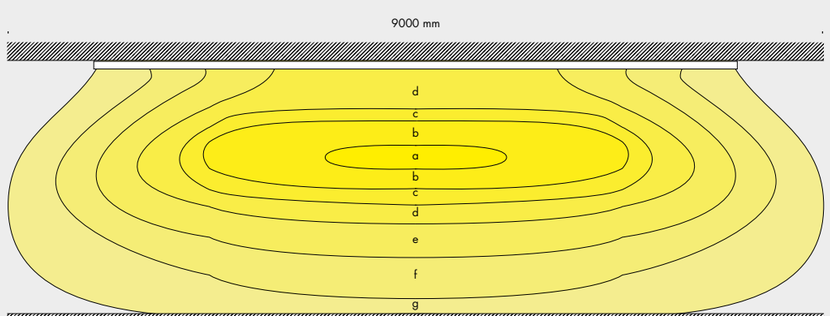


accessori. accessories.		
f9.131.02	pulsante · switch	0,02

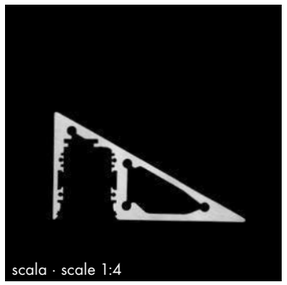
ca 42x42
valori lux ricavati considerando le seguenti distanze:
lux values obtained by considering the following distances:

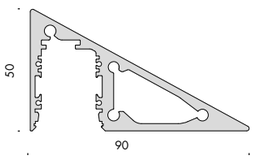
a 380 lux
b 320 lux
c 280 lux
d 240 lux
e 200 lux
f 160 lux
g 120 lux



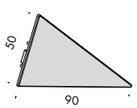


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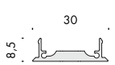




c 16.64				
Vb6.194.121	argento opaco · matt silver	3000mm		2,3
Vb6.194.122	bianco V	3000mm		2,3
Vb6.194.125	nero55	3000mm		2,3



tappi terminali. end caps.			
f9.090.94	argento opaco · matt silver	2 pz · pcs	0,1
f9.090.91	bianco V	2 pz · pcs	0,1
f9.090.95	nero55	2 pz · pcs	0,1



coperchi. covers.			
Vb9.194.03	argento opaco · matt silver	3000mm	2,3
Vb9.194.04	bianco V	3000mm	2,3
Vb9.194.05	nero55	3000mm	2,3



giunti. joints.			
f9.090.93	lineari acciaio inox + grani stainless steel linear + grub screws	2 pz · pcs	0,2


kit lineare
diffusore satinato
frosted diffuser


kit lineare
diffusore prismato
prismatic diffuser


kit lineare
lente ellittica
elliptic lens


kit lineare
diffusore resinato IP67
resin diffuser


linea di luce

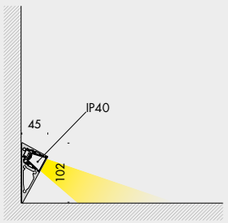

kit micromen


kit vangogh

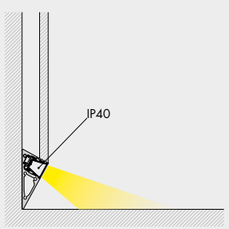

kit trentotto


kit ecomini

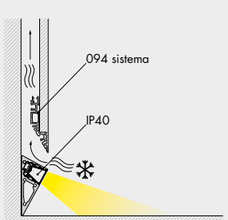
installazione a parete
wall mounting

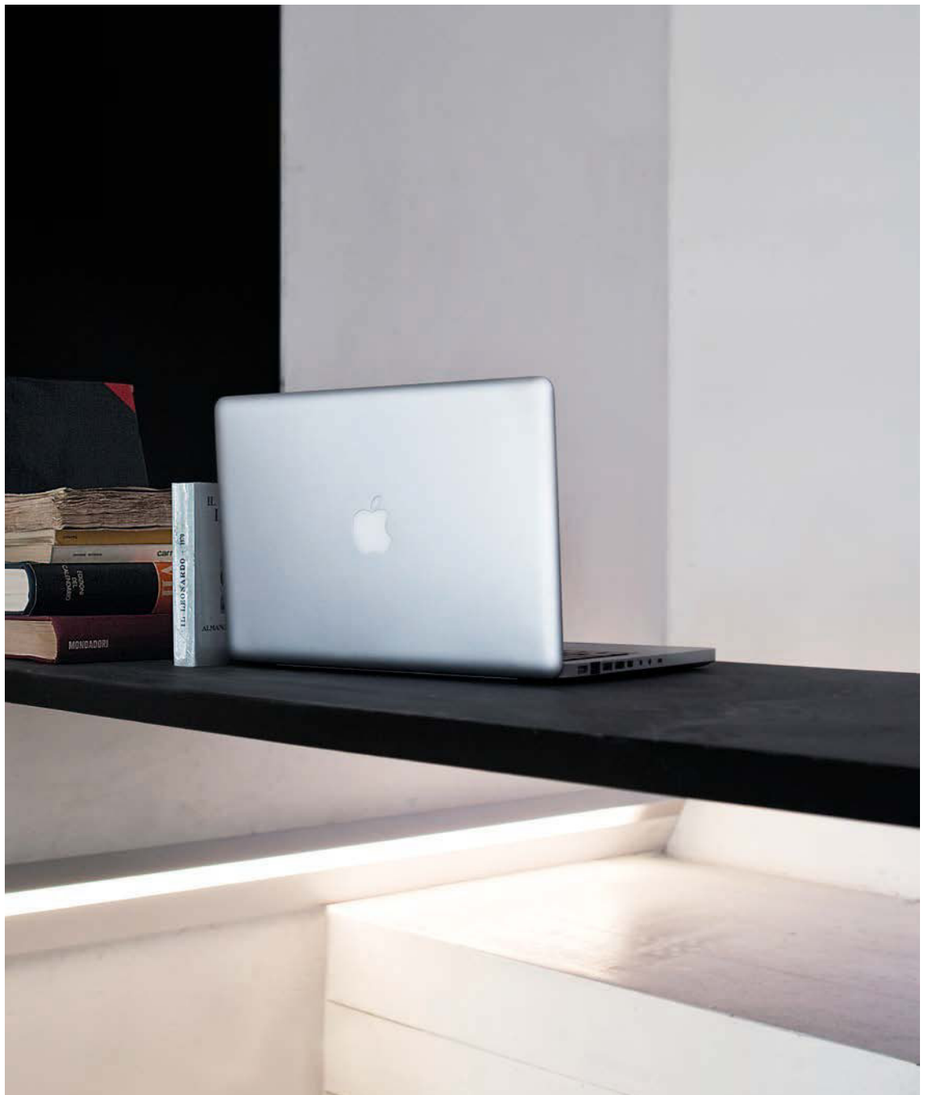


installazione ad incasso
recessed installation

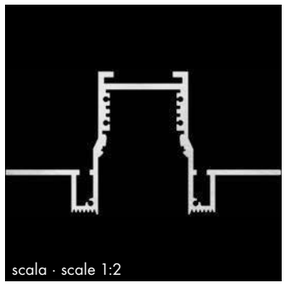


installazione ad incasso
con possibilità di ripresa aria
condizionata
recessed installation with the
possibility of air conditioning intake





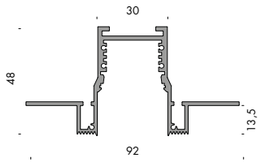
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kit lineare
diffusore satinato
frosted diffuser h.5mm

kit lineare
lente ellittica
elliptic lens

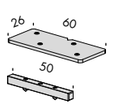
linea di luce

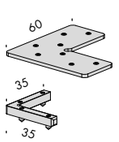


css 92x48				
Vb6.194.131	argento opaco · matt silver	3000mm		2,3
Vb6.194.132	bianco V	3000mm		2,3
Vb6.194.135	nero55	3000mm		2,3

