

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.

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 21 07 1955 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. mario nanni

*i progetti rendono gli oggetti eterni,
le mode li corrompono, gli imbecilli li copiano
e li vendono agli ignoranti e ai deficienti.
noi progettiamo e lavoriamo per aiutare la luce
ad emozionarvi.*

*i frutti delle nostre idee e dei nostri progetti
sono protetti da brevetti
e/o modelli registrati
e/o da diritto d'autore.*

*design makes objects timeless,
fashion corrupts them,
fools copy them and sell them to
ignorants and idiots.
we do projects and work to help light to bring
you true emotion.
the results of our ideas and our projects
are protected by patents
and/or registered models
and/or copyright.*

al fine di offrire ai nostri clienti la massima qualità della luce utilizzando le più avanzate tecnologie, forti del nostro sapere artigiano costruito in Italia, aggiorniamo costantemente i nostri apparecchi di illuminazione.

Viabizzuno si riserva il diritto di apportare ai propri modelli, senza nessun preavviso, qualsiasi modifica ritenesse opportuna. per dimensioni e codici fanno fede i nostri strumenti di lavoro www.Viabizzuno.com, [Viacommerce@](mailto:Viacommerce@Viabizzuno.com), [Viabizzunoapplight](http://Viabizzunoapplight.com) e [Viabizzunoonline](http://Viabizzunoonline.com).

la progettazione degli apparecchi di illuminazione e dei relativi componenti è eseguita utilizzando i millimetri come unità di misura. le dimensioni espresse in pollici sono indicative e frutto di conversioni soggette a tolleranze.

in order to provide to our customers the maximum quality of light using the most advanced technologies, being strong of our artisan knowledge made in Italy, we constantly update our lighting fixtures.

Viabizzuno reserves the right to make any modification, considered worthwhile, to its own models, without any notification. for valid dimensions and codes please consult our working tools www.Viabizzuno.com, [Viacommerce@](mailto:Viacommerce@Viabizzuno.com), [Viabizzunoapplight](http://Viabizzunoapplight.com) and [Viabizzunoonline](http://Viabizzunoonline.com).

when designing lighting fixtures and related components, the unit of measure used is the millimetre. dimensions expressed in inches are indicative and are the result of conversions subject to tolerances.

lettura delle tabelle tecniche how to read technical tables

xxxxxxxxxxxxxxxx				120V 50-60Hz		wet		
a	b	c	d	e damp	f	f	g	

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	classificazione ambiente di installazione · installation location rating
f	marchio di certificazione · safety and quality standards certification
g	peso netto · net weight (kg/lb)
h	codice · code
i	finiture · colours and finishes
l	temperatura colore sorgente elettronica colour temperature led source (Kelvin)
m	potenza della sorgente · source power (Watt)
n	gradi fascio luminoso · light beam degrees

xxxxxxxxxxxxxxxx				120V 50-60Hz		wet		
Vbx.xxx.xx	nero55	3000K	35W	20°	0,8kg	1.8lb		
h	i	l	m	n		g		

componenti. components.



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. accessories.



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

1	2	3	4	5	6	7	8	9		
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	500	27,9	1580	14,0	113
10	11					70000 h	L80	B10	12	13

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 emitting surface (mm)
12	% flusso residuo a fine vita · end life % flux
13	% consentita sotto limite · allowed % under limit

legenda simboli symbols legenda



prodotto in conformità con le direttive nord americane sui soffioni doccia · produced in compliance with showerheads northamerican directives



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



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



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



pending

apparecchio di illuminazione in corso di certificazione per essere commercializzato nel mercato nord americano
light fitting undergoing certification to be marketed in the north american market

wet

prodotto classificato per uso esterno · product classified for outdoor use

damp

prodotto classificato per uso interno in ambienti umidi (bagno, sauna, ecc..) · product classified for indoor use in damp environments (bathrooms, saunas, etc.)

dry

prodotto classificato per uso interno in ambienti asciutti · product classified for indoor use in dry environments

type ic

apparecchio di illuminazione ad incasso progettato per funzionare a contatto con materiale isolante.
recessed luminaire designed to work in contact with thermal insulation.

type non-ic

apparecchio di illuminazione ad incasso progettato per funzionare in intercapedini che abbiano una certa distanza da materiali isolanti.
recessed luminaire designed to work in cavities that have a minimum dimensions and spacings to thermal insulation.

