Vbobilbao progettiamo la luce

palacio	igartza	beasain
día	00 09	mes
año	25 75	proyecto

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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
palacio igartza

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

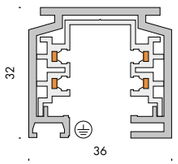
modelli 3d per i tuoi render
3d models for your render

binario 3~230V UpO



sistema a binario per interni IP20.
composto da estruso di alluminio ossidato e verniciato a polvere di sezione 36x32mm che ha funzione di conduttore di terra, e da un inserto in gomma isolante che contiene 4 conduttori in rame di sezione 2,5mm².
dimensioni: 2000 e 3000mm.
tensione di alimentazione 3~230V 50-60Hz, fino a 16A.
accessori: testata di alimentazione destra o sinistra, tappo di chiusura laterale, giunti lineari, curve, giunti a T e giunti a X, cavetto di acciaio di sospensione, tige rigida di sospensione, supporto a soffitto, profilo per incasso, gancio meccanico universale, adattatori binario.
finiture: bianco, nero e argento opaco.

IP20-rated track system for indoor use.
it consists of an extruded oxidised and powder coated aluminium having a 36x32mm section serving as an earth conductor and an insulating rubber insert that contains 4 copper conductors with a section of 2.5mm².
sizes: 2000 and 3000mm.
supply voltage: 3~230V 50-60Hz up to 16A.
accessories: left and right-hand power supply board, lateral end cap, linear joints, curved joints, T-shaped joints and X-shaped joints, steel suspension cable, rigid suspension rod, ceiling support, profile for recessed mounting, mechanical universal display hook, track adapter.
finishes: white, black and matt silver.



binario 3~230V 16A			
fb.25.206	bianco · white	2000mm	2,02
fb.25.202	nero · black	2000mm	2,02
fb.25.203	argento opaco · matt silver	2000mm	2,02
fb.25.306	bianco · white	3000mm	3,03
fb.25.302	nero · black	3000mm	3,03
fb.25.303	argento opaco · matt silver	3000mm	3,03









accessori. accessories.			
fb55511202.6	testata alimentazione sinistra left end-feed	bianco · white	0,1
fb55511202.2	testata alimentazione sinistra left end-feed	nero · black	0,1
fb55511201.6	testata alimentazione destra right end-feed	bianco · white	0,1
fb55511201.2	testata alimentazione destra right end-feed	nero · black	0,1
fb55511206.6	congiunzione lineare electrical straight coupler	bianco · white	0,02
fb55511206.2	congiunzione lineare electrical straight coupler	nero · black	0,02

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accessori. accessories.



fb55511208.6 congiunzione con alimentazione electrical straight coupler with feed — bianco · white — 0,14

fb55511208.2 congiunzione con alimentazione electrical straight coupler with feed — nero · black — 0,14



fb55511209.6 congiunzione a L terra esterna con alimentazione L coupler, external grounding with power supply — bianco · white — 0,14

fb55511209.2 congiunzione a L terra esterna con alimentazione L coupler, external grounding with power supply — nero · black — 0,14

fb55511210.6 congiunzione a L terra interna con alimentazione L coupler, internal grounding with power supply — bianco · white — 0,14

fb55511210.2 congiunzione a L terra interna con alimentazione L coupler, internal grounding with power supply — nero · black — 0,14

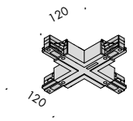


fb55511213.6 congiunzione a T terra sx con alimentazione T coupler, left grounding with power supply — bianco · white — 0,17

fb55511213.2 congiunzione a T terra sx con alimentazione T coupler, left grounding with power supply — nero · black — 0,17

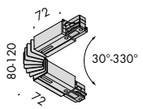
fb55511212.6 congiunzione a T terra dx con alimentazione T coupler, right grounding with power supply — bianco · white — 0,17

fb55511212.2 congiunzione a T terra dx con alimentazione T coupler, right grounding with power supply — nero · black — 0,17



fb55511216.6 congiunzione a + con alimentazione + coupler with power source — bianco · white — 0,2

fb55511216.2 congiunzione a + con alimentazione + coupler with power source — nero · black — 0,2



fb55511211.6 congiunzione flessibile con alimentazione flexible coupler power source — bianco · white — 0,2

fb55511211.2 congiunzione flessibile con alimentazione flexible coupler power source — nero · black — 0,2



fb55501217.6 terminale di chiusura · end cap — bianco · white — 0,01

fb55501217.2 terminale di chiusura · end cap — nero · black — 0,01



fb.99.075.6 attacco soffitto-sospensione d-13 ceiling-suspension clip — bianco · white — 0,04

fb.99.075.2 attacco soffitto-sospensione d-13 ceiling-suspension clip — nero · black — 0,04

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accessori. accessories.



fb.99.905.6	tige di sospensione regolabile adjustable suspension rod	d-13	600mm	bianco · white	0,3
fb.99.905.2	tige di sospensione regolabile adjustable suspension rod	d-13	600mm	nero · black	0,3
fb.99.906.6	tige di sospensione regolabile adjustable suspension rod	d-13	1200mm	bianco · white	0,4
fb.99.906.2	tige di sospensione regolabile adjustable suspension rod	d-13	1200mm	nero · black	0,3



fb.99.319.1	cavo acciaio sospensione steel cable	3000mm	bianco · white	0,2
fb.99.319.2	cavo acciaio sospensione steel cable	3000mm	nero · black	0,2



fb.18.400	profilo in alluninio · aluminium profile	4073mm	4,3



fb.99.619.0	squadretta supporto mounting brackets for recessed profile	6 pz · pcs	0,02



fb55705321.0	molla supporto profilo profile snap hanger for tension grip	6 pz · pcs	0,03



fb.99.067.6	gancio meccanico universale bianco white mechanical universal display hook	max 10kg	0,02
fb.99.067.2	gancio meccanico universale nero black mechanical universal display hook	max 10kg	0,02



fb.99.284.6	coppa per gancio universale cap for universal hook	bianco · white	0,8
fb.99.284.2	coppa per gancio universale cap for universal hook	nero · black	0,8



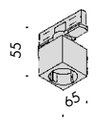
fb.99.232.0	staffa meccanica 60°-300° mitre coupler		0,04



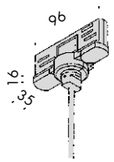
fb.99.759.6	adattatore multiplo · multi adapter	bianco · white	0,05
fb99.759.2	adattatore multiplo · multi adapter	nero · black	0,05



fb.99.292.6	anello di contenimento retaining collar	500-1500mm	bianco · white	0,2
fb.99.292.2	anello di contenimento retaining collar	500-1500mm	nero · black	0,2

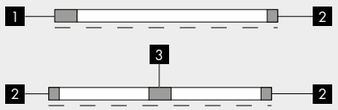


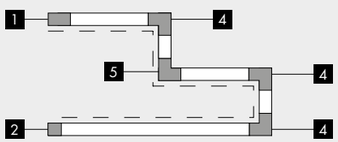
fb.99.095.6	adattatore con presa e fusibile multi-adapter with socket	bianco · white	0,16
fb.99.095.2	adattatore con presa e fusibile multi-adapter with socket	nero · black	0,16

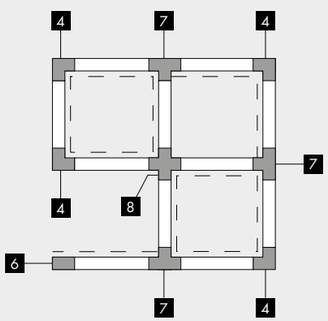


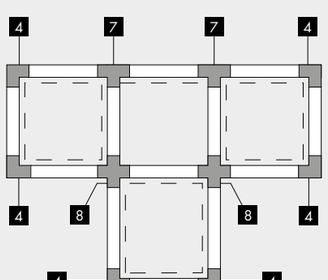
fb.99.192.1	adattatore universale per binari tracks universal adapter	max 5kg	bianco · white	0,15
fb.99.192.2	adattatore universale per binari tracks universal adapter	max 5kg	nero · black	0,15

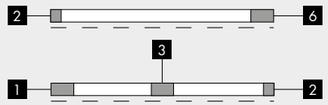
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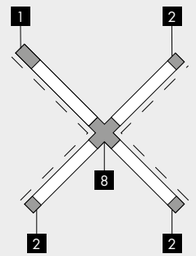


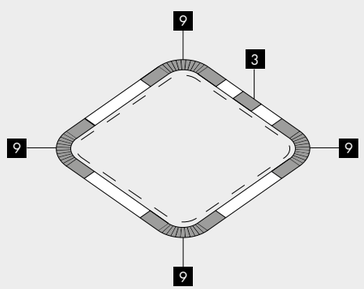


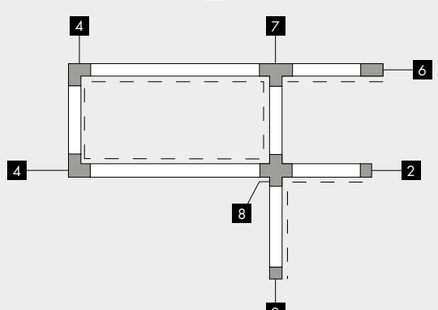












1  fb55511201.6
fb55511201.2

2  fb55501217.6
fb55501217.2

3  fb55511208.6
fb55511208.2

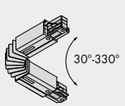
4  fb55511210.6
fb55511210.2

5  fb55511209.6
fb55511209.2

6  fb55511202.6
fb55511202.2

7  fb55511212.6
fb55511212.2
fb55511213.6
fb55511213.2

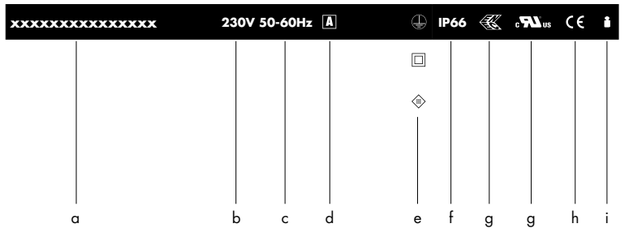
8  fb55511216.6
fb55511216.2

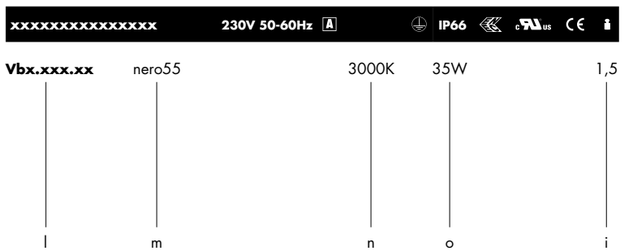
9 

fb55511211.6
fb55511211.2

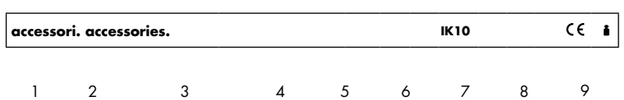
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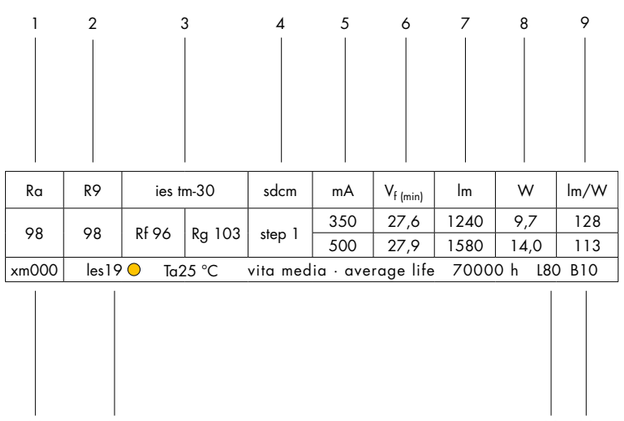
lettura delle tabelle tecniche how to read technical tables











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

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

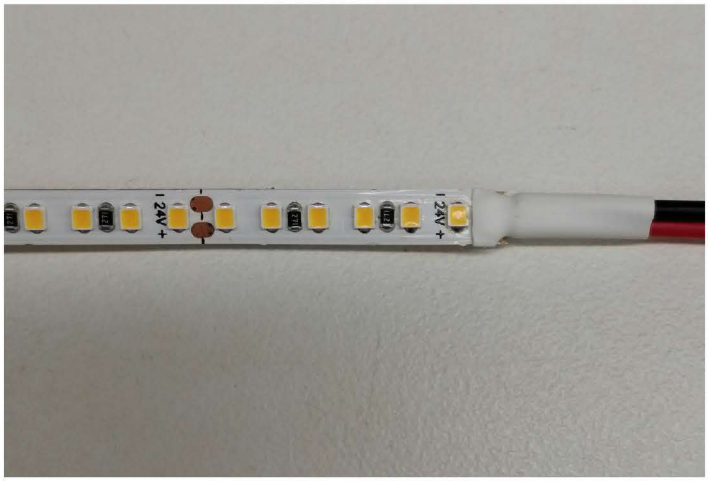
.d2 *dimmerazione dali* · dimmable dali

.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)

Referencia: 374685
Tira de led 5mm 13W 2700K CRI 90 IP20





DATOS GENERALES

Ubicación:	Interior
Instalación:	En perfil
Dimensiones (MM):	Ancho 5, longuitud 5.000
Estanqueidad:	IP 20
Garantía:	3 Años

DATOS FOTOMETRICOS

Tipo de iluminación:	LED
Potencia (W):	13
Flujo lumínico (L/m)	1300
Eficiencia (L/W):	100
Índice de reproducción cromática:	CRI 90
Temperatura de color (K):	2.700

DATOS ELECTRICOS DRIVER

Tensión alimentación (V):	24

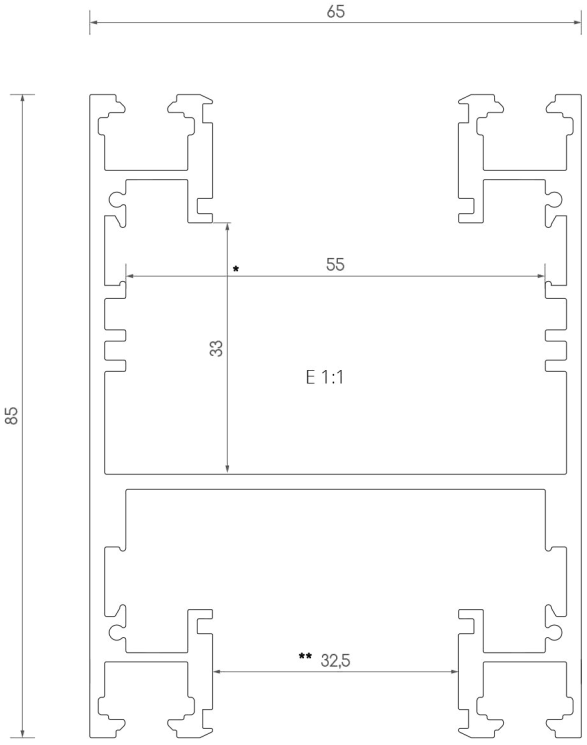
CE RoHS

p2+1 PRO

Perfil de aluminio extruido con acabado anodizado de 20 micras, para montaje en superficie o suspendido. Difusores y carriles disponibles para su instalación tanto en la parte superior como inferior del perfil, para permitir la emisión de luz directa e indirecta. El equipo de alimentación puede alojarse en el interior del perfil o instalarse de manera remota. El perfil cuenta con tapas finales y puede montarse en forma continua mediante uniones lineales y angulares. Dimensiones: 65 X 85 X 3000 mm.