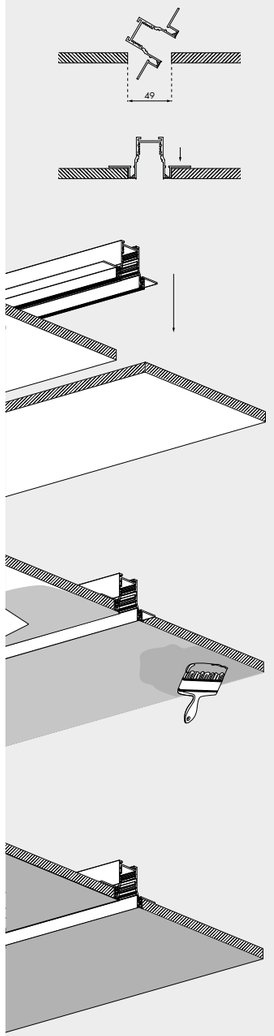


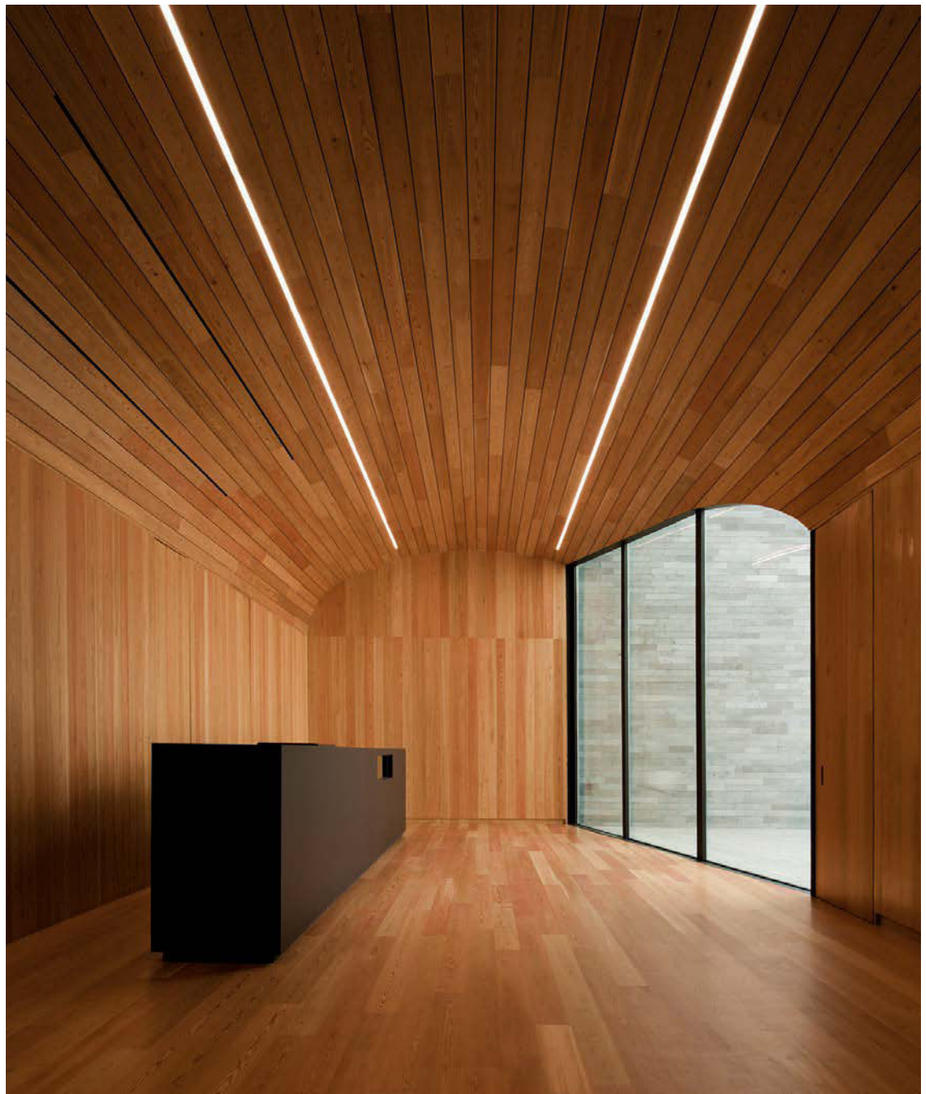
tappi terminali. end caps.			
Vb9.194.21	argento opaco · matt silver	2 pz · pcs	0,1
Vb9.194.22	bianco V	2 pz · pcs	0,1
Vb9.194.27	nero55	2 pz · pcs	0,1



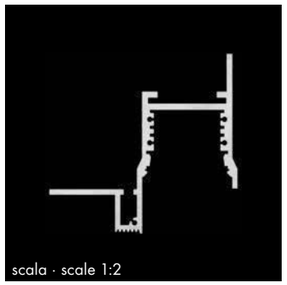


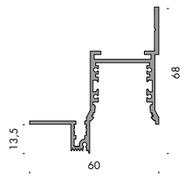
giunti. joints.		
Vb9.194.25	lineare acciaio inox + grani stainless steel linear + grub screws	0,1
Vb9.194.29	angolare acciaio inox + grani stainless steel angle + grub screws	0,1





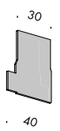
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csr 60x68				
Vb6.194.141	argento opaco · matt silver	3000mm		2,3
Vb6.194.142	bianco V	3000mm		2,3
Vb6.194.145	nero55	3000mm		2,3

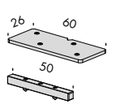
linea di luce

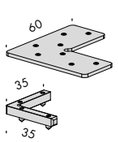


kit lineare
diffusore satinato
frosted diffuser h.5mm

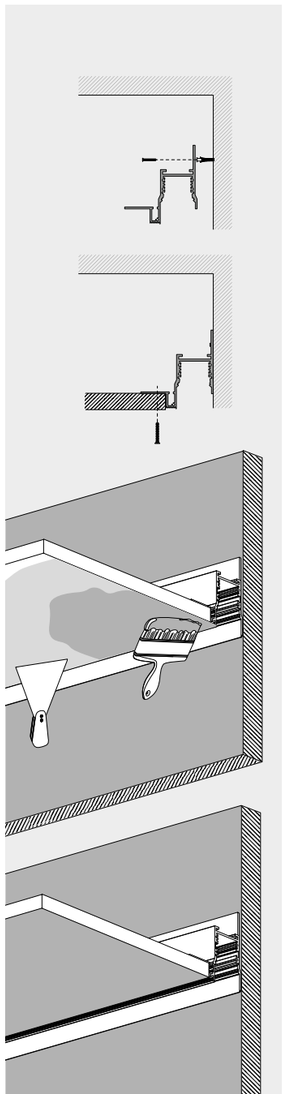
kit lineare
lente ellittica
elliptic lens

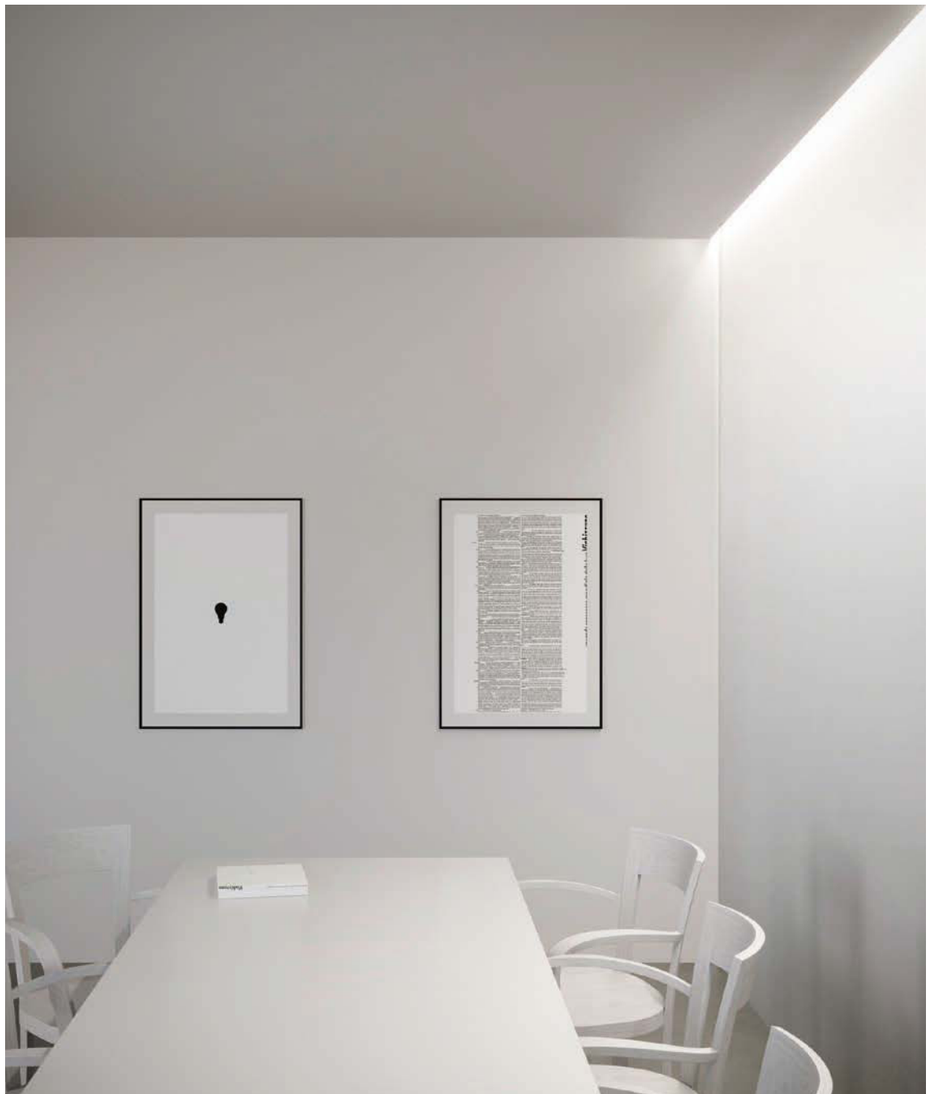
tappi terminali. end caps.				
Vb9.194.31	argento opaco · matt silver	2 pz · pcs		0,1
Vb9.194.32	bianco V	2 pz · pcs		0,1
Vb9.194.35	nero55	2 pz · pcs		0,1



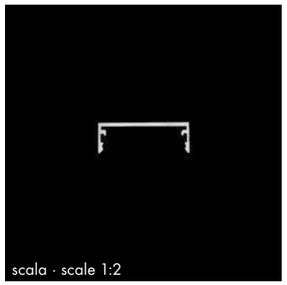


giunti. joints.				
Vb9.194.25	lineare acciaio inox + grani stainless steel linear + grub screws			0,1
Vb9.194.29	angolare acciaio inox + grani stainless steel angle + grub screws			0,1