title24

prodotto conforme allo standard title24 · product compliant with title24 standard



vetro opalino · opal glass



vetro sabbiato · sanded glass



vetro nero fumè · black smoke glass



vetro trasparente · transparent glass



vetro bianco latte · white milk glass



crystallo · crystal



policarbonato opalino · opal polycarbonate diffuser



carrabile · drive over

a

fascio asimmetrico · asymmetric beam

e

fascio ellittico · elliptical beam

w

wallwasher

- 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 · electronic power supply with smart control included, to be installed remotely
- AS** alimentatore a spina incluso · plug power supply included
- T** trasformatore incluso · transformer included
- K** kit di cablaggio incluso · wiring kit not included
- 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
-  attenzione: sorgente luminosa led. non guardare mai direttamente a occhio nudo · attention: led light source. never look straight without eye protection
- i** peso netto · net weight (kg)
- ⚡⚡⚡** possibilità di combinazione tra interfaccia n55, propulsore dinamico n55 e lampadina n55 · possible combination between n55 interface, propulsore dinamico n55 and n55 bulb
- l.d.** luce diretta · direct light
- l.i.** luce indiretta · indirect light
- V** disponibile su · available on *Viabizzuno applight* www.Viabizzuno.com *Viabizzuno online*



apparecchio di illuminazione a sospensione per interni realizzato in alluminio ossidato. modelli disponibili con alimentatore 120V 50-60Hz a controllo intelligente integrato in rosone o incluso da installare remoto nella versione a scomparsa totale.

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.

compatibile con i seguenti propulsori dinamici n55:

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

55/350 les19 fino a 9,7W 350mA 1240lm,

55/500 les19 fino a 14W 500mA 1580lm,

55/500 les9 fino a 13,6W 500mA 800lm,

65/500e les19 fino a 14W 500mA 1580lm,

65/700 les19 fino a 19,9W 700mA 2140lm,

65/700 les9 fino a 19,5W 700mA 1110lm,

82/1050 les19 fino a 30,5W 1050mA 3000lm.

tutti i propulsori sono Ra98 1 step macadam con sorgente elettronica 2700K, 3000K o 3000Vb K.

l'apposito attacco n55 permette di intercambiare tre tipi di lampadina: classica, decorativa e tecnica. eventuali irregolarità del vetro sono garanzia di un prodotto unico, soffiato e realizzato interamente a mano da maestri vetrai.

finiture: argento hacca, nero55. lampadine classiche e decorative con vetro trasparente, sabbiato e bianco latte.

personalizza la tua luce vai su www.Viabizzuno.com

damp location rated suspension light fitting for indoor use made of oxidised aluminium. versions available either with integrated in-rose 120V 50-60Hz power supply with smart control or included to be installed remotely. the integrated power supply version has a smart 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. compatible with the following propulsori dinamici n55:

55/350e les19 up to 9.7W 350mA 1240lm,

55/350 les19 up to 9.7W 350mA 1240lm,

55/500 les19 up to 14W 500mA 1580lm,

55/500 les9 up to 13.6W 500mA 800lm,

65/500e les19 up to 14W 500mA 1580lm,

65/700 les19 up to 19.9W 700mA 2140lm,

65/700 les9 up to 19.5W 700mA 1110lm,

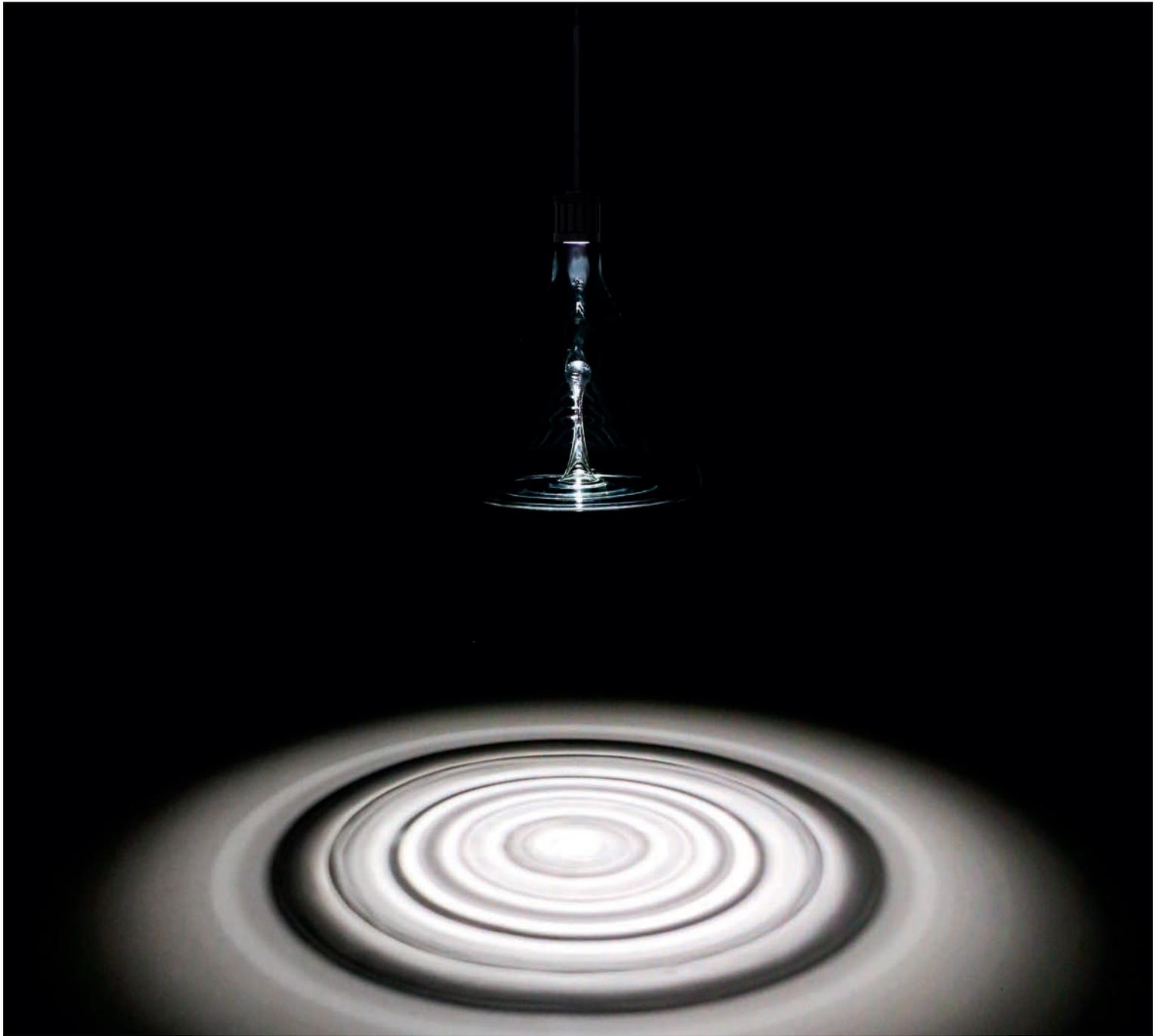
82/1050 les19 up to 30.5W 1050mA 3000lm.

all propellers are Ra98 1 step macadam with 2700K, 3000K or 3000Vb K led source.

the specific n55 lamp-holder allows to change three types of light bulbs: standard, decorative and technical. any irregularities in the glass are a guarantee of an unique product, blown and entirely hand crafted by master glassmakers.

finishes: argento hacca, nero55. classic and decorative bulbs with transparent, sanded and milk white glass.

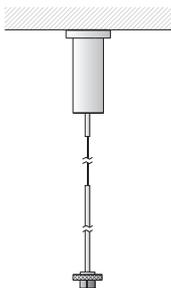
customize your light visit www.Viabizzuno.com



n55 sospensione

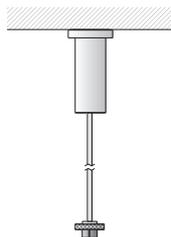
n55 sospensione a.i. interfaccia

alimentatore integrato
integrated power supply



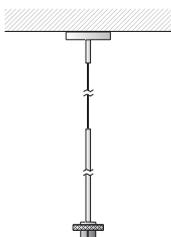
n55 sospensione a.i. interfaccia

alimentatore integrato
con tige rigida
integrated power supply
with rigid tube



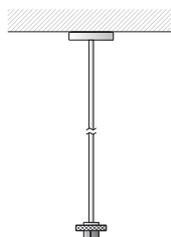
n55 sospensione a.r. alimentatore remoto

remote power supply



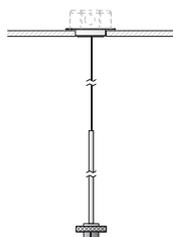
n55 sospensione a.r. alimentatore remoto

con tige rigida
remote power supply
with rigid tube



n55 sospensione a.r.