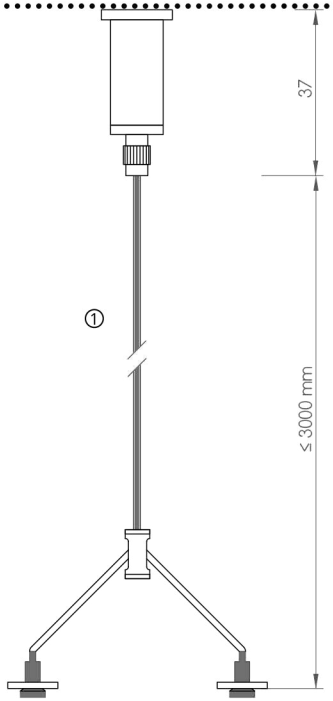
20 micron anodized extruded aluminum profile to be installed on surface or suspended. Diffusers and tracks are available to be set on the top and/or bottom of the profile to allow indirect/ direct light emission. Power supply unit can be housed inside the profile or placed remotely. The profile can be closed with end caps and can be arranged continuously using linear or angular unions. Dimensions: 65 X 85 X 3000 mm.



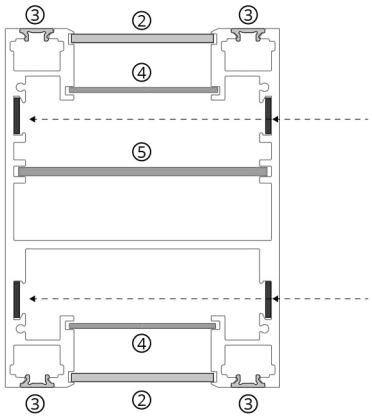


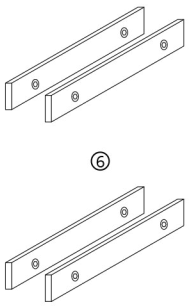
* Ver compatibilidad en el alojamiento de equipos en DRIVERS.
See drivers housing compatibility in DRIVERS.

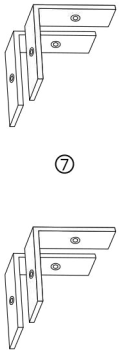
** Ver compatibilidad en el alojamiento de carriles en TRACKS.
See tracks housing compatibility in TRACKS.

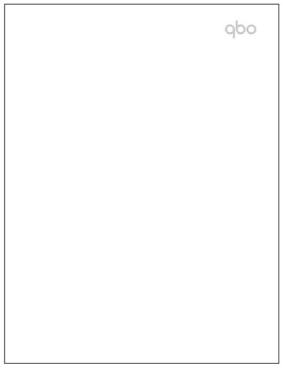


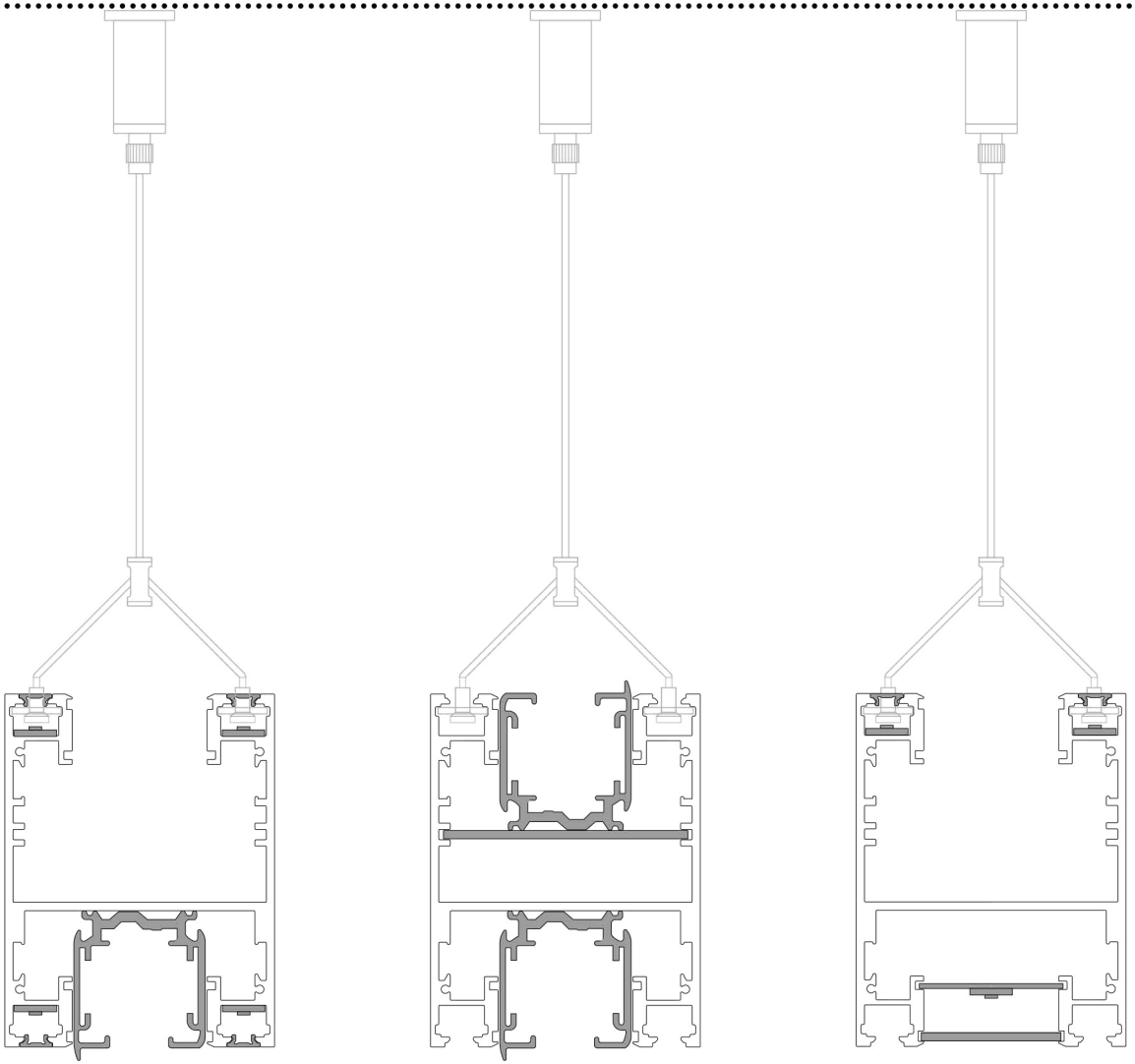
DESC.	
PROFILE KIT SUSPENSION Y WITH PLATE	①
PROFILE 2 + 1 PRO FLAT DIFFUSER FROSTED 35X3000MM	②
PROFILE 2 + 1 PRO FLAT DIFFUSER FROSTED 8X3000MM	③
PROFILE 2+1 PRO LINEAR PLATE 36X1000MM	④
PROFILE 2+1 PRO LINEAR PLATE 36X2000MM	④
PROFILE 2+1 PRO LINEAR PLATE 60X1000MM	⑤
PROFILE 2+1 PRO LINEAR PLATE 60X2000MM	⑤
PROFILE 04 9X1MM LINEAR UNION (4 UNITS)	⑥
PROFILE 04 9X1MM ANGULAR UNION (4 UNITS)	⑦
PROFILE 2+1 PRO END CAP	⑧











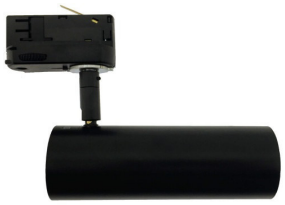
Múltiples configuraciones.
Multiple configurations.

ARTI CARRIL C/ADAP TRIF. TR-DC 1200lm

Proyector LED de 1200lm completamente orientable. Fabricado en aluminio, acabados blanco y negro (otros acabados bajo pedido).
Versiones LED 1200lm on/off y DALI.
Versión proyector con adaptador a carril trifásico.
5 años de garantía.

Características

Tipo de fuente	Led
Tip de instalación	Carril trifásico
Material	Alumino / hierro
Acabado color	Blanco mate RAL 9003 Negro mate RAL 9005
Tipo de instalación	Interior (IP 20)
Tamaño	160 x 55



Versión on/off

Óptica

Emisión de luz	Directa
Angulo de apertura	24º / 36º

Lámpara

Potencia	12,2w
Flujo luminoso (lm)	1200lm
Alimentación	Carril trifásico 220v -230v
Temperatura de color	2700k / 3000k / 4000k
Índice de repr. cromática (RA)	>92
Elipse de macadam (SDCM)	3 step
Eficiencia luminosa (lm/w)	75
Mantenimiento	L70/B50 >50.000h con tp = 75°

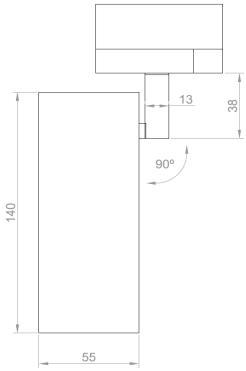


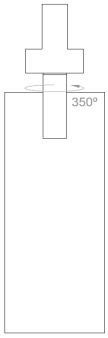
Versión DALI

Características eléctricas

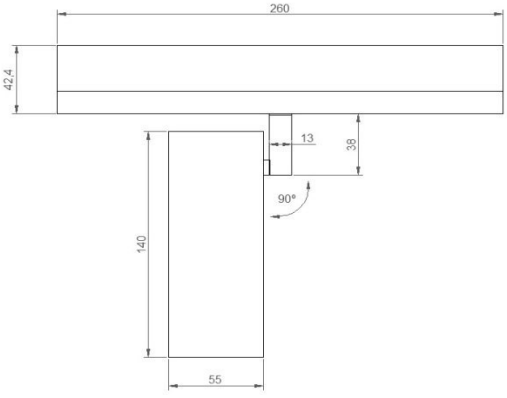
Grupo de alimentación	incluido
Regulable	on/off DALI

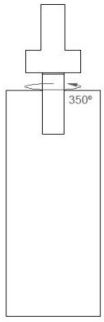
Versión on/off

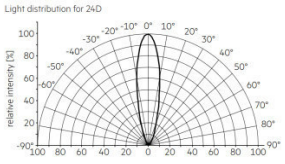


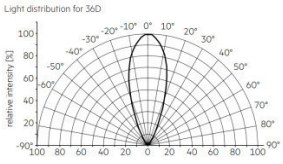


Versión DALI



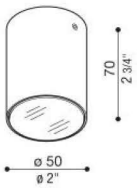






Ag

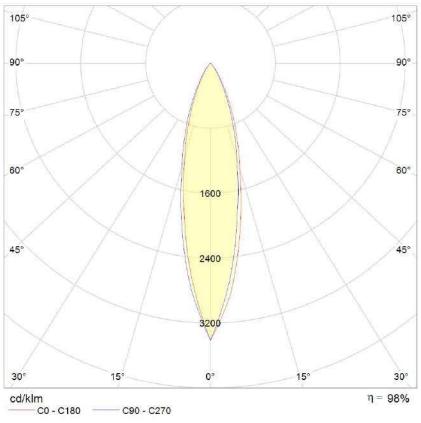


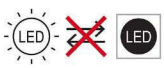


Informazioni tecniche:

Installazione:	Soffitto
Materiale Corpo:	Alluminio
Finitura:	Alluminio Anodizzato Nero
Trattamento:	Anodizzazione
Tipo di diffusore:	Vetro serigrafato
Inclinazione ottica:	25°
Tipo lampada:	LED
Classe energetica:	F
Temperatura colore:	3000K
CRI:	>80
LB Factor:	L80B50 - 50.000h
Rischio fotobiologico:	RG0
Potenza assorbita Watt:	5
Lumen:	600
Real Lumen:	497
Alimentazione:	integrata
LED:	AC DIRECT
Classe di isolamento:	CL.I
Grado di protezione:	**IP 65**
Resistenza alla rottura:	**IK 07 2J xx5**
Marchi di Conformità:	CE UKCA
Dimmerazione	Taglio di fase

Curva fotometrica:

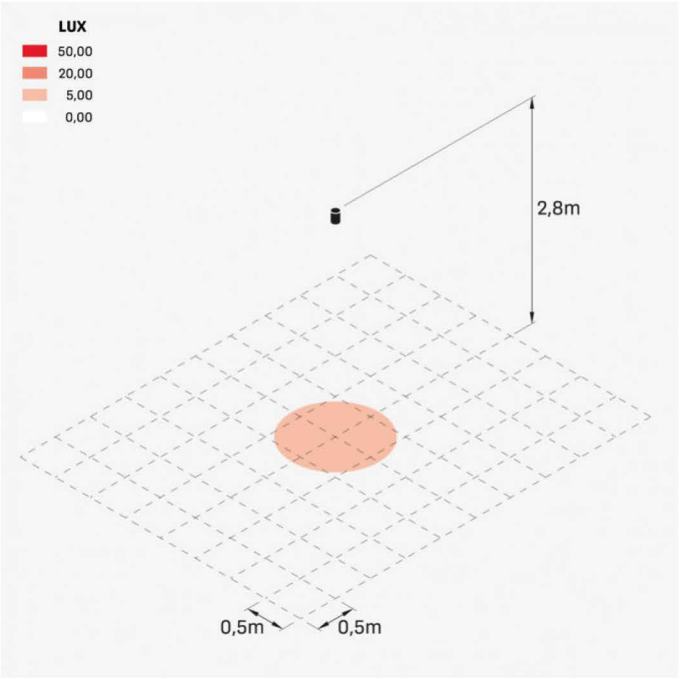




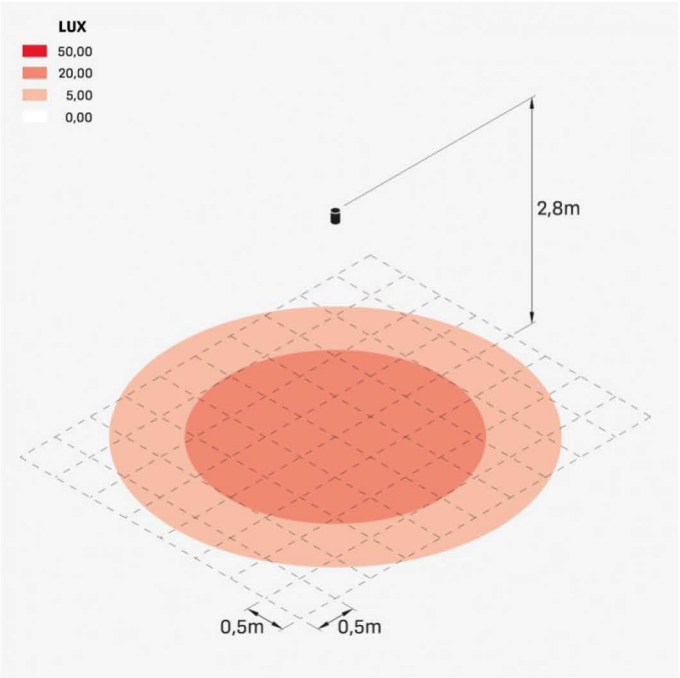




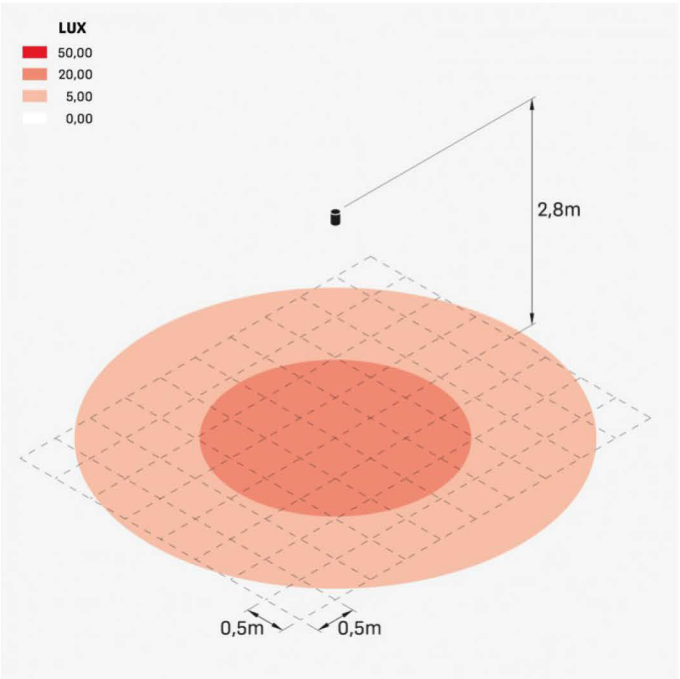
Simulazioni illuminotecniche:



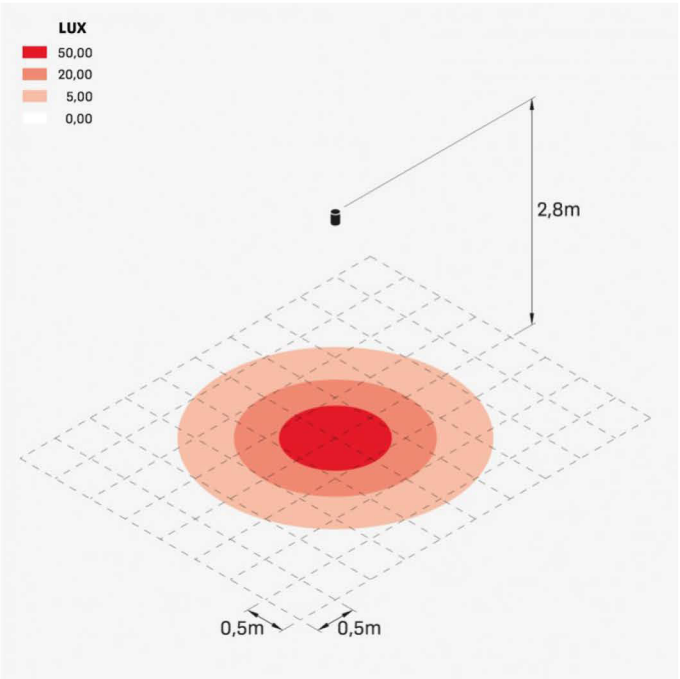
ag _d



ag _l



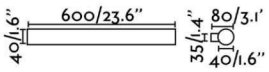
ag _m



ag _s

VG 600 es un aplique cromo con tecnología LED fabricado en aluminio. Gracias al IP44 es ideal para la iluminación del baño .





Características generales

Fijación	Pared, Techo
Clase	II
IP	44
Voltaje	100V-240V
Hercios	50/60Hz
Potencia Max.	12W

Material

Cuerpo/Estructura	Aluminio
Difusor	PMMA

Acabados

Cuerpo/Estructura	Cromado
Difusor	Opal

Características lumínicas

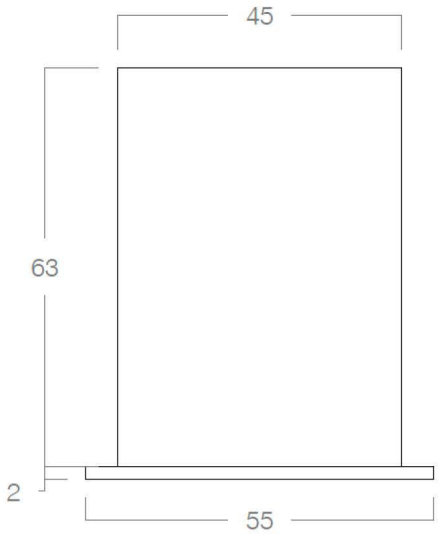
Fuente de luz incluida	Sí
Fuente de luz	SMD LED
Temperatura	3000K
LM	1231lm
CRI	>80
Orientación de la luz	Ambiental
Clasificación energética	D

Equipo eléctrico

Necesita Driver	Si
Driver incluido	Si

N5 55 BLANCO 36° 8W 2700K 795 LM CRI 93 DRIVER ON/OFF





DATOS GENERALES

Ubicación:	Interior
Instalación:	Empotrado
Tamaño corte (MM):	Diámetro 51
Estanqueidad:	IP 40
Garantía:	3 Años

DATOS FOTOMETRICOS

Tipo de iluminación:	LED
Potencia (W):	8
Flujo lumínico (Lm)	765
Eficiencia (lm/W):	96
Índice de reproducción cromática:	CRI 93
Ángulo de apertura haz de luz:	36°
Temperatura de color (K):	2.700

DATOS ELECTRICOS DRIVER

Tensión alimentación (V):	220/240
Frecuencia alimentación (Hz):	50/60
Control:	On/off
Clase de aislamiento eléctrico:	Clase III
Corriente constante (mA):	180
Tensión salida (V):	30-40

08/01/24 rev:0

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

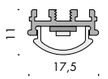




apparecchio di illuminazione a parete o soffitto per interni IP20. realizzato in estruso di alluminio ossidato di sezione piana, completo di diffusore curvo in policarbonato estruso. per il fissaggio utilizzare le apposite clip in dotazione.
dimensioni: sezione 17,5x11mm, da 110mm fino a 3010mm con un passo di 100mm.
cablato con sorgente elettronica lineare con limitatore di corrente integrato da 3000K Ra95 13W/m, predisposto all'estremità con connettore amp2 maschio e femmina.
alimentatore in tensione costante 24Vdc escluso, da installare remoto.
finiture: argento opaco.

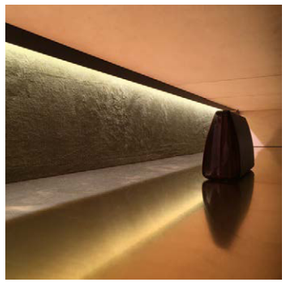
IP20 rated wall and ceiling light fitting for indoor use.
made of extruded oxidised aluminium with flat section, provided with a curved extruded polycarbonate diffuser. provided springs must be used for wall installation.
sizes: 17.5x11mm section, from 110mm up to 3010mm with a 100mm pitch.
wired with a 3000K Ra95 13W/m linear led source and an integrated current limiter, fitted with a male and female amp2 connector to the end.
constant voltage 24Vdc power supply not included, to be installed remotely.
finishes: matt silver.

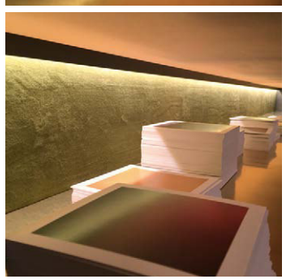




arcoled		24Vdc		IP20			CE	
Vb6.218.01	argento opaco · matt silver	3000K	1,3W	110mm	0,04			
Vb6.218.02	argento opaco · matt silver	3000K	2,6W	210mm	0,07			
Vb6.218.03	argento opaco · matt silver	3000K	3,9W	310mm	0,1			
Vb6.218.04	argento opaco · matt silver	3000K	5,2W	410mm	0,1			
Vb6.218.05	argento opaco · matt silver	3000K	6,5W	510mm	0,2			
Vb6.218.06	argento opaco · matt silver	3000K	7,8W	610mm	0,2			
Vb6.218.07	argento opaco · matt silver	3000K	9,1W	710mm	0,2			
Vb6.218.08	argento opaco · matt silver	3000K	10,4W	810mm	0,3			
Vb6.218.09	argento opaco · matt silver	3000K	11,7W	910mm	0,3			
Vb6.218.10	argento opaco · matt silver	3000K	13W	1010mm	0,3			
Vb6.218.11	argento opaco · matt silver	3000K	14,3W	1110mm	0,4			
Vb6.218.12	argento opaco · matt silver	3000K	15,6W	1210mm	0,4			
Vb6.218.13	argento opaco · matt silver	3000K	16,9W	1310mm	0,4			
Vb6.218.14	argento opaco · matt silver	3000K	18,2W	1410mm	0,5			
Vb6.218.15	argento opaco · matt silver	3000K	19,5W	1510mm	0,5			

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

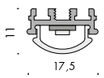






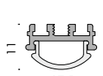


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arcoled		24Vdc	IP20				
Vb6.218.16	argento opaco · matt silver	3000K	20,8W	1610mm	0,5
Vb6.218.17	argento opaco · matt silver	3000K	22,1W	1710mm	0,6
Vb6.218.18	argento opaco · matt silver	3000K	23,4W	1810mm	0,6
Vb6.218.19	argento opaco · matt silver	3000K	24,7W	1910mm	0,6
Vb6.218.20	argento opaco · matt silver	3000K	26W	2010mm	0,7
Vb6.218.21	argento opaco · matt silver	3000K	27,3W	2110mm	0,7
Vb6.218.22	argento opaco · matt silver	3000K	28,6W	2210mm	0,7
Vb6.218.23	argento opaco · matt silver	3000K	29,9W	2310mm	0,7
Vb6.218.24	argento opaco · matt silver	3000K	31,2W	2410mm	0,8
Vb6.218.25	argento opaco · matt silver	3000K	32,5W	2510mm	0,8
Vb6.218.26	argento opaco · matt silver	3000K	33,8W	2610mm	0,9
Vb6.218.27	argento opaco · matt silver	3000K	35,1W	2710mm	0,9
Vb6.218.28	argento opaco · matt silver	3000K	36,4W	2810mm	0,9
Vb6.218.29	argento opaco · matt silver	3000K	37,7W	2910mm	0,9
Vb6.218.30	argento opaco · matt silver	3000K	39W	3010mm	1

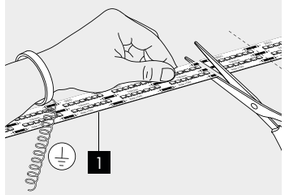
Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	24	1250	13	96
V0001	5.9	Ta25 °C		vita media · average life		50000 h	L80	B10

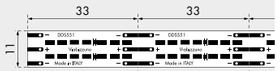


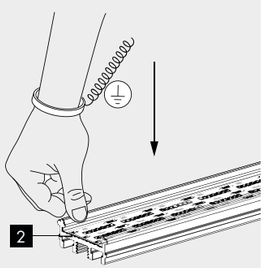
arcoled				
f6.218.99	profilo vuoto + policarbonato empty profile + polycarbonate	4 pz · pcs	3000mm	2
f6.218.90	profilo vuoto + policarbonato empty profile + polycarbonate	100 pz · pcs	3000mm	50



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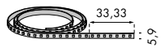






1 linea di luce Ra95

2 f6.218.99/90 arcoled



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 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	



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	

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

Vb6.250.191 2700K 5000mm 0,6

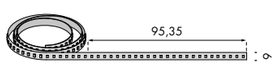
Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 96	Rg 99	step 3	24	2405	26	93	F
y27901026s	10	Ta25 °C vita media · average life 50000 h L80 B10						

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

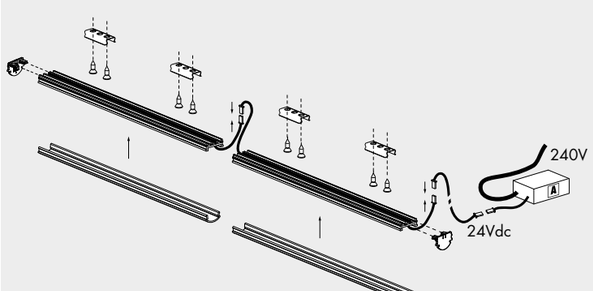
Ra	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W	
90	Rf 96	Rg 99	step 3	24	2863	26	110	F
y40901026s	10	Ta25 °C vita media · average life 50000 h L80 B10						



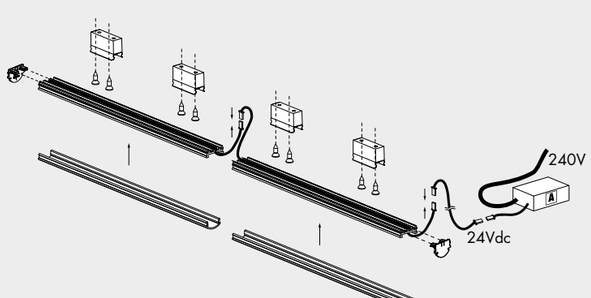
linea di luce **3x24Vdc pwm**

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

installazione con clip di supporto arcoled 13W/m f9.218.98/82
installation with support clip