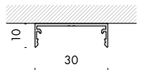




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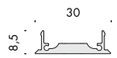
linea di luce



c3 10x30				
Vb6.194.151	argento opaco · matt silver	3000mm		2,3
Vb6.194.152	bianco V	3000mm		2,3
Vb6.194.155	nero55	3000mm		2,3



giunti. joints.			
f9.209.90	lineari acciaio inox + grani stainless steel linear + grub screws	2 pz · pcs	0,1



coperchi. covers.			
Vb9.194.03	argento opaco · matt silver	3000mm	2,3
Vb9.194.04	bianco V	3000mm	2,3
Vb9.194.05	nero55	3000mm	2,3



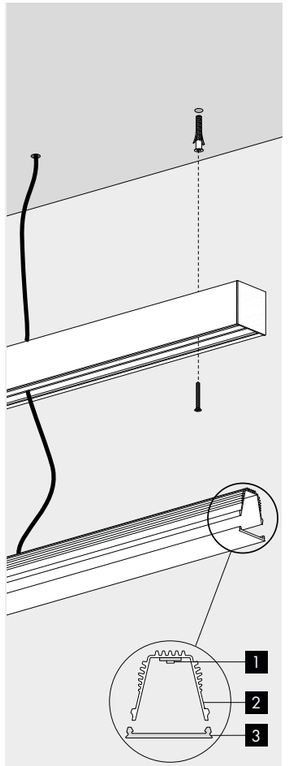
diffusori. diffusers.			
Vb9.194.41	policarbonato satinato frosted polycarboate	3000mm	0,1
Vb9.194.42	policarbonato prismato prismatic polycarboate	3000mm	0,1



tappi terminali. end caps.			
f9.209.98	argento opaco · matt silver	2 pz · pcs	0,1
f9.209.99	bianco V	2 pz · pcs	0,1
f9.209.100	nero55	2 pz · pcs	0,1



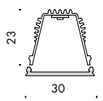
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1 linea di luce

2 supporto per sorgente elettronica
led source support

3 diffusore
diffuser

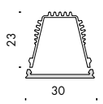


kit lineare satinato frosted	24Vdc		IP20				
Vb9.194.152.27	2700K			15,6W	598mm	0,5	
Vb9.194.153.27	2700K			23,4W	898mm	0,7	
Vb9.194.154.27	2700K			31,2W	1198mm	1	
Vb9.194.155.27	2700K			39W	1498mm	1,2	
Vb9.194.156.27	2700K			78W	2998mm	2,3	

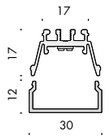
Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W
95	90	Rf 90	Rg 98	step 2	24	2400	26	92
V3000	11	Ta25 °C		vita media · average life		50000 h	L80	B10

Vb9.194.152.30	3000K			15,6W	598mm	0,5	
Vb9.194.153.30	3000K			23,4W	898mm	0,7	
Vb9.194.154.30	3000K			31,2W	1198mm	1	
Vb9.194.155.30	3000K			39W	1498mm	1,2	
Vb9.194.156.30	3000K			78W	2998mm	2,3	

Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	24	2500	26	96
V3001	11	Ta25 °C		vita media · average life		50000 h	L80	B10



supporto per sorgente elettronica. led source support.			
Vb9.194.150	alluminio ossidato argento con diffusore satinato silver oxidate aluminium with frosted diffuser	3000mm	0,6

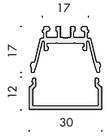


kit lineare satinato frosted 5mm	24Vdc		IP20				
Vb9.194.172.27	kit led css 92x48/csr 60x68	2700K		15,6W	598mm	0,5	
Vb9.194.173.27	kit led css 92x48/csr 60x68	2700K		23,4W	898mm	0,7	
Vb9.194.174.27	kit led css 92x48/csr 60x68	2700K		31,2W	1198mm	1	
Vb9.194.175.27	kit led css 92x48/csr 60x68	2700K		39W	1498mm	1,2	
Vb9.194.176.27	kit led css 92x48/csr 60x68	2700K		78W	2998mm	2,3	

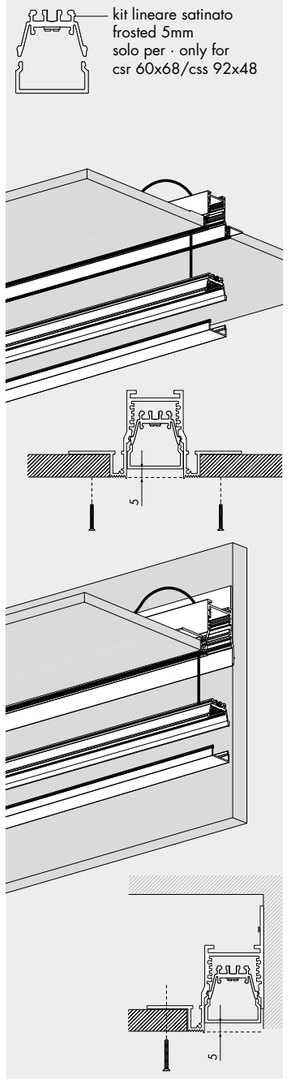
Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W
95	90	Rf 90	Rg 98	step 2	24	2400	26	92
V3000	11	Ta25 °C		vita media · average life		50000 h	L80	B10

Vb9.194.172.30	kit led css 92x48/csr 60x68	3000K		15,6W	598mm	0,5	
Vb9.194.173.30	kit led css 92x48/csr 60x68	3000K		23,4W	898mm	0,7	
Vb9.194.174.30	kit led css 92x48/csr 60x68	3000K		31,2W	1198mm	1	
Vb9.194.175.30	kit led css 92x48/csr 60x68	3000K		39W	1498mm	1,2	
Vb9.194.176.30	kit led css 92x48/csr 60x68	3000K		78W	2998mm	2,3	

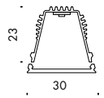
Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	24	2500	26	96
V3001	11	Ta25 °C		vita media · average life		50000 h	L80	B10



supporto per sorgente elettronica. led source support.			
Vb9.194.170	alluminio ossidato argento con diffusore satinato 5mm silver oxidate aluminium with 5mm frosted diffuser	3000mm	0,6



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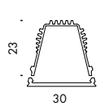


kit lineare prismato prismatic	24Vdc	IP20			
Vb9.194.162.27	2700K		15,6W	598mm	0,5
Vb9.194.163.27	2700K		23,4W	898mm	0,7
Vb9.194.164.27	2700K		31,2W	1198mm	1
Vb9.194.165.27	2700K		39W	1498mm	1,2
Vb9.194.166.27	2700K		78W	2998mm	2,3

Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W
95	90	Rf 90	Rg 98	step 2	24	2400	26	92
V3000	11	Ta25 °C		vita media · average life		50000 h	L80	B10

Vb9.194.162.30	3000K		15,6W	598mm	0,5
Vb9.194.163.30	3000K		23,4W	898mm	0,7
Vb9.194.164.30	3000K		31,2W	1198mm	1
Vb9.194.165.30	3000K		39W	1498mm	1,2
Vb9.194.166.30	3000K		78W	2998mm	2,3

Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	24	2500	26	96
V3001	11	Ta25 °C		vita media · average life		50000 h	L80	B10

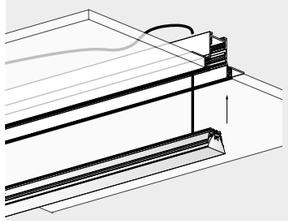


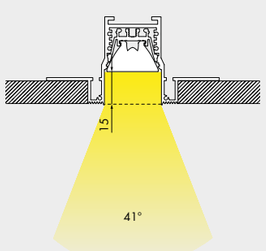
supporto per sorgente elettronica. led source support.			
Vb9.194.160	alluminio ossidato argento con diffusore prismato silver oxidate aluminium with prismatic diffuser	3000mm	0,6

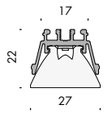


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Vb9.194.180
solo per · only for
kit lineare ellittica. elliptical.