alimentatore remoto con
rosone scomparsa totale
remote power supply
with total recessed 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

lampadina classica classic bulb

hm01

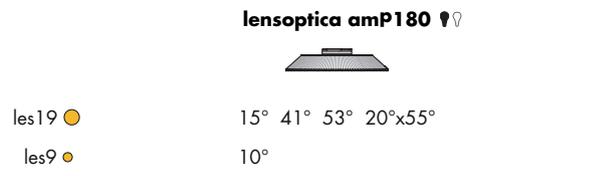
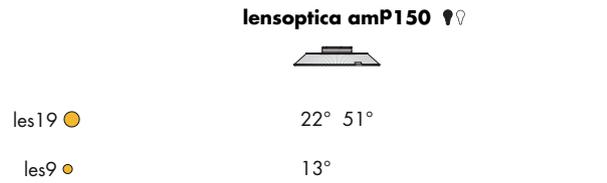
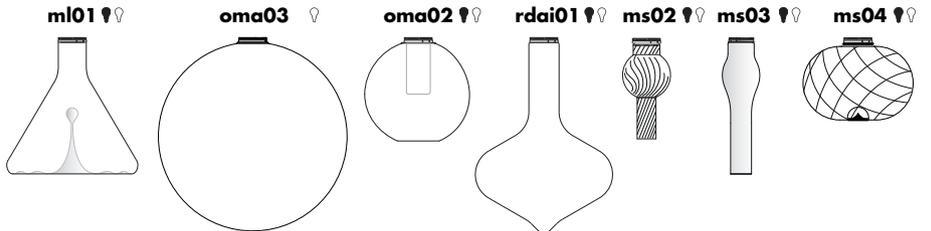
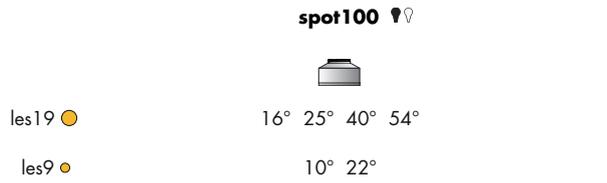
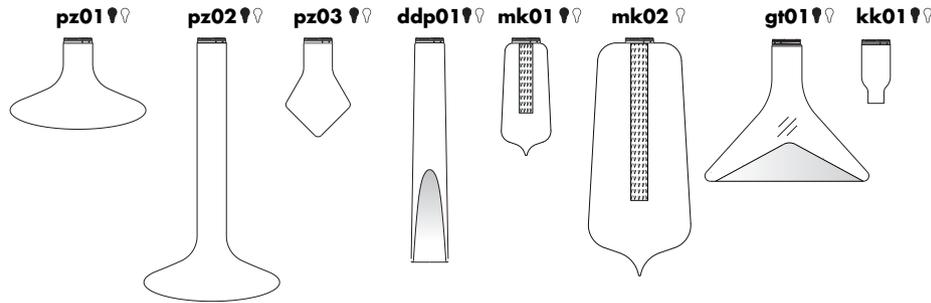
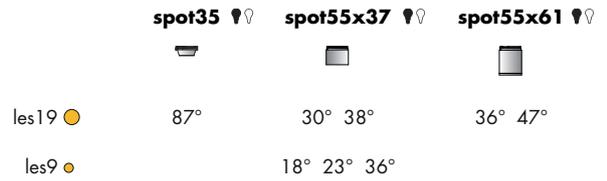
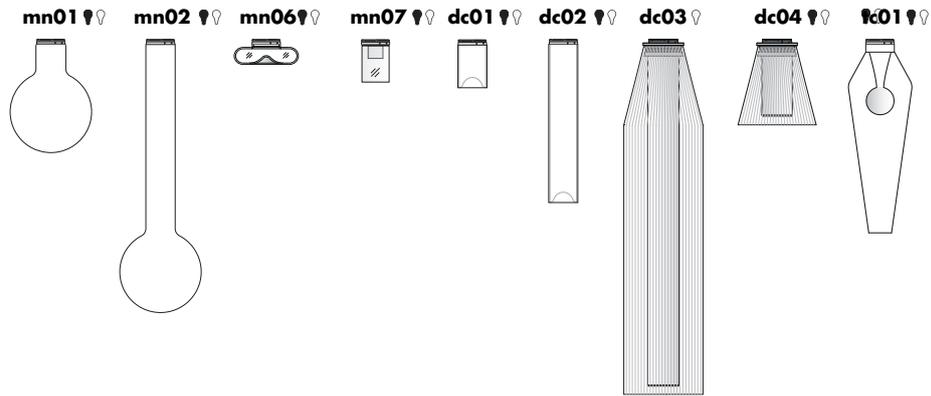