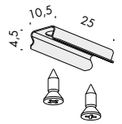
installazione con clip di supporto arcoled 26W/m Vb9.218.85/86
installation with support clip

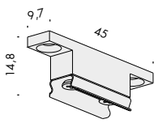


1 pezzo ogni 500mm · 1 piece every 500mm



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accessori. accessories.			☆ CE i
f9.218.98	clip di supporto arcoled 13W/m support clip for 13W/m arcoled	4 pz · pcs	0,01
f9.218.82	clip di supporto arcoled 13W/m support clip for 13W/m arcoled	100 pz · pcs	0,3
Vb9.218.86	clip di supporto arcoled 20W/m 26W/m support clip for 20W/m 26W/m arcoled	10 pz · pcs	0,1
Vb9.218.85	clip di supporto arcoled 20W/m 26W/m support clip for 20W/m 26W/m arcoled	100 pz · pcs	1,2
f9.218.81	tappi chiusura caps	argento opaco matt silver	100 pz · pcs 0,4
f9.218.83	tappi di chiusura caps	argento opaco matt silver	2 pz · pcs 0,01
f9.218.84	tappi chiusura caps	argento opaco matt silver	10 pz · pcs 0,03



cavi con connettore femmina amp2. cables with amp2 female connector.	IP20 ☆ CE i	
f9.204.90	150mm	0,01

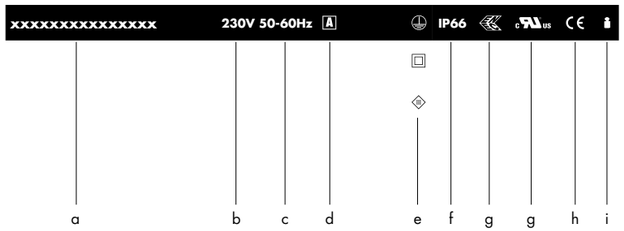


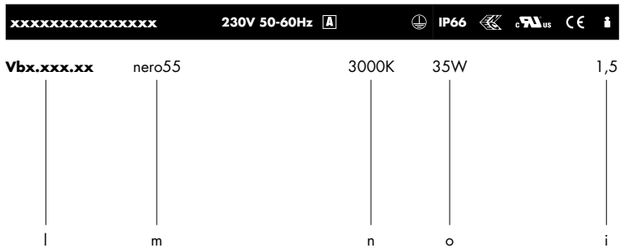
cavi con connettori m/f amp2. cables with m/f amp2 connectors.	IP20 ☆ CE i	
f9.204.91	2000mm	0,3

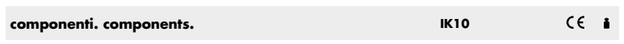


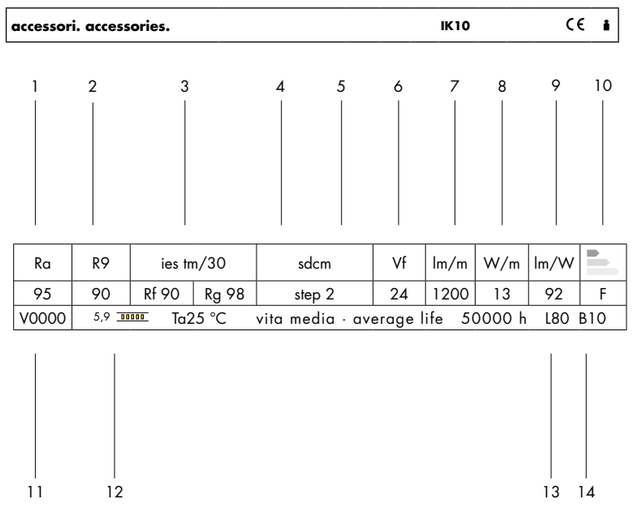
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lettura delle tabelle tecniche how to read technical tables









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

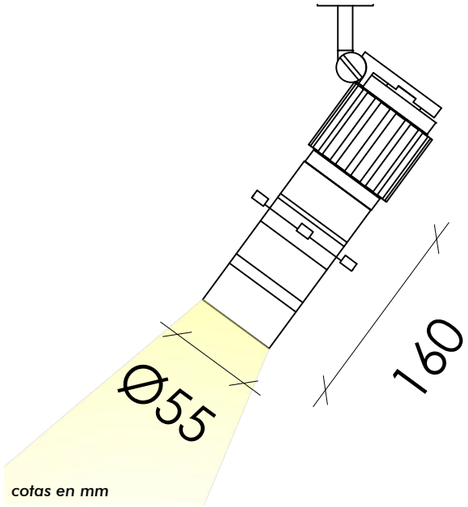
.SA *kit luce + emergenza sempre accese. attenzione: non è possibile installare nelle cassaforme laterizio*
light kit + permanently lit emergency lamp. please note: cannot be installed in brickwork housing

.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)



V *para mas información: recortador zoom*

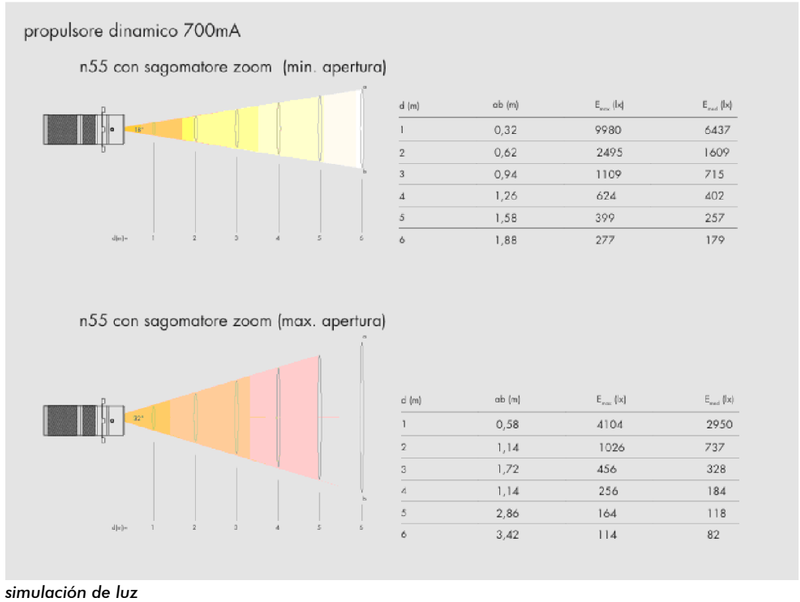


cotas en mm

zoom recortador

el sistema propuesto de zoom recortador está conformado por un proyector, en este caso siempre se proyectará la luz desde distintos sitemas lineales.
sobre ese proyector se instala la fuente de luz, para este proyecto se escogen 19.5w 700mA (otras opciones disponibles). las características técnicas del led son las siguientes;

a este led se adpapta el recortador zoom. el zoom permite aperturas de luz entre 18º y 32º además de la opción de recortar la luz sobre estos ángulos.



simulación de luz

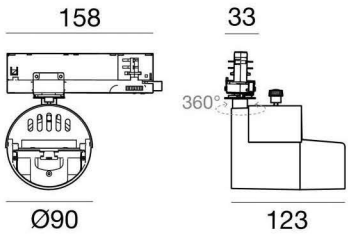
Vbobilbao
C/ Arbolantza, nº6, bajo, 48004 Bilbao t+34944978390 email:info@vbobilbao.com

WWasher

Proyectores | 176-264 V | 8 x powerLEDs 17 W DC - 19 W AC | CRI 90







Datos técnicos	
Tipo	Carril
Posición de instalación	Techo
Ambiente de instalación	Interiores
Fuente de luz	LED
Circuit structure	powerLEDs
Óptica	Adjustable Wall Washer
Light emission direction	frontal
Potencia nominal	17 W DC
Poder total	19 W
Flujo luminoso (fuente)	2174 lm
Tensión nominal de entrada	220 - 240 V AC
Rango de voltaje de entrada	176 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Índice de rendimientos cromático	90 Ra
C.C. / C.V.	AC
Clase de aislamiento	2
IP	IP20
Test del hilo incandescente	850°
Montaje directo sobre superficies normalmente inflamables	Sí
CE	Sí
Driver incluido.	driver
Artículo regulable	No
Orientabilidad	Orientabile
ángulo total (plano vertical)	90 °
ángulo total (plano horizontal)	360 °
Basculación	No
Practicabilidad	No
Transitabilidad	No
Cable incluido.	No
Resinado	No
Tipología de emisión luminosa	Una emisión
Peso neto	0.825 Kg
Protección descargas electrostáticas	Sí
Protección contra sobretensiones	2 KV

Acabado cuerpo	
Material	Aluminio fundido EN AB - 46100
Color	Negro
Elaboración	Recubrimiento en polvo

Proyectores | 176-264 V | 8 x powerLEDs 17 W DC - 19 W AC | CRI 90

Single emission projectors for indoor application. The warm white LED light source with a adjustable wall washer light distribution is composed of 8 powerled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2174 lm, with a 127.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.825 kg.

The total absorbed power is 19 W.

The device features protection class II and can be 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)	33 %
Flujo luminoso (fuente)	2174 lm
Flujo luminoso de luminaria	730 lm
Consumption	19 W
Rendimiento luminoso de las luminarias	38 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 / +50°C
Temperatura típica sobre el vidrio	40°C

LED Life / Failure Ratio
L70 B10 C0 250000h (at Tj 65 Ta 25)

OPTICAL	
Óptica C0/C180	57°
Light distribution simmetry	Asymmetrical

Proyectores | 176-264 V | 8 x powerLEDs 17 W DC - 19 W AC | CRI 90

Single emission projectors for indoor application. The warm white LED light source with a adjustable wall washer light distribution is composed of 8 powerled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2174 lm, with a 127.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.825 kg.

The total absorbed power is 19 W.

The device features protection class II and can be ceiling-mounted.

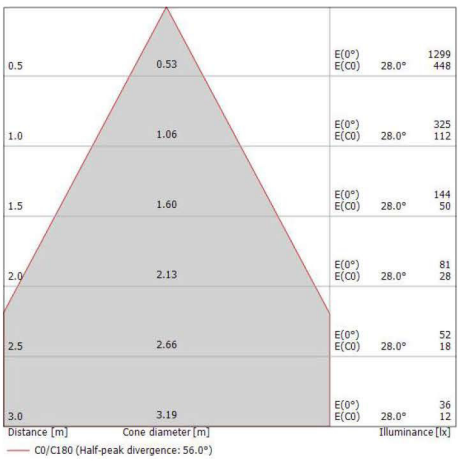
Compliant with the EN 60598-1 standard and its specific provisions.

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

Características Luminotécnicas	
Light Output Ratio (LOR)	44 %
Flujo luminoso (fuente)	2174 lm
Flujo luminoso de luminaria	972 lm
Consumption	19 W
Rendimiento luminoso de las luminarias	51 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 / +50°C
Temperatura típica sobre el vidrio	40°C

LED Life / Failure Ratio
L70 B10 C0 250000h (at Tj 65 Ta 25)

OPTICAL	
Óptica C0/C180	56°
Light distribution simmetry	Asymmetrical



Luminaria superficie de alta potencia, de efecto minimalista y limpio con un alto confort visual.
Ópticas adaptadas para reducir deslumbramiento.
Versión Led.
Versión superficie
5 años de garantía.

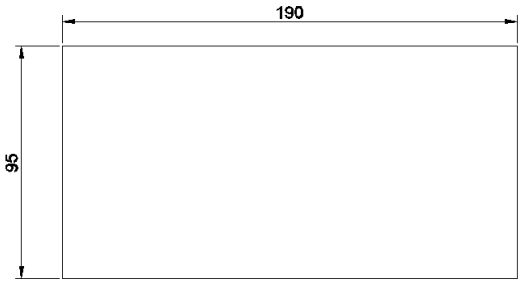


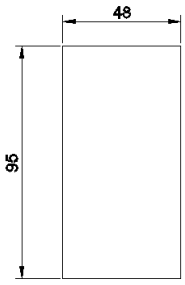
Características	
Tipo de fuente	Led (x4)
Tip de instalación	Superficie
Material	Hierro/Aluminio/Pmma
Acabado color	Negro Texturado Negro mate RAL 9005 Blanco mate RAL 9003
Tipo de instalación	Interior (IP 20)
Tamaño	190 x 95

Óptica	
Emisión de luz	Directa
Angulo de apertura	50º / 80º

Lámpara	
Potencia	7,5w
Flujo luminoso (lm)	1130lm
Alimentación	220v -230v
Temperatura de color	3000K
Índice de repr. cromática (RA)	>80
Elipse de macadam (SDCM)	3
Eficiencia luminosa (lm/w)	150lm/w
Mantenimiento	L90/F10 43.000h

Características eléctricas	
Grupo de alimentación	Incluido
Regulable	Opc. Dali/push o bluetooth



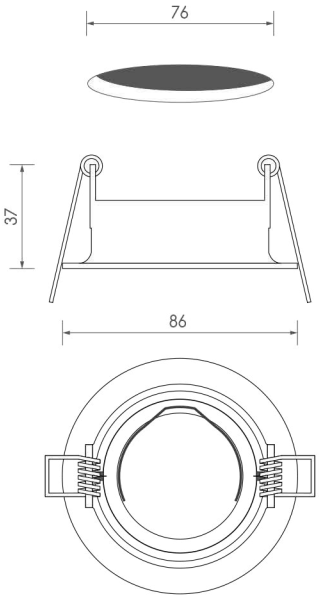


Downlight empotrable orientable. Compatible con lámparas GU10, GU5.3, módulo de LED (no incluido) y módulo COB. Se incluyen portalámparas GU10 y GU5.3.

Orientable recessed downlight. Compatible with GU10 and GU5.3 lamps, LED module (not included) and COB module. Gu10 and GU5.3 bulbholders included.

IP20 CE NOM





COD.	DESC.
POLOO00	POLO DOWNLIGHT RECESSED ORRIENTABLE WHITE
POLOO09	POLO DOWNLIGHT RECESSED ORIENTABLE BLACK

*Módulo LED no incluido (Ver LED MODULE)
LED module not included. (See LED MODULE).