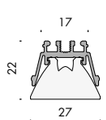


kit lineare ellittica. elliptical.				**24Vdc**	**IP20**		
Vb9.194.182.27	2700K		7,8W	41°x84°	598mm	0,5	
Vb9.194.183.27	2700K		11,7W	41°x84°	898mm	0,7	
Vb9.194.184.27	2700K		15,6W	41°x84°	1198mm	1	
Vb9.194.185.27	2700K		19,5W	41°x84°	1498mm	1,2	
Vb9.194.186.27	2700K		39W	41°x84°	2998mm	2,3	

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	24	1200	13	92
V0000	5,9	Ta25 °C		vita media · average life		50000 h	L80 B10	

Vb9.194.182.30	3000K		7,8W	41°x84°	598mm	0,5	
Vb9.194.183.30	3000K		11,7W	41°x84°	898mm	0,7	
Vb9.194.184.30	3000K		15,6W	41°x84°	1198mm	1	
Vb9.194.185.30	3000K		19,5W	41°x84°	1498mm	1,2	
Vb9.194.186.30	3000K		39W	41°x84°	2998mm	2,3	

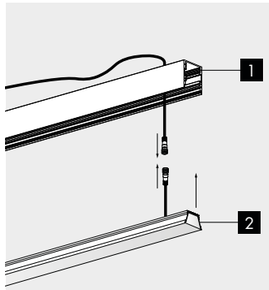
Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	24	1250	13	96
V0001	5,9	Ta25 °C		vita media · average life		50000 h	L80 B10	

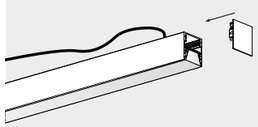


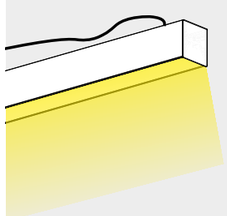
supporto per sorgente elettronica. led source support.			
Vb9.194.180	alluminio ossidato argento con lente ellittica silver oxidate aluminium with elliptical lens	41°x84°	3000mm 0,6



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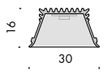






1 profilo c2 30x32

2 kit lineare resinato IP67



kit lineare resinato resin IP67	24Vdc	IP67			
Vb6.250.01.1	3000K con connettori m/f	8W	610mm	0,5
Vb6.250.02.1	3000K con connettori m/f	12W	910mm	0,9
Vb6.250.03.1	3000K con connettori m/f	16W	1210mm	1,1
Vb6.250.04.1	3000K con connettori m/f	20W	1510mm	1,3
Vb6.250.05.1	3000K con connettori m/f	39W	3010mm	2,7

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W
95	Rf 90	Rg 100	step 3	24	1214	12,75	95
y33900613f	10	Ta25 °C vita media · average life			50000 h	L80	B10



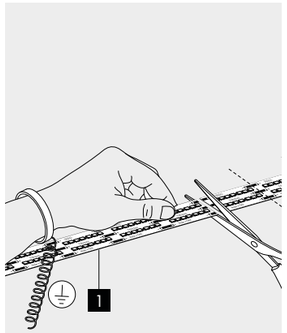
cavi con connettore femmina m8. cables with m8 female connector.	IP65		
f9.250.71	150mm	0,01
f9.164.86	2000mm	0,1
f9.164.87	5000mm	0,2
f9.164.88	10000mm	0,3



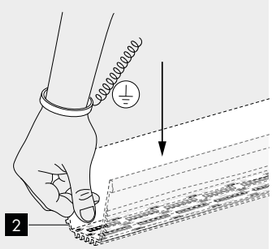
cavi con connettori m/f m8. cables with m/f m8 connectors.	IP65		
f9.250.72	2000mm	0,1
f9.250.73	5000mm	0,3
f9.250.74	10000mm	0,6



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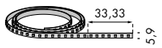






1 linea di luce led Ra95

2 supporto led
led support



linea di luce Ra95/13 Ra95/26 **24Vdc**

Vb6.250.121 2700K 6000mm 0,6

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
95	90	Rf 90	Rg 98	step 2	24	1200	13	92	F
V0000	5,9	Ta25 °C		vita media · average life 50000 h				L80 B10	

Vb6.250.122 3000K 6000mm 0,6

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
95	90	Rf 93	Rg 102	step 2	24	1250	13	96	F
V0001	5,9	Ta25 °C		vita media · average life 50000 h				L80 B10	

Vb6.250.123 4000K 6000mm 0,6

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
95	95	Rf 90	Rg 98	step 2	24	1300	13	100	F
V0003	5,9	Ta25 °C		vita media · average life 50000 h				L80 B10	

Vb6.250.124 5000K 6000mm 0,6

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
95	95	Rf 90	Rg 98	step 2	24	1300	13	100	F
V0005	5,9	Ta25 °C		vita media · average life 50000 h				L80 B10	



Vb6.250.155 2700K 6000mm 0,6

Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W	
95	90	Rf 90	Rg 98	step 2	24	2400	26	92	F
V3000	11	Ta25 °C		vita media · average life 50000 h				L80 B10	

Vb6.250.156 3000K 6000mm 0,6

Ra	R9	ies tm-30		sdcm	V_f	lm/m	W/m	lm/W	
95	90	Rf 93	Rg 102	step 2	24	2500	26	96	F
V3001	11	Ta25 °C		vita media · average life 50000 h				L80 B10	

Vb6.250.157 4000K 6000mm 0,6

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
95	95	Rf 90	Rg 98	step 2	24	2600	26	100	F
V3003	11	Ta25 °C		vita media · average life 50000 h				L80 B10	

Vb6.250.158 5000K 6000mm 0,6

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
95	95	Rf 90	Rg 98	step 2	24	2600	26	100	F
V3005	11	Ta25 °C		vita media · average life 50000 h				L80 B10	

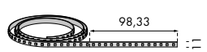


linea di luce Ra95/26 **24Vdc**

Vb6.250.130 2700/4000K 6000mm 0,6

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
95	90	Rf 90	Rg 98	step 2	24	1200	13	92	F
V0000	5,9	Ta25 °C		vita media · average life 50000 h				L80 B10	

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
95	95	Rf 90	Rg 98	step 2	24	1300	13	100	F
V0003	5,9	Ta25 °C		vita media · average life 50000 h				L80 B10	



linea di luce **3x24Vdc pwm**

f6.250.25.1 rgb 14W/m 300lm/m 6000mm 0,6



linea di luce Ra90/6 **24Vdc**

Vb6.250.111 2700K 5000mm 0,6

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 93	Rg 102	step 3	24	475	6	79	G
y27900506s	5,5	Ta25 °C	vita media · average life 50000 h				L80 B10	

Vb6.250.112 3000K 5000mm 0,6

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 93	Rg 102	step 3	24	542	6	90	F
y30900506s	5,5	Ta25 °C	vita media · average life 50000 h				L80 B10	

Vb6.250.113 4000K 5000mm 0,6

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 93	Rg 102	step 3	24	553	6	92	F
y40900506s	5,5	Ta25 °C	vita media · average life 50000 h				L80 B10	



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linea di luce Ra90/13 **24Vdc**

Vb6.250.181 2700K 5000mm 0,6

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 96	Rg 99	step 3	24	1345	13	103	F

y27900613s 6 Ta25 °C vita media · average life 50000 h L80 B10

Vb6.250.182 3000K 5000mm 0,6

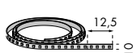
Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 96	Rg 99	step 3	24	1378	13	106	F

y30900613s 6 Ta25 °C vita media · average life 50000 h L80 B10

Vb6.250.183 4000K 5000mm 0,6

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 96	Rg 99	step 3	24	1431	13	110	F

y40900613s 6 Ta25 °C vita media · average life 50000 h L80 B10



linea di luce Ra90/26 **24Vdc**

Vb6.250.191 2700K 5000mm 0,6

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 96	Rg 99	step 3	24	2405	26	93	F

y27901026s 10 Ta25 °C vita media · average life 50000 h L80 B10

Vb6.250.192 3000K 5000mm 0,6

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 96	Rg 99	step 3	24	2753	26	106	F

y30901026s 10 Ta25 °C vita media · average life 50000 h L80 B10

Vb6.250.193 4000K 5000mm 0,6

Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 96	Rg 99	step 3	24	2863	26	110	F

y40901026s 10 Ta25 °C vita media · average life 50000 h L80 B10



kit micromen 13° c sistema **24Vdc** **IP20**

Vb9.194.195.27	argento opaco · matt silver	2700K	13°-13°	0,1
Vb9.194.196.27	bianco V	2700K	13°-13°	0,1
Vb9.194.197.27	nero55	2700K	13°-13°	0,1

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
90	Rf 90	Rg 100	step 2	300	5,6	170	2,0	85

ca010-2 les2 Ta25 °C vita media · average life 50000 h L80 B10

Vb9.194.194.30	argento opaco · matt silver	3000K	13°-13°	0,1
Vb9.194.195.30	bianco V	3000K	13°-13°	0,1
Vb9.194.196.30	nero55	3000K	13°-13°	0,1

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
90	Rf 90	Rg 100	step 2	300	5,6	180	2,0	90

ca011-2 les2 Ta25 °C vita media · average life 50000 h L80 B10



kit micromen 25° c sistema **24Vdc** **IP20**

Vb9.194.198.27	argento opaco · matt silver	2700K	25°-25°	0,1
Vb9.194.199.27	bianco V	2700K	25°-25°	0,1
Vb9.194.200.27	nero55	2700K	25°-25°	0,1

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
90	Rf 90	Rg 100	step 2	300	5,6	170	2,0	85

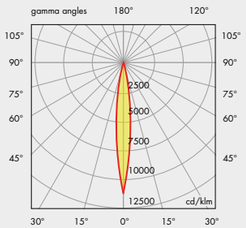
ca010-2 les2 Ta25 °C vita media · average life 50000 h L80 B10

Vb9.194.198.30	argento opaco · matt silver	3000K	25°-25°	0,1
Vb9.194.199.30	bianco V	3000K	25°-25°	0,1
Vb9.194.200.30	nero55	3000K	25°-25°	0,1

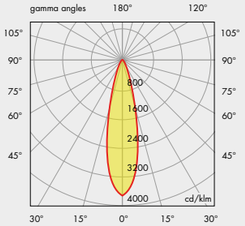
Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
90	Rf 90	Rg 100	step 2	300	5,6	180	2,0	90

ca011-2 les2 Ta25 °C vita media · average life 50000 h L80 B10

kit micromen 13°

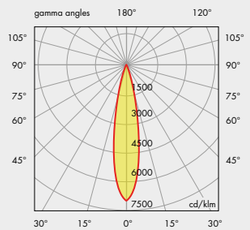


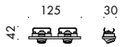
kit micromen 25°



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kit vangogh 21°





kit vangogh c sistema **24Vdc** IP20

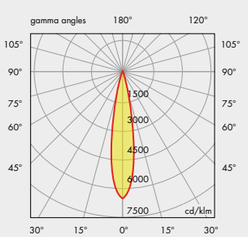
Vb9.194.191.27	argento opaco · matt silver	2700K	21°-21° 0,1
Vb9.194.192.27	bianco V	2700K	21°-21° 0,1
Vb9.194.193.27	nero55	2700K	21°-21° 0,1

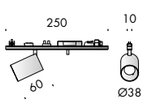
Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
95	Rf 92	Rg 100	step 2	250	17,6	376	4,4	86
cd020-2	les6 ●	Ta25 °C	vita media · average life			50000 h	L80 B10	

Vb9.194.191.30	argento opaco · matt silver	3000K	21°-21° 0,1
Vb9.194.192.30	bianco V	3000K	21°-21° 0,1
Vb9.194.193.30	nero55	3000K	21°-21° 0,1

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
95	Rf 92	Rg 100	step 2	250	17,6	428	4,4	97
cd021-2	les6 ●	Ta25 °C	vita media · average life			50000 h	L80 B10	

kit trentotto 19°





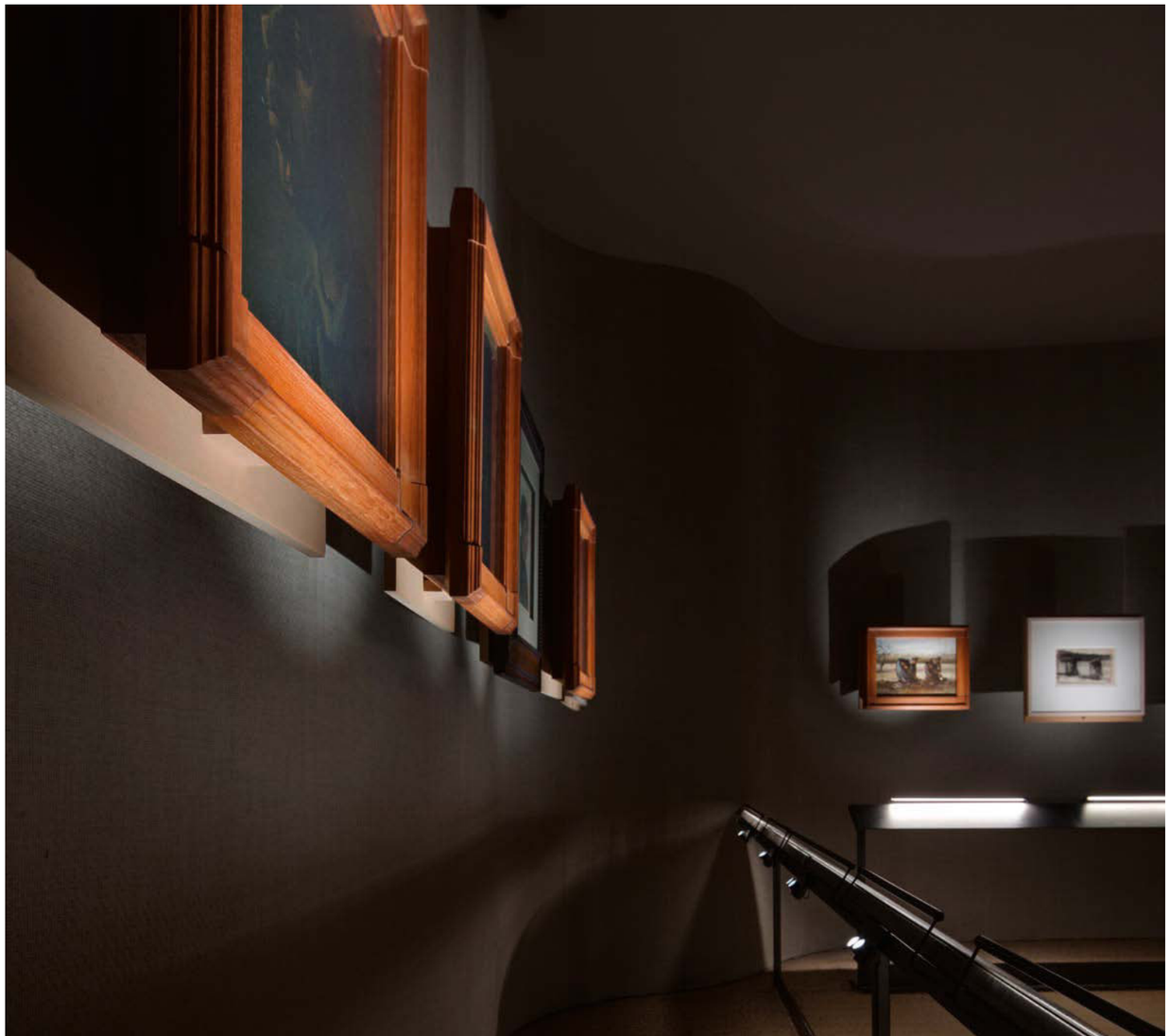
kit trentotto 19° c sistema **24Vdc** IP20

Vb9.194.227.27	argento opaco · matt silver	2700K	19° 0,2
Vb9.194.228.27	bianco V	2700K	19° 0,2
Vb9.194.226.27	nero55	2700K	19° 0,2

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	95	Rf 95	Rg 100	step 2	350	16,0	544	5,6	97
cd040	les6 ●	Ta25 °C	vita media · average life				50000 h	L70 B10	

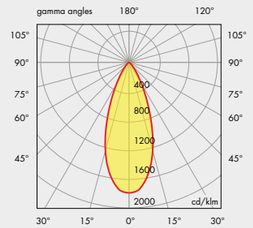
Vb9.194.227.30	argento opaco · matt silver	3000K	19° 0,2
Vb9.194.228.30	bianco V	3000K	19° 0,2
Vb9.194.226.30	nero55	3000K	19° 0,2

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
95	Rf 92	Rg 100	step 2	350	17	455	6	76
cd011	les6 ●	Ta25 °C	vita media · average life			50000 h	L70 B10	

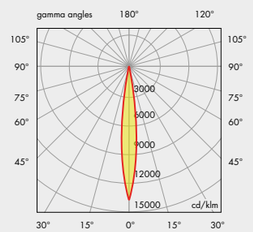


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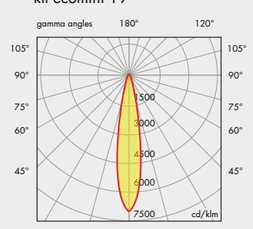
kit trentotto 41°



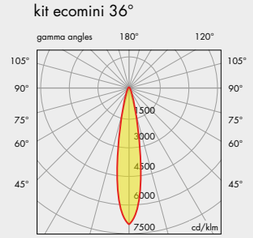
kit ecomini 13°

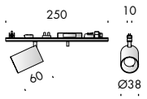


kit ecomini 19°



kit ecomini 36°





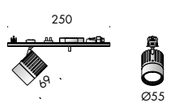
kit trentotto 41° c sistema 24Vdc IP20

Vb9.194.230.27	argento opaco · matt silver	2700K	41°	0,2
Vb9.194.231.27	bianco V	2700K	41°	0,2
Vb9.194.229.27	nero55	2700K	41°	0,2

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	95	Rf 95	Rg 100	step 2	350	16,0	544	5,6	97
cd040	les6 ●	Ta25 °C		vita media · average life		50000 h	L70	B10	

Vb9.194.230.30	argento opaco · matt silver	3000K	41°	0,2
Vb9.194.231.30	bianco V	3000K	41°	0,2
Vb9.194.229.30	nero55	3000K	41°	0,2

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
95	Rf 92	Rg 100	step 2	350	17	455	6	76
cd011	les6 ●	Ta25 °C	vita media · average life		50000 h	L70	B10	



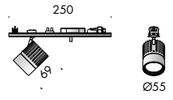
kit ecomini 13° c sistema 24Vdc IP20

Vb9.194.201.27	argento opaco · matt silver	2700K	13°	0,4
Vb9.194.202.27	bianco V	2700K	13°	0,4
Vb9.194.203.27	nero55	2700K	13°	0,4

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	95	Rf 95	Rg 100	step 2	700	16,5	1026	11,6	89
cd040	les6 ●	Ta25 °C		vita media · average life		50000 h	L70	B10	

Vb9.194.201.30	argento opaco · matt silver	3000K	13°	0,4
Vb9.194.202.30	bianco V	3000K	13°	0,4
Vb9.194.203.30	nero55	3000K	13°	0,4

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
95	Rf 92	Rg 100	step 2	700	17,8	826	12,4	66
cd011	les6 ●	Ta25 °C	vita media · average life		50000 h	L70	B10	



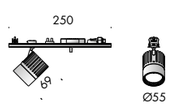
kit ecomini 19° c sistema 24Vdc IP20

Vb9.194.205.27	argento opaco · matt silver	2700K	19°	0,4
Vb9.194.206.27	bianco V	2700K	19°	0,4
Vb9.194.207.27	nero55	2700K	19°	0,4