SLA DC G2 50mm 700lm SNC

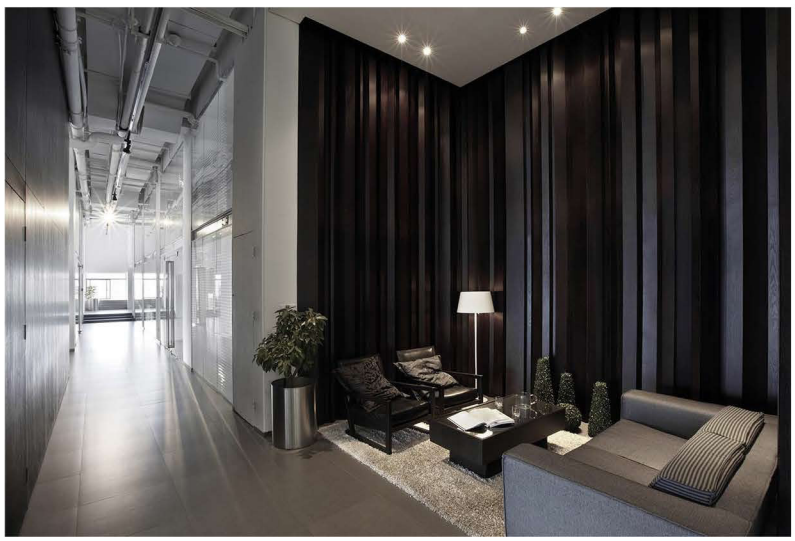


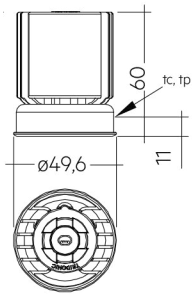


Product description
_ Fits in most existing MR16 / GU10 halogen luminaires
_ Replacement of 50 W MR16 halogen lamps or 20 W HID lamp
_ Module with integrated heatsink and optics
_ Free choice of variable dimming and non-dimming LED drivers
_ Pre-wired for quick and easy installation
_ Eye-catching lens optic with mirrors halogen facettes
_ Long lifetime: L70B50 >50,000 h
_ 5 years guarantee (conditions at

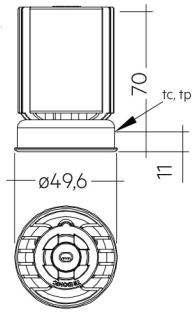
Optical properties
_ Colour temperatures 2,700, 3,000 and 4,000 K
_ Useful luminous flux 1,270 lm/W at Irated and tp = 75 °C
_ Efficacy of the LED module 104 lm/W at Irated and tp = 75 °C
_ Higher CRI, typical Ra = 92
_ Small colour tolerance (MacAdam 3)
_ Beam Angle: spot degree (12° / 24°) or downlight (36°)

Mechanical properties
_ Module dimension ø49.6 x 60 mm and ø49.6 x 70 mm
_ Mounting with mounting ring, see accessories





SLA DC G2 50mm 700lm SNC



SLA DC G2 50mm 1200lm SNC

Ordering data

Type	Colour temperature	Packaging	Weight per pc.
SLA DC G2 50mm 700lm 927 24D SNC	2,700 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 927 36D SNC	2,700 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 930 24D SNC	3,000 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 930 36D SNC	3,000 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 940 24D SNC	4,000 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 940 36D SNC	4,000 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 1200lm 927 12D SNC	2,700 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 927 24D SNC	2,700 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 927 36D SNC	2,700 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 930 12D SNC	3,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 930 24D SNC	3,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 930 36D SNC	3,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 940 12D SNC	4,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 940 24D SNC	4,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 940 36D SNC	4,000 K	80 pc(s).	0.101 kg

Technical data

Ambient temperature ta	-20 … +40 °C
tp rated for SLA DC 700lm	60 °C
tp rated for SLA DC 1200lm	75 °C
tc for SLA DC 700lm	75 °C
tc for SLA DC 1200lm	90 °C
Irated for SLA DC 700lm	250 mA
Irated for SLA DC 1200lm	350 mA
Imax for SLA DC 700lm	300 mA
Imax for SLA DC 1200lm	380 mA
Max. perm. LF current ripple for SLA DC 700lm	900 mA
Max. perm. LF current ripple for SLA DC 1200lm	1,030 mA
Max. permissible peak current for SLA DC 700lm	1,260 mA / max. 10 ms
Max. permissible peak current for SLA DC 1200lm	1,450 mA / max. 10 ms
Max. working voltage for insulation	60 V
Insulation test voltage	0.5 kV
ESD classification of LED module	Severity level 2
Colour tolerance	3 SDCM
Risk group (IEC 62471)	RG1
Type of protection	IP20
Lumen maintenance L70B50	50,000 h
Guarantee (conditions at www.tridonic.com)	5 Year(s)

Approval marks

EAC CE UKCA RoHS

Standards

EN 62031, EN 62471, EN 61547

Specific technical data

Type	Photometric code	Forward current	Usefull luminous flux at tp rated ①	Peak luminous intensity ② at tp rated	Beam characterist	Power consumption Pon at tp rated	Min. forward voltage at tc	Max. forward voltage at ta = -20 °C	Efficacy of the module at tp rated	Colour rendering index CRI
SLA DC G2 50mm 700lm 927 24D SNC	927/359	250 mA	770 lm	2,920 cd	24°	8.8 W	30.0 V	40.0 V	88 lm/W	> 90
SLA DC G2 50mm 700lm 927 36D SNC	927/359	250 mA	770 lm	1,540 cd	36°	8.8 W	30.0 V	40.0 V	88 lm/W	> 90
SLA DC G2 50mm 700lm 930 24D SNC	930/359	250 mA	840 lm	3,192 cd	24°	8.8 W	30.0 V	40.0 V	95 lm/W	> 90
SLA DC G2 50mm 700lm 930 36D SNC	930/359	250 mA	840 lm	1,680 cd	36°	8.8 W	30.0 V	40.0 V	95 lm/W	> 90
SLA DC G2 50mm 700lm 940 24D SNC	940/359	250 mA	890 lm	3,382 cd	24°	8.8 W	30.0 V	40.0 V	101 lm/W	> 90
SLA DC G2 50mm 700lm 940 36D SNC	940/359	250 mA	890 lm	1,780 cd	36°	8.8 W	30.0 V	40.0 V	101 lm/W	> 90
SLA DC G2 50mm 1200lm 927 12D SNC	927/349	350 mA	958 lm	6,123 cd	12°	12.2 W	32.4 V	37.6 V	79 lm/W	> 90
SLA DC G2 50mm 1200lm 927 24D SNC	927/349	350 mA	1,140 lm	4,300 cd	24°	12.2 W	32.4 V	37.6 V	93 lm/W	> 90
SLA DC G2 50mm 1200lm 927 36D SNC	927/349	350 mA	1,140 lm	2,200 cd	36°	12.2 W	32.4 V	37.6 V	93 lm/W	> 90
SLA DC G2 50mm 1200lm 930 12D SNC	930/349	350 mA	962 lm	5,885 cd	12°	12.2 W	32.4 V	37.6 V	79 lm/W	> 90
SLA DC G2 50mm 1200lm 930 24D SNC	930/349	350 mA	1,170 lm	4,400 cd	24°	12.2 W	32.4 V	37.6 V	96 lm/W	> 90
SLA DC G2 50mm 1200lm 930 36D SNC	930/349	350 mA	1,170 lm	2,300 cd	36°	12.2 W	32.4 V	37.6 V	96 lm/W	> 90
SLA DC G2 50mm 1200lm 940 12D SNC	940/349	350 mA	1,021 lm	6,429 cd	12°	12.2 W	32.4 V	37.6 V	84 lm/W	> 90
SLA DC G2 50mm 1200lm 940 24D SNC	940/349	350 mA	1,270 lm	4,000 cd	24°	12.2 W	32.4 V	37.6 V	104 lm/W	> 90
SLA DC G2 50mm 1200lm 940 36D SNC	940/349	350 mA	1,130 lm	2,000 cd	36°	12.2 W	32.4 V	37.6 V	93 lm/W	> 90

① Tolerance of useful light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %.
② Tolerance of peak luminous intensitiy - 0 % / + 15 %. Measurement uncertainty ± 10 %.

ARTI BASE SUPERFICIE GU10

Luminaria de superficie compuesta por un proyector completamente orientables. Fabricado en aluminio, acabados blanco y negro. Otros acabados consultar precios.
Versión superficie GU10
5 años de garantía.



Características

Tipo de fuente	GU10 (no incluida)
Tip de instalación	Superficie
Material	Alumino / hierro
Acabado color	Blanco / negro
Tipo de instalación	Interior (IP 20)
Tamaño	Ø58x30

Óptica

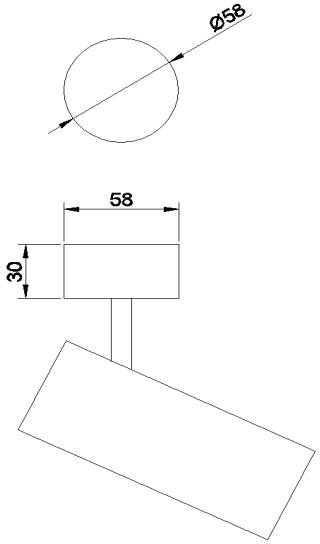
Emisión de luz	Directa
Angulo de apertura	-

Lámparas

Potencia	-
Alimentación	220v -230v
Temperatura de color	-
Índice de repr. cromática (RA)	-
Flujo luminoso (lm)	-
Elipse de macadam (SDCM)	-
Eficiencia luminosa (lm/w)	-

Características eléctricas

Grupo de alimentación	GU10
Regulable	-



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

n55® parete soffitto orientabile marionanni 2014



brevettato · patented

apparecchio di illuminazione a parete o soffitto per interni IP20 realizzato in alluminio ossidato.
modelli:
n55 parete soffitto orientabile con alimentatore 120-240V integrato 60x155mm h.133mm,
n55 parete soffitto orientabile con alimentatore escluso, diametro Ø80 con tige h.100mm,
n55 parete soffitto scomparsa totale orientabile con alimentatore escluso, con tige h.100mm.
in tutte le versioni la tige è di diametro Ø10mm con interfaccia orientabile di diametro Ø55mm.
da abbinare ai seguenti propulsori dinamici n55:
55/350e les19 9,7W 350mA 1240lm,
55/350 les19 9,7W 350mA 1240lm,
55/500 les19 14W 500mA 1580lm,
55/500 les9 13,6W 500mA 800lm,
65/500e les19 14W 500mA 1580lm,
65/700 les19 19,9W 700mA 2140lm,
65/700 les9 19,5W 700mA 1110lm,
82/1050 les19 30,5W 1050mA 3000lm.
tutti i propulsori sono Ra98 1 step macadam con sorgente elettronica 2700K, 3000K o 3000Vb K (progettato per il settore alta moda).
l'apposito attacco n55 permette di intercambiare tre tipi di diffusori: classico, decorativo e tecnico. eventuali irregolarità del vetro sono garanzia di un prodotto unico, soffiato e realizzato interamente a mano da maestri vetrai.
la versione con alimentatore integrato è fornita di controllo intelligente che regola automaticamente la corrente al tipo di propulsore. lo stesso alimentatore può essere ordinato a parte per le altre versioni.
accessori: cassaforma scomparsa totale per cartongesso e laterizio, tappi di chiusura, guarnizione con trappola di luce per diffusori trasparenti; frangiluce a nido d'ape, lente ellittica, antiabbagliamento per lampadine tecniche.
finiture: argento hacca, nero55, my bianco.
diffusori classici e decorativi con vetro trasparente, sabbiato e bianco latte.
personalizza la tua luce vai su www.Viabizzuno.com



IP20 rated wall or ceiling light fitting for indoor use made of oxidised aluminium.
versions:
n55 parete soffitto orientabile with 120-240V integrated power supply 60x155mm h.133mm,
n55 parete soffitto orientabile with power supply not included, Ø80 with h.100mm rod,
n55 parete soffitto scomparsa totale orientabile with power supply not included, with h.100mm rod;
in all versions the rod has a 10mm diameter with a Ø55mm adjustable interface.
which can be paired with the following propulsori dinamici n55:
55/350e les19 9.7W 350mA 1240lm,
55/350 les19 9.7W 350mA 1240lm,
55/500 les19 14W 500mA 1580lm,
55/500 les9 13.6W 500mA 800lm,
65/500e les19 14W 500mA 1580lm,
65/700 les19 19.9W 700mA 2140lm,
65/700 les9 19.5W 700mA 1110lm,
82/1050 les19 30.5W 1050mA 3000lm.
all propellers are Ra98 1 step macadam with 2700K, 3000K or 3000Vb K electronic source (designed for high fashion industry).
the specific n55 lamp-holder allows to change three types of light diffusor:
classic, decorative and technical. any irregularities in the glass are a guarantee of an unique product, blown and entirely hand crafted by master glassmakers.
the version with integrated power supply has a special intelligent control which automatically provides the suitable current according to the type of propeller. the same power supply can also be ordered separately for the other versions.
accessories: fully concealed housing for plasterboard and brickwork, end caps, gasket with light trap for transparent glass; honeycomb louvre, elliptical lens and anti-glare for technical bulbs.
finishes: argento hacca, nero55, my bianco.
classic and decorative diffusor with transparent, sanded and milk white glass.
customize your light visit www.Viabizzuno.com



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personalizza la tua luce
vai su Viabizzuno.com

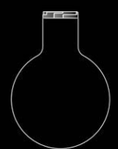
customize your light visit Viabizzuno.com



+



+





diffusore classico
classic diffusor

diffusore decorativo
decorative diffusor



diffusore tecnico
technical diffusor

1. scegli l'interfaccia
choose the interface

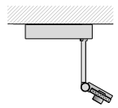
2. scegli il propulsore dinamico n55
choose the propulsore dinamico n55

3. scegli il tuo diffusore classico, decorativo e tecnico
choose your classic, decorative and technical diffusor

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n55 parete soffitto orientabile

n55 parete soffitto orientabile a.i.
interfaccia
alimentatore integrato
integrated power supply