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
95	Rf 92	Rg 100	step 2	700	18,2	1000	12,7	79
ce000	les9 ●	Ta25 °C	vita media · average life		50000 h	L70	B10	

Vb9.194.205.30	argento opaco · matt silver	3000K	19°	0,4
Vb9.194.206.30	bianco V	3000K	19°	0,4
Vb9.194.207.30	nero55	3000K	19°	0,4

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
95	Rf 92	Rg 100	step 2	700	18,2	1075	12,7	85
ce001	les9 ●	Ta25 °C	vita media · average life		50000 h	L70	B10	



kit ecomini 36° c sistema 24Vdc IP20

Vb9.194.208.27	argento opaco · matt silver	2700K	36°	0,4
Vb9.194.209.27	bianco V	2700K	36°	0,4
Vb9.194.210.27	nero55	2700K	36°	0,4

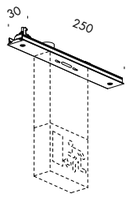
Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
95	Rf 92	Rg 100	step 2	700	18,2	1000	12,7	79
ce000	les9 ●	Ta25 °C	vita media · average life		50000 h	L70	B10	

Vb9.194.208.30	argento opaco · matt silver	3000K	36°	0,4
Vb9.194.209.30	bianco V	3000K	36°	0,4
Vb9.194.210.30	nero55	3000K	36°	0,4

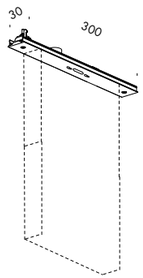
Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
95	Rf 92	Rg 100	step 2	700	18,2	1075	12,7	85
ce001	les9 ●	Ta25 °C	vita media · average life		50000 h	L70	B10	



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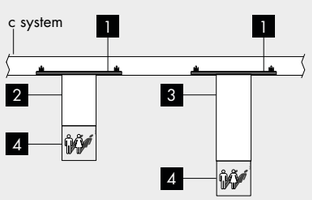


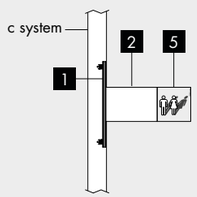
kit trasparenze 100 c sistema			
Vb9.194.220	argento opaco · matt silver	250mm	0,2
Vb9.194.221	bianco V	250mm	0,2
Vb9.194.222	nero55	250mm	0,2



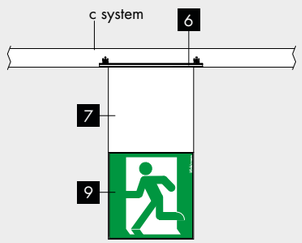
kit trasparenze 250 c sistema			
Vb9.194.223	argento opaco · matt silver	300mm	0,2
Vb9.194.224	bianco V	300mm	0,2
Vb9.194.225	nero55	300mm	0,2

kit trasparenze 100





kit trasparenze 250



1 Vb9.194.220/221/222

2 trasparenze 100x150

3 trasparenze 100x250

4 segnaletica verticale 100
vertical sign system

5 segnaletica orizzontale 100
horizontal sign system

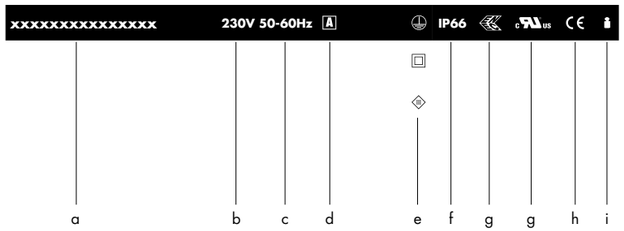
6 Vb9.194.223/224/225

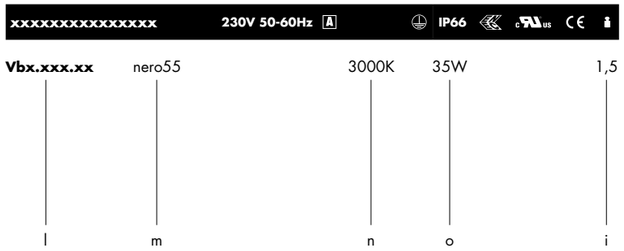
7 trasparenze 250x250
nota: nel c sistema non è possibile installare kit trasparenze 250x500
note: in the c sistema is not possible to install kit trasparenze 250x500

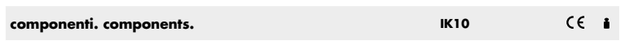


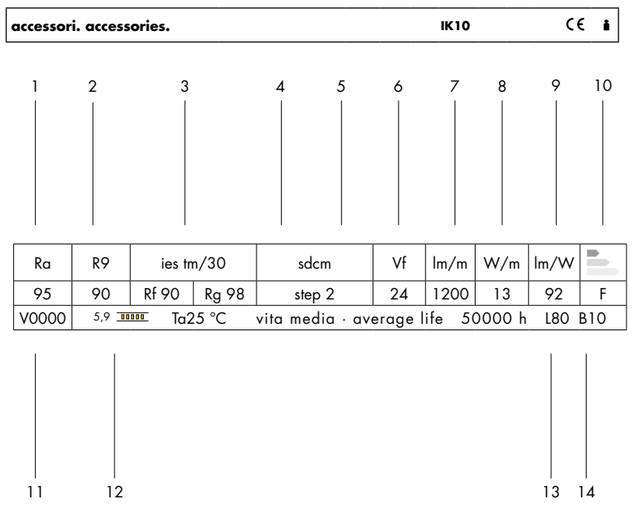
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lettura delle tabelle tecniche how to read technical tables









bandella tecnica. posizioni standard simbologie.
data plate. standard arrangement of symbols.

a	*nome apparecchio di illuminazione* · light fitting name
b	*tensione di alimentazione* · supply rating (Volt)
c	*frequenza di alimentazione* · supply frequency (Hertz)
d	*alimentatore incluso o escluso* · power supply included or not included
e	*classe di isolamento* · insulation class
f	*grado di protezione* · protection degree
g	*marchio di certificazione* · safety and quality standards certification
h	*conforme alle direttive europee* produced in compliance with EC directives
i	*peso netto* · net weight (kg)
l	*codice* · code
m	*finitura* · finish
n	*temperatura colore sorgente elettronica* colour temperature led source (Kelvin)
o	*potenza della sorgente* · source power (Watt)

componenti. identifica tutti gli elementi indispensabili per la corretta funzionalità e installazione dell'apparecchio di illuminazione.
components. includes all items that are essential to the correct operation and installation of the light fitting.

accessori. si riferisce alle ulteriori parti installabili sull'apparecchio.
accessories. refers to items that can be added to the light fitting.

1	*indice di resa cromatica* · colour rendering index
2	*indice di resa del rosso* · red colour rendering index
3	*Rf indice di fedeltà colore* · colour fidelity index *Rg indice di saturazione colore* · color gamut index
4	*step di macadam* · macadam step
5	*corrente di alimentazione* · power supply current
6	*tensione di alimentazione* · power supply voltage
7	*flusso luminoso* · light flux
8	*potenza della sorgente* · source power
9	*efficienza della sorgente* · source efficiency
10	*classe di efficienza energetica* · efficiency class
11	*codice sorgente elettronica Viabizzuno* · Viabizzuno led source code
12	*superficie emittente* · light emmitting surface (mm)
13	*% flusso residuo a fine vita* · end life % flux
14	*% consentita sotto limite* · allowed % under limit

gradi di protezione protection degrees

IP0X *non protetto*
no protection

IP1X *contro corpi estranei >50 mm*
protection against solid objects

IP2X *contro corpi estranei >12 mm*
protection against solid objects

IP3X *contro corpi estranei >2,5 mm*
protection against solid objects

IP4X *contro corpi estranei >1 mm*
protection against solid objects

IP5X *protezione da polvere*
dust-protected

IP6X *stagno alla polvere*
dust-proof

IPX0 *non protetto*
no protection

IPX1 *protetto contro la caduta verticale di gocce d'acqua*
protected against water drops falling vertically

IPX2 *protetto contro la caduta di gocce con inclinazione max 15°*
protected against water drops max inclination 15°

IPX3 *protetto contro la caduta di gocce con inclinazione max 60°*
protected against water drops max inclination 60°

IPX4 *protetto contro spruzzi d'acqua*
protected against sprinkling water

IPX5 *protetto contro getti d'acqua*
protected against water jets

IPX6 *protetto contro inondazioni*
rotected against flooding

IPX7 *per breve immersione*
protected against brief immersions

IPX8 *per immersione prolungata*
protected against long immersion

IK01 *nessuna protezione*
no protection

IK01 *protetto contro l'energia d'urto 0,15J*
protected against collision energy

IK02 *protetto contro l'energia d'urto 0,2J*
protected against collision energy

IK03 *protetto contro l'energia d'urto 0,35J*
protected against collision energy

IK04 *protetto contro l'energia d'urto 0,5J*
protected against collision energy

IK05 *protetto contro l'energia d'urto 0,7J*
protected against collision energy

IK06 *protetto contro l'energia d'urto 1J*
protected against collision energy

IK07 *protetto contro l'energia d'urto 2J*
protected against collision energy

IK08 *protetto contro l'energia d'urto 5J*
protected against collision energy

IK09 *protetto contro l'energia d'urto 10J*
protected against collision energy

IK10 *protetto contro l'energia d'urto 20J*
protected against collision energy

legenda simboli symbols key

ta *tavolo* · table

tr *terra* · floor standing

s *soffitto* · ceiling

p *parete* · wall

sp *sospensione* · suspension

bin *binario* · track

in *incasso* · recessed

st *scomparsa totale* · fully concealed

s+e *segnaletica+emergenza* · signalling system+emergency

bat *portatili autoalimentati a batteria* · portable self-powered with battery

sis *sistemi* · systems

pa *palo* · *pole*

pt *paletto* · bollard

sd *seduta* · sitting

disponibile su · available on *Viabizzuno applight* *www.Viabizzuno.com* *Viabizzuno online*

classe I. solo isolamento fondamentale, le parti conduttrici accessibili sono collegate ad un conduttore di terra. messa a terra tassativa
class I. only basic insulation, accessible conductors are earthed. earthing compulsory

classe II. all'isolamento principale è aggiunto un secondo isolamento oppure ai due isolamenti è sostituito un isolamento rinforzato. messa a terra esclusa
class II. basic insulation plus second insulation or both are replaced by reinforced insulation. earthing excluded

classe III. alimentazione effettuata con bassissima tensione di sicurezza; sono escluse tensioni superiori a 50V-50Hz. messa a terra non prevista.
class III. very low safety supply tension; not to be used over 50V-50Hz. earthing excluded.

prodotto conforme alle direttive europee · produced in compliance with ec directives

marchio di certificazione europea. certifica che il prodotto è conforme alle norme europee sulla sicurezza
component approved for north american market and suitable to be used and approved as part of a more complex system

componente certificato per il mercato nord americano idoneo ad essere utilizzato e valutato come parte di in un sistema più complesso
component approved for north american market and suitable to be used and approved as part of a more complex system

apparecchio di illuminazione approvato da kema · kema approved light fitting

prodotto conforme agli standard presenti nel regno unito che regolamentano la sicurezza e la qualità dell'acqua · product complies with uk standards set out by water regulations

apparecchio di illuminazione certificato secondo le normative vigenti in polonia che regolamentano i dispositivi di sicurezza antincendio
certified light fitting according to the regulations about devices for fire safety in force in poland

prodotto idoneo per essere commercializzato nel mercato cinese · product suitable for the china market

prodotto finito idoneo per essere commercializzato nel mercato nord americano · listed product suitable for the north american market

prodotto conforme alla legislazione vigente nel regno unito · produced in compliance with UK legislation

apparecchio di illuminazione certificato per il mercato cinese
light fitting certified for china market

vetro opalino · opal glass

vetro sabbiato · sanded glass

vetro nero fumè · black smoke glass

vetro trasparente · transparent glass

vetro bianco latte · white milk glass

cristallo · crystal

policarbonato opalino · opal polycarbonate diffuser

carrabile · drive over

A *alimentatore incluso* · power supply included

A *alimentatore escluso* · power supply not included

AR *alimentatore remoto incluso* · remote power supply included

Ai *alimentatore elettronico con controllo intelligente incluso* · electronic power supply with smart control included

AiR *alimentatore elettronico con controllo intelligente incluso, da installare remoto* · electonic power supply with smart control included, to be installed remotely

AS *alimentatore a spina incluso* · plug power supply included

T *trasformatore incluso* · transformer included

T *trasformatore escluso* · transformer not included

K *kit di cablaggio* · wiring kit

K *kit di cablaggio escluso* · wiring kit not included

L *lampadina con sorgente elettronica led, ad incandescenza, alogena o fluorescente inclusa.*
bulb with led electronic source, incandescent, halogen or fluorescent included.

L *lampadina con sorgente elettronica led, ad incandescenza, alogena o fluorescente esclusa.*
bulb with led electronic source, incandescent, halogen or fluorescent not included.

pr *propulsore dinamico n55 incluso* · included

possibilità di combinazione tra interfaccia n55, propulsore dinamico n55 e lampadina n55 · possible combination between n55 interface, propulsore dinamico n55 and n55 bulb

attenzione: sorgente luminosa led. non guardare mai direttamente a occhio nudo · attention: led light source. never look straight without eye protection

ff *flicker free compatibile con fotocamere digitali* · flicker free digital camera friendly

l.d. *luce diretta* · direct light

l.i. *luce indiretta* · indirect light

.d1 *dimmerazione 1-10V* · 1-10V dimmable

.d2 *dimmerazione dali* · dimmable dali

.SA *kit luce + emergenza sempre accese. attenzione: non è possibile installare nelle cassaforme laterizio*
light kit + permanently lit emergency lamp. please note: cannot be installed in brickwork housing

.SE *solo emergenza sempre accesa. attenzione: non è possibile installare nelle cassaforme laterizio*
permanently lit emergency lamp only. please note: cannot be installed in brickwork housing

peso netto · net weight (kg)



PROYECTOR ARQUITECTURA IP66 LED efecto agu

Proyector arquitectónico IP66 LED efecto agua 90W 25° a 40° 7800 K

- Proyector que genera efecto agua y ademas rueda de color + 2 ruedas de efectos. La ilusión acuática
- es mucho más que un simple proyector arquitectónico; Se trata de una auténtica revolución en el campo de la iluminación creativa
- Con su potente LED de 90 W a 7800 K, este proyector le ofrece una luminosidad excepcional para realzar sus creaciones arquitectónicas.

Unidad: Precio por 1 Pieza
Embalaje completo: 1 Unidad
Apertura haz: 40º
Potencia: LED 90W
Voltaje / Tensión: AC 110-240 V/50-60 Hz
Temperatura de color: 7800 K
Aplicaciones: Rental e instalación
Rango IP: IP67
Color: Gris RAL9002
Número de LED: 1 LED 90W

Carcasa / Cuerpo: Aluminio fundido
Tamaño: 300 x 209 x 286 mm
Consumo: 72W
Peso: 7 kg
Tipo Lámpara: LED

- **Arte añadida a la luz**
  - Al simular efectos cáusticos, crea un ambiente único y cautivador, perfecto para añadir un toque de magia a cualquier ambiente
- **Efectos hipnóticos del agua**
  - Lo que hace que sea realmente excepcional es su efecto de animación en el agua. Al simular reflejos de luz para recrear la ilusión de agua en movimiento, aporta un toque de magia a cualquier entorno
  - Ya sea que lo utilices como pieza central de tu espectáculo o para complementar otros productos, sus ruedas de colores y efectos garantizan resultados espectaculares
  - Con conexiones híbridas de entrada y salida DMX/cable de alimentación con enchufes IP67, ofrece una confiabilidad inigualable, incluso en condiciones exigentes
- **¡Agua en colores!**
  - ofrece una paleta de **siete colores de efectos** , que van del **azul al rojo , verde** , **amarillo** , **blanco** , **naranja** y **magenta** . Estos colores deslumbrantes son los pinceles de tu imaginación y te permiten pintar impresionantes escenas de luz
  - Además, al jugar con la lente, puedes dar vida a animaciones aún más cautivadoras. Estas características le brindan **un control artístico incomparable** para crear espectáculos de luces que sorprenderán a su público
  - la creatividad está a tu alcance y cada espectáculo se convierte en una luminosa obra de arte
- **Conéctate con facilidad**
  - Dispone de ingeniosos conectores transportan tanto información DMX como alimentación, lo que significa que puede conectar en cadena sus dispositivos en un instante, sin problemas ni molestias
  - Ya sea que quieras crear una serie de efectos sincronizados o extender tu espectáculo a largas distancias, la simplicidad de la conexión te permitirá configurar tus animaciones de luz de manera rápida y eficiente

- **Características**
  - LED: 1 LED 90W 7800 K
  - Rueda de color + 2 ruedas de efectos
  - Control por caja de control VRDM externa para configuración por RDM (uso obligatorio de VRDM-Control)
  - Compatible con consolas RDM en ciertos parámetros
  - Protocolo de control DMX en 5 canales
  - Alimentación: 110-240 V/50-60 Hz
  - Refrigeración: por convección
  - Acabados: fundición de aluminio pintura epoxi blanca gris RAL9002
  - Grado de protección IP 66: resiste el polvo y las salpicaduras de agua en todas las direcciones
  - Resistencia a los golpes IK 07: protegido contra golpes mecánicos de 2 julios, es decir, la caída de un objeto de 500 g 40 cm
  - Válvula de despresurización de membrana estanca
  - Consumo: 72W
  - Medidas: 300 x 209 x 286 mm
  - Peso: 7 kg

LUMINARIAS LED Y SISTEMAS DE ILUMINACIÓN
LED LIGHTING SYSTEM



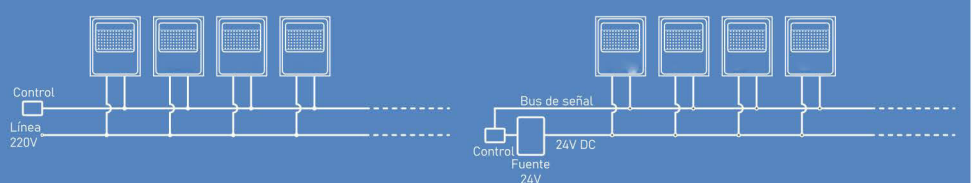
PROYECTOR RGBWK

RGBWK.