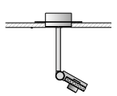
n55 parete soffitto orientabile a.r.
interfaccia
alimentatore incassato
recessed power supply



n55 parete soffitto orientabile a.r.
interfaccia
alimentatore remoto
remote power supply



n55 parete soffitto orientabile a.r.
interfaccia
alimentatore remoto con rosone scomparsa totale
remote power supply with fully concealed rose



propulsore dinamico n55

55/350e
les19
350mA
1240 lm
9,7W
128 lm/W

55/350
les19
350mA
1240 lm
9,7W
128 lm/W

55/500
les19
500mA
1580 lm
14W
113 lm/W

55/500
les9
500mA
800 lm
13,6W
59 lm/W

65/500e
les19
500mA
1580 lm
14W
113 lm/W

65/700
les19
700mA
2140 lm
19,9W
108 lm/W

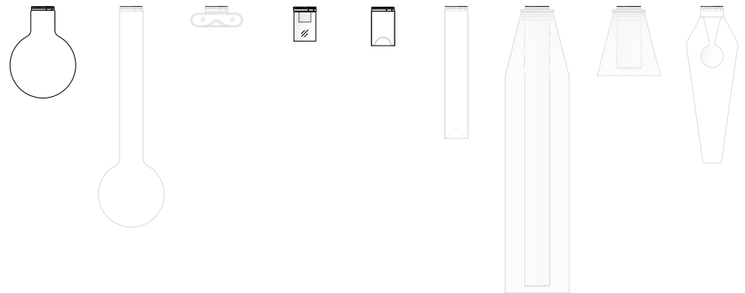
65/700
les9
700mA
1110 lm
19,5W
57 lm/W

82/1050
les19
1050mA
3000lm
30,5W
98 lm/W

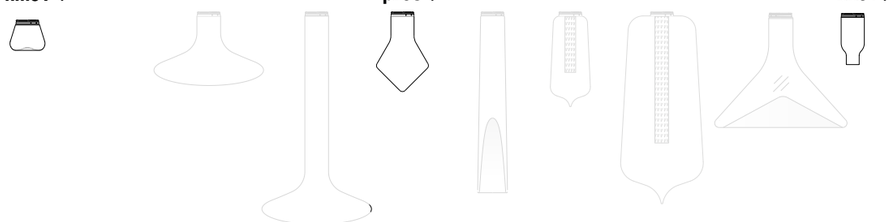
diffusore classico
classic diffusor

diffusore decorativo
decorative diffusor

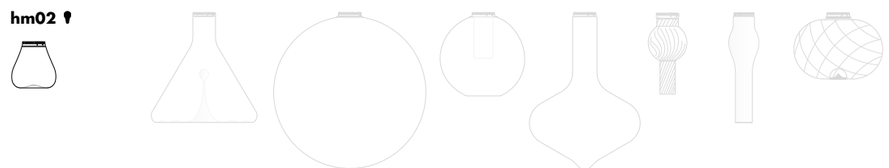
mn01 **mn07** **dc01**



hm01 **pz03** **kk01**



hm02



ajp01



diffusore tecnico
technical diffusor

	spot35	spot55x37	spot55x61
les19	87°	30° 38°	36° 47°
les9		18° 23° 36°	

	spot82x35	spot82x79
les19	31° 42°	23° 37° 46°
les9	13° 19° 23° 35°	

spot100

les19	16° 25° 40° 54°
les9	10° 22°

lensoptica amP150

les19	22° 51°
les9	13°

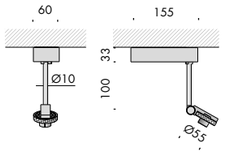
lensoptica amP180

les19	15° 41° 53° 20°x55°
les9	10°

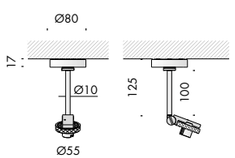
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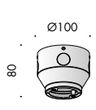
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n55 parete soffitto orientabile interfaccia 120-240V 50-60Hz Ai IP20			
Vb6.580.05	argento hacca	n55	0,7
Vb6.580.06	nero55	n55	0,7
Vb6.580.07	my bianco	n55	0,7



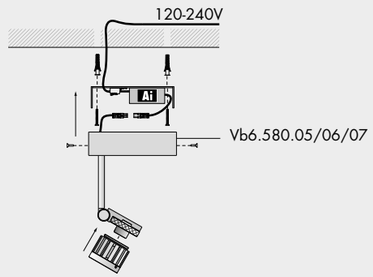
n55 parete soffitto orientabile interfaccia IP20			
Vb6.580.13	argento hacca	n55	0,5
Vb6.580.14	nero55	n55	0,5
Vb6.580.15	my bianco	n55	0,5

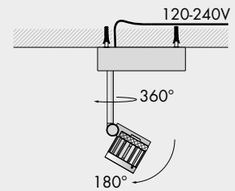


accessori. accessories.		
Vb9.580.70	cassaforma laterizio per alimentatore brick housing for power supply	0,2

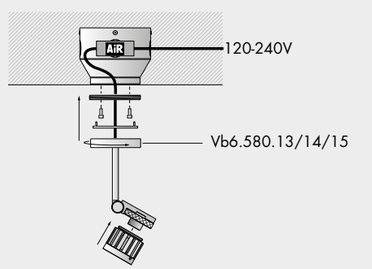


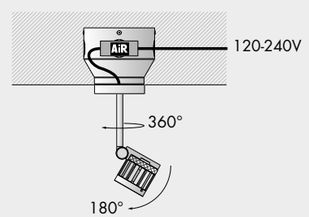
n55 parete soffitto orientabile
rosone con alimentatore integrato
ceiling rose with integrated power supply



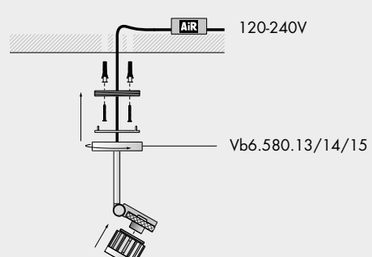


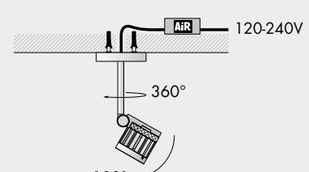
rosone con cassaforma laterizio per alimentatore
ceiling rose with brick housing for power supply





rosone con alimentatore remoto
ceiling rose with remote power supply



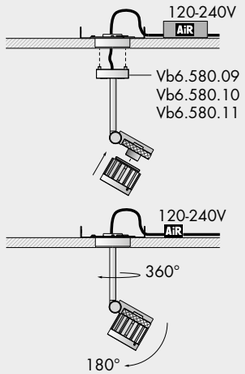


Ai alimentatore elettronico con controllo intelligente
AiR electonic power supply with smart control

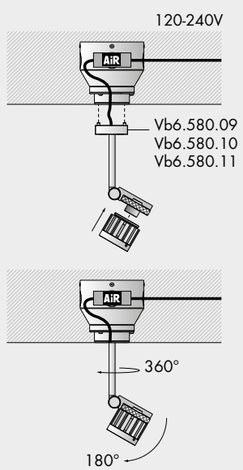
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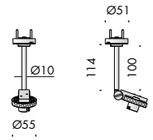
n55 parete soffitto orientabile
scomparsa totale

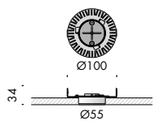
cassaforma cartongesso
scomparsa totale
plasterboard housing total recessed

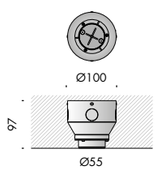


cassaforma laterizio per alimentatore
brick housing for power supply

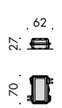










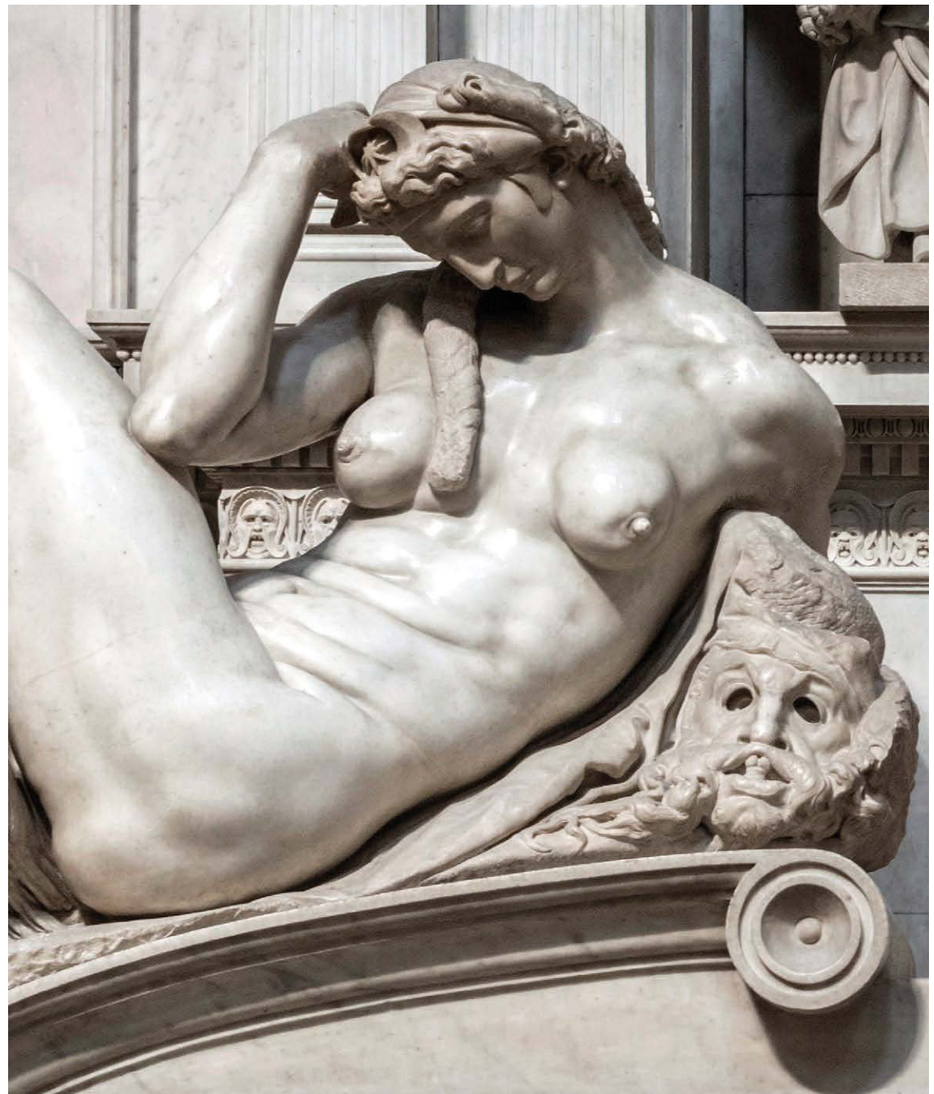


n55 parete soffitto orientabile interfaccia scomparsa totale IP20			
Vb6.580.09	argento hacca	n55	0,5
Vb6.580.10	nero55	n55	0,5
Vb6.580.11	my bianco	n55	0,5

rosoni di alimentazione. ceiling roses.		
Vb9.580.73	cassaforma cartongesso scomparsa totale plasterboard housing total recessed	0,2
Vb9.580.74	cassaforma laterizio scomparsa totale brick housing total recessed	0,2

accessori scomparsa totale. fully concealed accessories.			
Vb9.580.83	tappo di chiusura · end cap	argento hacca	0,1
Vb9.580.84	tappo di chiusura · end cap	nero55	0,1
Vb9.580.85	tappo di chiusura · end cap	my bianco	0,1

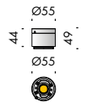
alimentatore. power supply. 120-240V 50-60Hz IP20			
Vb9.580.80	alimentatore elettronico con controllo intelligente electronic power supply with smart control	40W	0,2



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propulsore dinamico n55 55/350e IP20

Vb9.580.150.27	argento hacca	2700K	les19	n55	0,2
Vb9.580.151.27	nero55	2700K	les19	n55	0,2
Vb9.580.152.27	my bianco	2700K	les19	n55	0,2

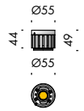
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.150.30	argento hacca	3000K	les19	n55	0,2
Vb9.580.151.30	nero55	3000K	les19	n55	0,2
Vb9.580.152.30	my bianco	3000K	les19	n55	0,2

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm001	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.150.30v	argento hacca	3000VbK	les19	n55	0,2
Vb9.580.151.30v	nero55	3000VbK	les19	n55	0,2
Vb9.580.152.30v	my bianco	3000VbK	les19	n55	0,2

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	350	27,6	1240	9,7	128
xm007	les19	Ta25 °C		vita media · average life			70000 h	L80	B10



propulsore dinamico n55 55/350 IP20

Vb9.580.50.27	argento hacca	2700K	les19	n55	0,2
Vb9.580.51.27	nero55	2700K	les19	n55	0,2
Vb9.580.52.27	my bianco	2700K	les19	n55	0,2

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

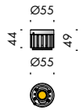
Vb9.580.50.30	argento hacca	3000K	les19	n55	0,2
Vb9.580.51.30	nero55	3000K	les19	n55	0,2
Vb9.580.52.30	my bianco	3000K	les19	n55	0,2

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm001	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.50.30v	argento hacca	3000VbK	les19	n55	0,2
Vb9.580.51.30v	nero55	3000VbK	les19	n55	0,2
Vb9.580.52.30v	my bianco	3000VbK	les19	n55	0,2

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	350	27,6	1240	9,7	128
xm007	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

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propulsore dinamico n55 55/500			IP20					
Vb9.580.62.27	argento hacca	2700K		les19 ●	n55	0,2		
Vb9.580.63.27	nero55	2700K		les19 ●	n55	0,2		
Vb9.580.64.27	my bianco	2700K		les19 ●	n55	0,2		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.62.30	argento hacca	3000K		les19 ●	n55	0,2		
Vb9.580.63.30	nero55	3000K		les19 ●	n55	0,2		
Vb9.580.64.30	my bianco	3000K		les19 ●	n55	0,2		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm001	les19 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.62.30v	argento hacca	3000VbK		les19 ●	n55	0,2		
Vb9.580.63.30v	nero55	3000VbK		les19 ●	n55	0,2		
Vb9.580.64.30v	my bianco	3000VbK		les19 ●	n55	0,2		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	500	27,9	1580	14,0	113
xm007	les19 ●	Ta25 °C		vita media · average life			70000 h	L80	B10



propulsore dinamico n55 55/500			IP20					
Vb9.580.101.27	argento hacca	2700K		les9 ●	n55	0,2		
Vb9.580.102.27	nero55	2700K		les9 ●	n55	0,2		
Vb9.580.103.27	my bianco	2700K		les9 ●	n55	0,2		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59
xe000	les9 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