Controle los proyectores como si de tiras LED se tratase, con entrada de alimentación por un lado y entrada de señal por el otro, ponga en paralelo tantos como quiera y contrólelos con cualquier sistema de 24V RGBW. Con mando a distancia, panel táctil, Smartphone... Espectaculares instalaciones RGBW sin complicaciones.

RGBWK.

Control the RGBW flood light as LED strips, with power input on one side and signal input on the other, put in parallel as many as you want and control them with any 24V RGBW system. With remote control, touch panel, Smartphone... Amazing RGBW installations without complications.





PROYECTOR RGBWK

Modelo Model	25RGBWK	50RGBWK	99RGBWK
Tecnología del LED LED technology	SMD (5050)		
Tensión entrada nominal Input voltage	230V AC / 24V DC		
Frecuencia entrada nominal Input frequency	50Hz /DC		
Temperatura de color Color temperature	RGBW	RGBW	RGBW
Potencia del chip Chip power	*25W	*60W	*100W
Ángulo Angle	160°		
Dimensiones Size	263x219x52mm	342x330x63mm	400x400x66mm
Material carcasa Housing material	Aluminio / Aluminium		
Material protección LED LED protection material	Vidrio/Glass		
IP	65		
Recubrimiento Coating	Pintura electrostática al horno, tanto en chasis como lira. Apto para uso en exterior. Electrostatic painting. Apt for use in exterior.		

* Máxima potencia en color blanco.

Los productos IP65 o superior con salida a cable, incluyen un conector IP **STUCCHI** de conexionado rápido que mejora y facilita la instalación de la luminaria.



Versión de 24V DC clase III especialmente indicada para zonas de piscina, spa...

Consultar versión con control inalámbrico.

Controlador no incluido. Consultar página 151 Regulación RGBW











Conecte tantos proyectores como quiera y contrólelos todos juntos desde un solo controlador.



Proyector LED Negro 100W

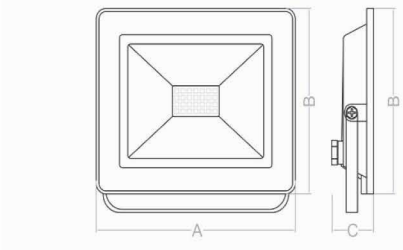
DESCRIPCIÓN PRODUCTO

Diseño compacto y ligero.
LED SMD2835
Rendimiento **120Lm/W.**



CARACTERÍSTICAS TÉCNICAS

Referencia	FLKN100W830	FLKN100W840	FLKN100W860
Potencia	100W	100W	100W
Rendimiento	115 Lm/W	120 Lm/W	120 Lm/W
Flujo Luminoso	11520 lm	12000 lm	12000 lm
Temperatura de color	3000K	4000K	6000K
Chip	SMD2835	SMD2835	SMD2835
Driver	Externo OSRAM	Externo OSRAM	Externo OSRAM
Driver regulable	No	No	No
CRI	>80	>80	>80
Ángulo de apertura	120º	120º	120º
UGR	-	-	-
Tensión de entrada	220/240V	220/240V	220/240V
Frecuencia de entrada	50/60 Hz	50/60 Hz	50/60 Hz
Factor de Potencia	>0,90	>0,90	>0,90
Protector de sobretensión	2K	2K	2K
Clase de aislamiento	I	I	I
Grado de IP	IP65	IP65	IP65
Grado de IK	IK06	IK06	IK06
Tipo de montaje	Superficie	Superficie	Superficie
Dimensiones	254x217x33 mm	254x217x33 mm	254x217x33 mm
Cable	20 cm	20 cm	20 cm
Peso producto	1,350kg	1,350kg	1,350kg
Material	AL+Vidrio	AL+Vidrio	AL+Vidrio
Acabado	Negro	Negro	Negro
Vida útil	25000h	25000h	25000h
Periodo de garantía	3 años	3 años	3 años
Temperatura trabajo	-20ºC a+40ºC	-20ºC a+40ºC	-20ºC a+40ºC



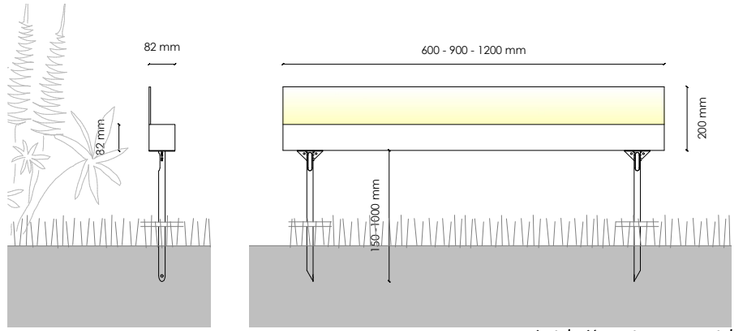
IP65 IK06

ETIQUETA ENERGÉTICA

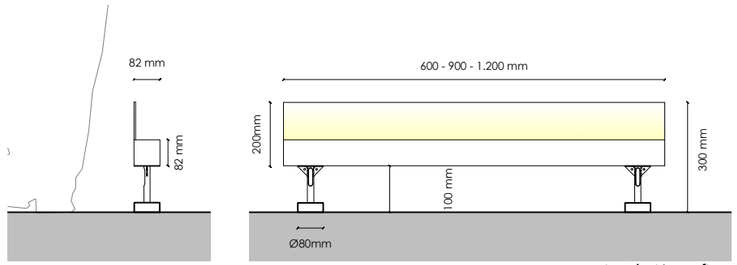
A G F



para mas información: k-area di luce



instalación en terreno vegetal



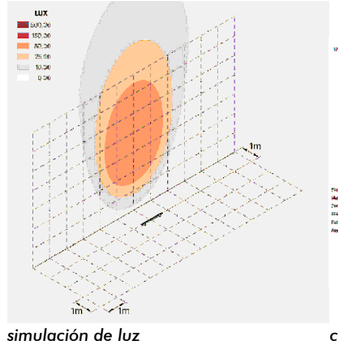
instalación en firme

k-area di luce

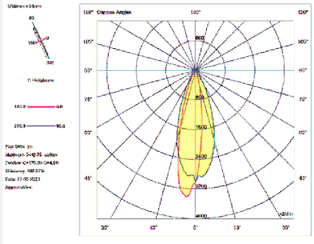
apto para uso en exteriores.
controlador DALI2 integrado de 220-240 V y LED de última generación con potencia de 70w.
cuerpo y cubierta de fuente de led fabricados en aluminio anodizado; altamente resistentes a la oxidación gracias al tratamiento de pasivación a base de circonio y al recubrimiento de resina de poliéster estabilizada contra los rayos UV. óptica wall washer CRI>90. L70B10 - 50000h 2700K 6160lm reales.
difusor de cristal transparente óptico de gran resistencia. juntas de silicona IP66.
luminaria con clase de aislamiento CL.I IP66 IK10 20J xx9 cable de alimentacion 0.15m H07RN-F 3x1
tuercas y tornillos de acero inoxidable A4. sin riesgo de daño fotobiológico, grupo RG1 (EN62471). Longitud posibles, 600mm, 900mm, 1200mm. ópticas: 30º, 50º, 12x35º, wall washer
accesorio:
cuerpo exterior aluminio anodizado con tratamiento corten preparado para exterior con soportes para instalación en terreno vegetal o firme.



fuente led



simulación de luz

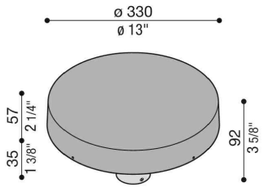


curvas fotométricas

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V para mas información: line 330



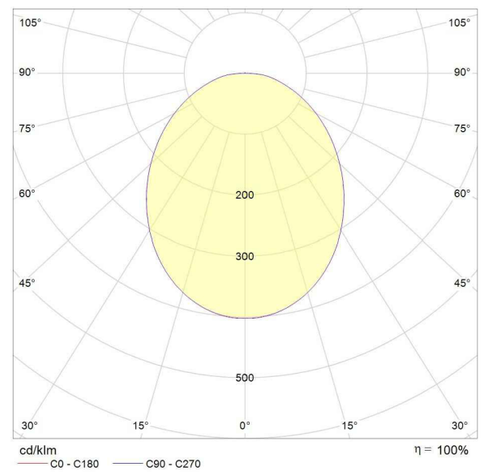


dimensiones line 330

zero 330

Apto para uso en exteriores.
Controlador integrado de 220-240 V y LED de última generación con potencias de hasta 25 W.
Fabricados en aleación primaria de aluminio fundido a presión; altamente resistentes a la oxidación gracias al tratamiento de pasivación a base de circonio y al recubrimiento de resina de poliéster estabilizada contra los rayos UV.
Zero 330 con tapa superior de policarbonato negro, moldeada por inyección en nuestras instalaciones.
Difusor de policarbonato óptico de gran espesor, acabado poliGLASS, moldeado por inyección y posterior acabado manual.
Juntas de silicona IP66.
Tuercas y tornillos de acero inoxidable A4. Previsión para tornillos de seguridad.
Apto para una rápida instalación en postes estándar de Ø60 mediante resortes de acero inoxidable.
LED 4000K (N), 3000K (3) o 2700K (2). Balasto integrado 220-240V.
Sin riesgo de daños fotobiológicos, grupo RG1 (EN62471).

Tapa superior de policarbonato negro. Versión con corte y luz indirecta. Provista de 1 m de cable de alimentación precableado H05RN-F.



simulación de luz

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