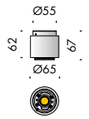
Vb9.580.101.30	argento hacca	3000K		les9 ●	n55	0,2		
Vb9.580.102.30	nero55	3000K		les9 ●	n55	0,2		
Vb9.580.103.30	my bianco	3000K		les9 ●	n55	0,2		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59
xe001	les9 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.101.30v	argento hacca	3000VbK		les9 ●	n55	0,2		
Vb9.580.102.30v	nero55	3000VbK		les9 ●	n55	0,2		
Vb9.580.103.30v	my bianco	3000VbK		les9 ●	n55	0,2		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	500	27,1	800	13,6	59
xe007	les9 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

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propulsore dinamico n55 65/500e IP20

Vb9.580.154.27	argento hacca				2700K			les19		n55	0,3		
Vb9.580.155.27	nero55				2700K			les19		n55	0,3		
Vb9.580.156.27	my bianco				2700K			les19		n55	0,3		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.154.30	argento hacca				3000K			les19		n55	0,3		
Vb9.580.155.30	nero55				3000K			les19		n55	0,3		
Vb9.580.156.30	my bianco				3000K			les19		n55	0,3		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm001	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.154.30v	argento hacca				3000VbK			les19		n55	0,3		
Vb9.580.155.30v	nero55				3000VbK			les19		n55	0,3		
Vb9.580.156.30v	my bianco				3000VbK			les19		n55	0,3		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	500	27,9	1580	14,0	113
xm007	les19	Ta25 °C		vita media · average life			70000 h	L80	B10



propulsore dinamico n55 65/700 IP20

Vb9.580.54.27	argento hacca				2700K			les19		n55	0,3		
Vb9.580.55.27	nero55				2700K			les19		n55	0,3		
Vb9.580.56.27	my bianco				2700K			les19		n55	0,3		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

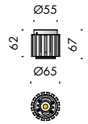
Vb9.580.54.30	argento hacca				3000K			les19		n55	0,3		
Vb9.580.55.30	nero55				3000K			les19		n55	0,3		
Vb9.580.56.30	my bianco				3000K			les19		n55	0,3		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108
xm001	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.54.30v	argento hacca				3000VbK			les19		n55	0,3		
Vb9.580.55.30v	nero55				3000VbK			les19		n55	0,3		
Vb9.580.56.30v	my bianco				3000VbK			les19		n55	0,3		

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	700	28,4	2140	19,9	108
xm007	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

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propulsore dinamico n55 65/700 IP20

Vb9.580.106.27	argento hacca	2700K	les9	n55	0,3
Vb9.580.107.27	nero55	2700K	les9	n55	0,3
Vb9.580.108.27	my bianco	2700K	les9	n55	0,3

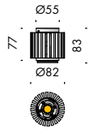
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	27,9	1110	19,5	57
xe000	les9	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.106.30	argento hacca	3000K	les9	n55	0,3
Vb9.580.107.30	nero55	3000K	les9	n55	0,3
Vb9.580.108.30	my bianco	3000K	les9	n55	0,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	27,9	1110	19,5	57
xe001	les9	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.106.30v	argento hacca	3000VbK	les9	n55	0,3
Vb9.580.107.30v	nero55	3000VbK	les9	n55	0,3
Vb9.580.108.30v	my bianco	3000VbK	les9	n55	0,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	700	27,9	1110	19,5	57
xe007	les9	Ta25 °C		vita media · average life			70000 h	L80	B10



propulsore dinamico n55 82/1050 IP20

Vb9.580.58.27	argento hacca	2700K	les19	n55	0,5
Vb9.580.59.27	nero55	2700K	les19	n55	0,5
Vb9.580.60.27	my bianco	2700K	les19	n55	0,5

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.58.30	argento hacca	3000K	les19	n55	0,5
Vb9.580.59.30	nero55	3000K	les19	n55	0,5
Vb9.580.60.30	my bianco	3000K	les19	n55	0,5

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98
xm001	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.58.30v	argento hacca	3000VbK	les19	n55	0,5
Vb9.580.59.30v	nero55	3000VbK	les19	n55	0,5
Vb9.580.60.30v	my bianco	3000VbK	les19	n55	0,5

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	1050	29,0	3000	30,5	98
xm007	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

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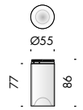
marionanni		☆	UK CA	CE	
Vb9.580.01.t	hm01 trasparente · transparent			n55	0,05
Vb9.580.01.s	hm01 sabbiata · sanded			n55	0,05
Vb9.580.01.b	hm01 bianco latte · milk white			n55	0,05
Vb9.580.02.t	hm02 trasparente · transparent			n55	0,1
Vb9.580.02.s	hm02 sabbiata · sanded			n55	0,1
Vb9.580.02.b	hm02 bianco latte · milk white			n55	0,1





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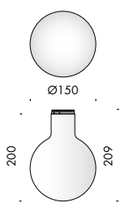




david chipperfield

Vb9.580.05.s	dc01 sabbiato · sanded	n55	0,1

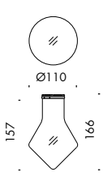


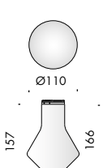


marionanni

Vb9.580.03.s	mn01 sabbiato · sanded	n55	0,3

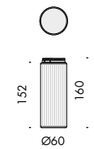






peter zumthor

Vb9.580.11.t	pz03 trasparente · transparent	n55	0,2
Vb9.580.11.s	pz03 sabbiato · sanded	n55	0,2



al-jawad pike

Vb9.580.18.tr	ajp01 trasparente, rigato · transparent, striped	n55	0,2





kengo kuma

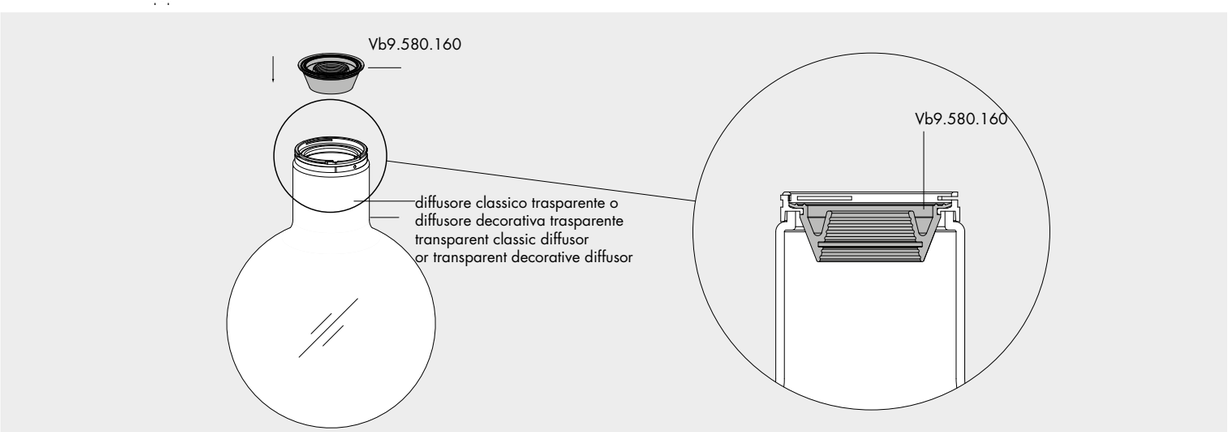
Vb9.580.07.c	kk01 cristallo · crystal	n55	0,3





accessori per lampadina trasparente. transparent bulb accessories.

Vb9.580.160	trappola di luce antiabbagliamento nero anti-glare black light trap	0,03



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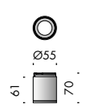


spot35					
Vb9.580.21	argento hacca		87° les19	n55	0,1
Vb9.580.22	nero55		87° les19	n55	0,1
Vb9.580.22.b	my bianco		87° les19	n55	0,1

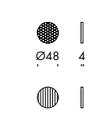


spot55x37					
Vb9.580.121	argento hacca	18° les9		n55	0,1
Vb9.580.122	nero55	18° les9		n55	0,1
Vb9.580.122.b	my bianco	18° les9		n55	0,1
Vb9.580.123	argento hacca	23° les9	30° les19	n55	0,1
Vb9.580.124	nero55	23° les9	30° les19	n55	0,1
Vb9.580.124.b	my bianco	23° les9	30° les19	n55	0,1
Vb9.580.125	argento hacca	36° les9	38° les19	n55	0,1
Vb9.580.126	nero55	36° les9	38° les19	n55	0,1
Vb9.580.126.b	my bianco	36° les9	38° les19	n55	0,1





spot55x61					
Vb9.580.25	argento hacca		36° les19	n55	0,2
Vb9.580.26	nero55		36° les19	n55	0,2
Vb9.580.26.b	my bianco		36° les19	n55	0,2
Vb9.580.27	argento hacca		47° les19	n55	0,2
Vb9.580.28	nero55		47° les19	n55	0,2
Vb9.580.28.b	my bianco		47° les19	n55	0,2



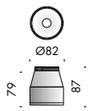
accessori. accessories.		
Vb9.580.91	frangiluce nido d'ape · honeycomb louvre	0,01
Vb9.580.92	lente ellittica · elliptical lens	0,04





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spot82x79					
Vb9.580.31	argento hacca	23° les19		n55	0,2
Vb9.580.32	nero55	23° les19		n55	0,2
Vb9.580.32.b	my bianco	23° les19		n55	0,2
Vb9.580.33	argento hacca	37° les19		n55	0,2
Vb9.580.34	nero55	37° les19		n55	0,2
Vb9.580.34.b	my bianco	37° les19		n55	0,2
Vb9.580.35	argento hacca	46° les19		n55	0,2
Vb9.580.36	nero55	46° les19		n55	0,2
Vb9.580.36.b	my bianco	46° les19		n55	0,2







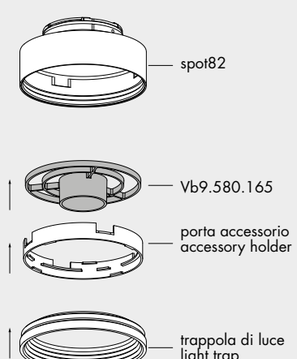


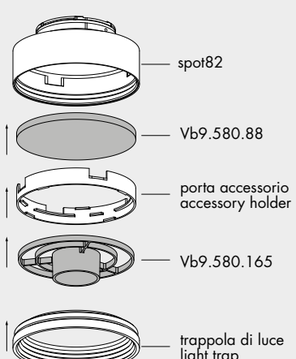
accessori spot82. accessories.		
Vb9.580.86	frangiluce nido d'ape · honeycomb louvre	0,01
Vb9.580.87	lente ellittica · elliptical lens	0,05
Vb9.580.88	vetro albarino · albarino glass	0,05
Vb9.580.165	anti abbagliamento · anti-glare	0,03





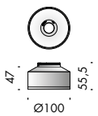
spot82x35					
Vb9.580.131	argento hacca	13° les9		n55	0,1
Vb9.580.132	nero55	13° les9		n55	0,1
Vb9.580.137	my bianco	13° les9		n55	0,1
Vb9.580.133	argento hacca	19° les9		n55	0,1
Vb9.580.134	nero55	19° les9		n55	0,1
Vb9.580.138	my bianco	19° les9		n55	0,1
Vb9.580.135	argento hacca	23° les9	31° les19	n55	0,1
Vb9.580.136	nero55	23° les9	31° les19	n55	0,1
Vb9.580.141	my bianco	23° les9	31° les19	n55	0,1
Vb9.580.139	argento hacca	35° les9	42° les19	n55	0,1
Vb9.580.140	nero55	35° les9	42° les19	n55	0,1
Vb9.580.142	my bianco	35° les9	42° les19	n55	0,1





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spot100					
Vb9.580.37	argento hacca	10° les9	16° les19	n55	0,1
Vb9.580.38	nero55	10° les9	16° les19	n55	0,1
Vb9.580.38.b	my bianco	10° les9	16° les19	n55	0,1
Vb9.580.39	argento hacca	22° les9	25° les19	n55	0,1
Vb9.580.40	nero55	22° les9	25° les19	n55	0,1
Vb9.580.40.b	my bianco	22° les9	25° les19	n55	0,1
Vb9.580.41	argento hacca		40° les19	n55	0,1
Vb9.580.42	nero55		40° les19	n55	0,1
Vb9.580.42.b	my bianco		40° les19	n55	0,1
Vb9.580.43	argento hacca		54° les19	n55	0,1
Vb9.580.44	nero55		54° les19	n55	0,1
Vb9.580.44.b	my bianco		54° les19	n55	0,1



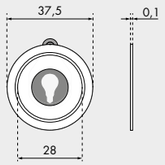


accessori spot100. accessories.		
Vb9.580.93	frangiluce nido d'ape · honeycomb louvre	0,01
Vb9.580.94	lente ellittica · elliptical lens	0,05

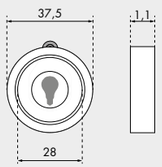


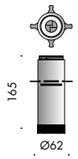
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dimensioni gobos in acciaio
steel gobos size



dimensioni gobos in vetro
glass gobos size







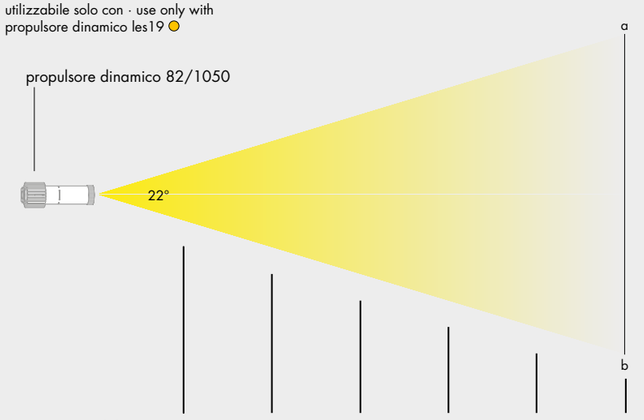
n55 spot sagomatore

Vb9.580.120	sagomatore · profile spot	les19	n55	0,7

accessori. accessories.

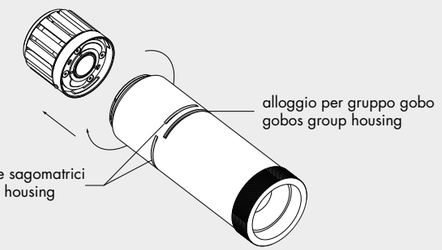
Vb9.580.118	gruppo per alloggiamento gobo in vetro housing for glass gobos	0,01
Vb9.580.119	gruppo per alloggiamento gobo in acciaio housing for steel gobos	0,1

utilizzabile solo con · use only with
propulsore dinamico les19

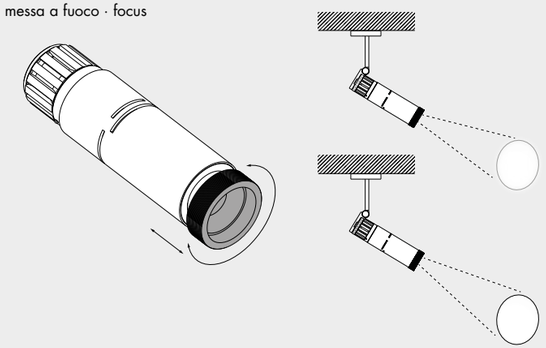


d (m)	ab (m)	e_{max} (lx)	e_{med} (lx)
1	0,38	2761	2273
2	0,76	690	568
3	1,14	307	253
4	1,51	173	142
5	1,89	110	91
6	2,27	77	63

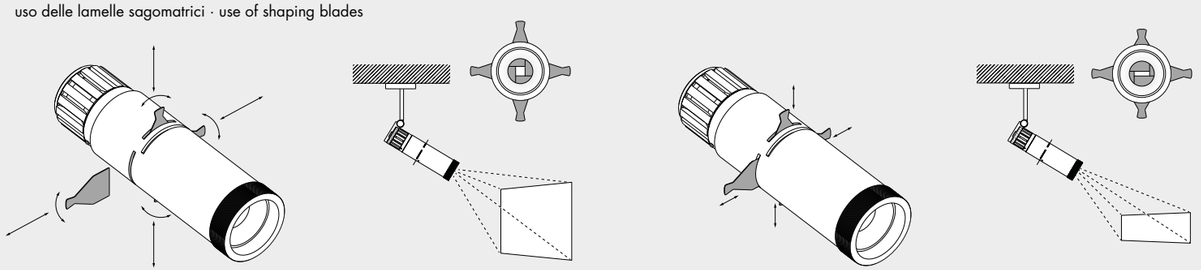
montaggio su propulsore dinamico n55
propeller mounting



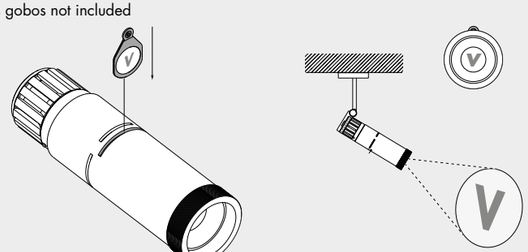
messa a fuoco · focus



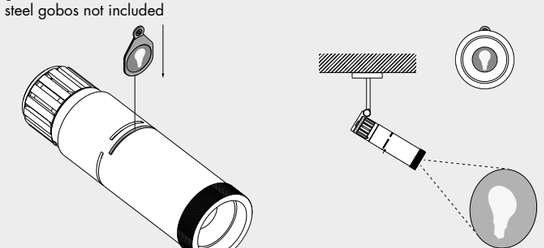
uso delle lamelle sagomatrici · use of shaping blades



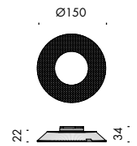
gobo in vetro non incluso
glass gobos not included



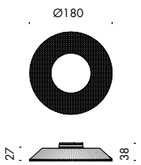
gobo in acciaio non incluso
steel gobos not included



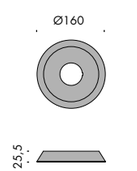
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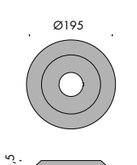
lensoptica amP150					
Vb9.518.91	fascio stretto narrow beam	13° 22°	les9 les19	n55	0,3
Vb9.518.92	fascio largo wide beam	51°	les19	n55	0,3



lensoptica amP180					
Vb9.518.81	fascio stretto narrow beam	10° 15°	les9 les19	n55	0,6
Vb9.518.82	fascio medio medium beam	41°	les19	n55	0,6
Vb9.518.83	fascio largo wide beam	53°	les19	n55	0,6
Vb9.518.84	fascio ellittico elliptical beam	20°x55°	les19	n55	0,6



riflettore in metallo 150		
Vb9.518.95.n	nero55	0,1
Vb9.518.95.mb	my bianco	0,1
Vb9.518.95.h	argento hacca	0,1



riflettore in metallo 180		
Vb9.518.96.n	nero55	0,1
Vb9.518.96.mb	my bianco	0,1
Vb9.518.96.h	argento hacca	0,1



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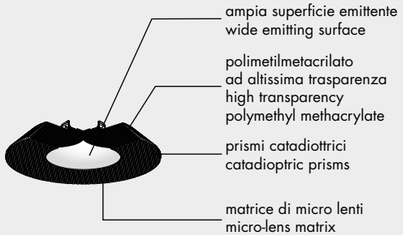
propulsore dinamico n55



riflettore in metallo · metal reflector



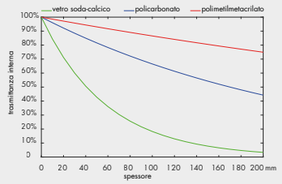
lensoptica amP



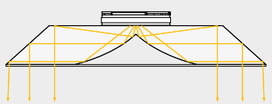
lensoptica amP è il risultato di una ricerca sviluppata da Viabizzuno su progetto david chipperfield architects con lo studio internazionale di ingegneria arup per fornire alle sorgenti luminose elettroniche un'ottica ad alta efficienza in grado di avere sia una luce concentrata che diffusa.
l'alta efficienza viene ottenuta utilizzando un materiale ad altissima trasparenza, il polimetilmetacrilato, per mezzo di prismi catadiottrici progettati per riflettere e trasmettere la luce minimizzando le perdite per assorbimento: tali elementi riflettono verso il basso il 90% del flusso luminoso incidente e ne trasmettono il 10% garantendo così una percentuale di emissione indiretta, non ottenibile con il riflettore in metallo.
la matrice di microlenti regola in modo preciso l'ampiezza angolare del fascio luminoso.
l'ampia superficie emittente garantisce un alto comfort visivo e UGR<19.
lensoptica amP is the result of a long research and development process made by Viabizzuno on a david chipperfield architects with arup, international engineering studio, design to provide electronic light sources with a high efficiency optics that can have either a focused and a diffuse light.
high efficiency is achieved thanks to a very high transparent material, i.e. polymethyl methacrylate, by means of catadioptric prisms specifically designed to reflect and transmit light reducing losses due to absorption: these elements, reflect 90% of the incident light flow downwards and transmit 10% of it, assuring this way a percentage of indirect emission which could not be reached with metal reflector.
the microlens array precisely regulates the angular amplitude of the light beam.
the large emitter surface limits luminance, ensuring high visual comfort and UGR<19.

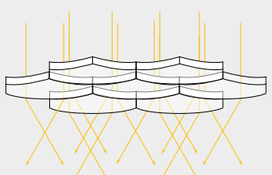
materiale	coefficiente d'assorbimento α
vetro soda calcico	0,017 mm^{-1}
policarbonato	0,004 mm^{-1}
polimetilmetacrilato	0,0014 mm^{-1}

la trasmittanza interna (T) di un materiale trasparente è determinata dallo spessore (x) e dal coefficiente d'assorbimento del materiale stesso (α) secondo la legge di lambert-beer $T_{(x)} = e^{-\alpha x}$
the internal transmittance of a transparent material (T) is determined by the thickness (x) and by the absorbing coefficient of the material itself (α) due to lambert-beer law $T_{(x)} = e^{-\alpha x}$



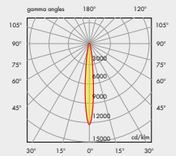
lensoptica amP è allo stesso tempo una lente e un riflettore, perché i raggi di luce subiscono rifrazione e riflessione totale interna. per questa caratteristica tecnica riesce a coniugare alta efficienza e accurato controllo direzionale della luce.
lensoptica amP is both a lens and a reflector at the same time, because the rays of light undergo refraction and total internal reflection. for this technical charactrestic it combines high efficiency and accurate directional control of light.



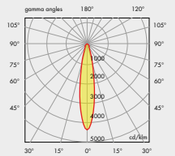


la superficie emittente di **lensoptica amP** è dotata di una matrice di microlenti.
ogni microlente riceve un fascio collimato e in funzione della curvatura ne allarga l'apertura angolare in modo controllato.
la sovrapposizione dei contributi delle singole microlenti produce una distribuzione d'illuminamento uniforme.
le **lensoptica amP** si suddividono in quattro categorie di apertura angolare del fascio: stretto, medio, largo ed ellittico. il valore esatto dell'angolo dipende dal diametro della sorgente.
lensoptica amP emitter surface is equipped with a microlens array.
each microlens receives a collimated beam and according to its curvature it enlarges the angular opening in a controlled way.
the overlap of the emissions of each microlens creates a uniform distribution of illumination.
lensoptica amP are divided into four categories based on the angular opening of the beam: narrow, medium, wide and elliptical. the exact value of the angle depends on the source diameter.

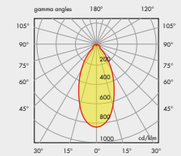
lensoptica amP150
13° les9
fascio stretto · narrow beam



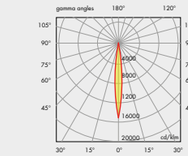
lensoptica amP150 22°
les19
fascio stretto · narrow beam



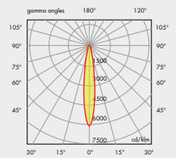
lensoptica amP150 51°
les19
fascio largo · wide beam



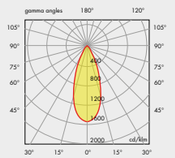
lensoptica amP180 10°
les9
fascio stretto · narrow beam



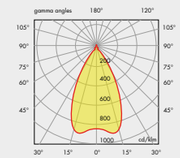
lensoptica amP180 15°
les19
fascio stretto · narrow beam



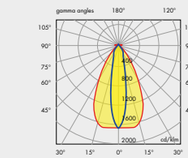
lensoptica amP180 41°
les19
fascio medio · medium beam



lensoptica amP180 53°
les19
fascio largo · wide beam



lensoptica amP180 20°x55°
les19
fascio ellittico · elliptical beam



lensoptica amP150
fascio stretto · narrow beam



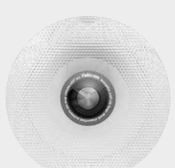
lensoptica amP180
fascio stretto · narrow beam



lensoptica amP180
fascio medio · medium beam



lensoptica amP150
fascio largo · wide beam



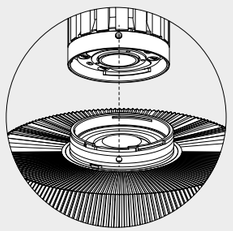
lensoptica amP180
fascio largo · wide beam

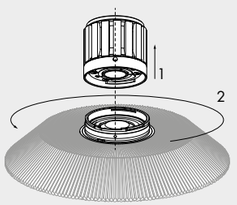


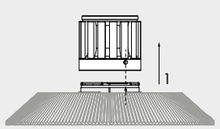
lensoptica amP180
fascio ellittico · elliptical beam

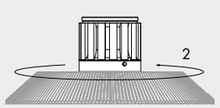


lensoptica amP
installazione · mounting



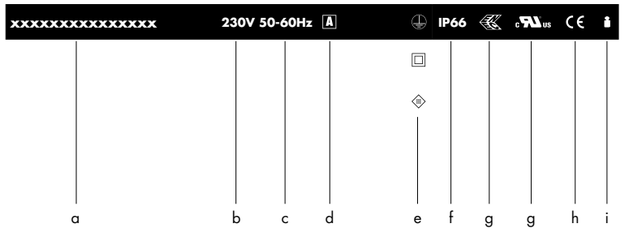


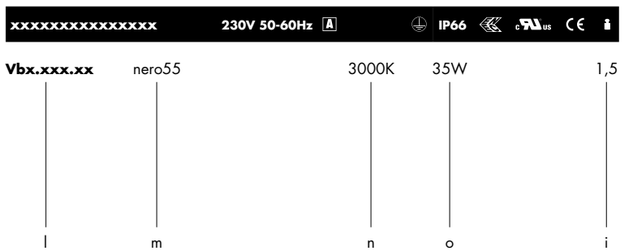




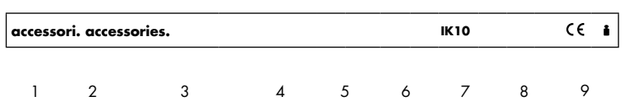
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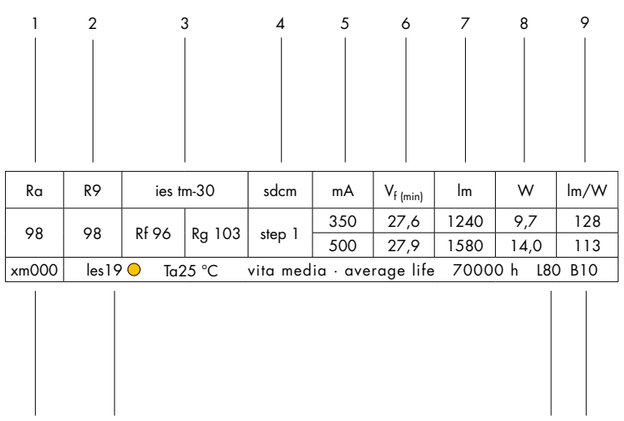
lettura delle tabelle tecniche how to read technical tables











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

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

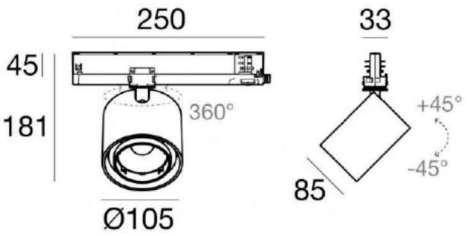
.SA *kit luce + emergenza sempre accese. attenzione: non è possibile installare nelle cassaforme laterizio*
light kit + permanently lit emergency lamp. please note: cannot be installed in brickwork housing

.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 MO NEGRO 34W 24° 3000K CRI 98 IP 20 2456 LM DIRVER ON/OFF





DATOS GENERALES

Ubicación:	Interior
Instalación:	En carril
Estanqueidad:	IP 20
Garantía:	3 Años

DATOS FOTOMETRICOS

Tipo de iluminación:	LED
Potencia (W):	34
Flujo lumínico (Lm)	2456
Eficiencia (lm/W):	72
Índice de reproducción cromática:	CRI 98
Ángulo de apertura haz de luz:	24°
Temperatura de color (K):	3.000

DATOS ELECTRICOS DRIVER

Tensión alimentación (V):	220/240
Frecuencia alimentación (Hz):	50/60
Control:	On/off
Clase de aislamiento eléctrico:	Clase II

CE RoHS