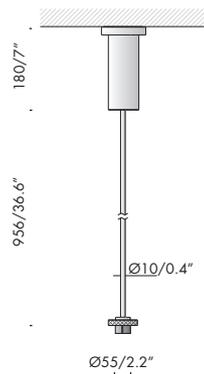
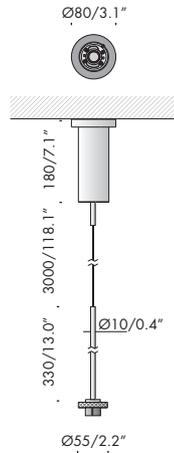
hm02



lampadina decorativa
decorative bulb

lampadina tecnica
technical bulb



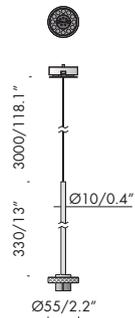
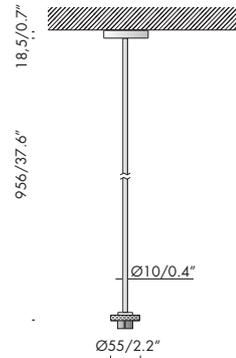
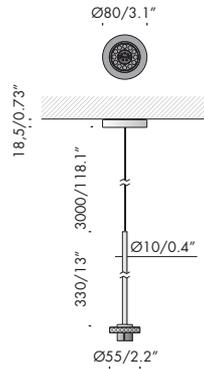


n55 sospensione interfaccia a.i. 120V 50-60Hz  **title24 damp**    

Vb8.580.01	argento hacca	350 ÷ 1050mA	n55	0,9kg 2lb
Vb8.580.02	nero55	350 ÷ 1050mA	n55	0,9kg 2lb
Vb8.580.03	my bianco	350 ÷ 1050mA	n55	0,9kg 2lb

Vb8.580.71	argento hacca	350 ÷ 1050mA	n55	0,9kg 2lb
Vb8.580.72	nero55	350 ÷ 1050mA	n55	0,9kg 2lb
Vb8.580.73	my bianco	350 ÷ 1050mA	n55	0,9kg 2lb





n55 sospensione interfaccia a.r.      

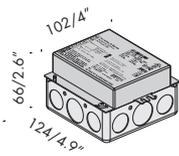
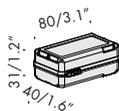
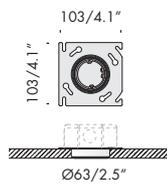
Vb8.580.09	argento hacca		n55	0,3kg 0.7lb
Vb8.580.10	nero55		n55	0,3kg 0.7lb
Vb8.580.11	my bianco		n55	0,3kg 0.7lb

Vb8.580.81	argento hacca	350 ÷ 1050mA	n55	0,5kg 1.1lb
Vb8.580.82	nero55	350 ÷ 1050mA	n55	0,5kg 1.1lb
Vb8.580.83	my bianco	350 ÷ 1050mA	n55	0,5kg 1.1lb

n55 sospensione interfaccia scomparsa totale a.r.      

Vb8.580.05	argento hacca		n55	0,3kg 0.7lb
Vb8.580.06	nero55		n55	0,3kg 0.7lb
Vb8.580.07	my bianco		n55	0,3kg 0.7lb





copertura per outlet box. cover for outlet box



Vb9.000.01.u	scomparsa totale cartongesso fully concealed for plasterboard installation		0,3kg 0.7lb
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accessori scomparsa totale. fully concealed accessories.



Vb9.580.83	tappo di chiusura · end cap	argento hacca	0,1kg 0.2lb
Vb9.580.84	tappo di chiusura · end cap	nero55	0,1kg 0.2lb
Vb9.580.85	tappo di chiusura · end cap	my bianco	0,1kg 0.2lb

alimentatore. power supply.



Vb9.580.80	alimentatore elettronico con controllo intelligente electronic power supply with smart control	350÷1050mA dim. 1÷10V	max 34W	0,2kg 0.4lb
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alimentatore. power supply.



t4.620.u	350mA	15÷38V	13W	0,9kg 1.9lb
t4.621.u	500mA	15÷38V	19W	0,9kg 1.9lb
t4.622.u	700mA	15÷38V	27W	0,9kg 1.9lb
t4.623.u	1050mA	15÷38V	40W	0,9kg 1.9lb




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		sdc	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		sdc	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		sdc	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		sdc	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		sdc	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		sdc	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 55/500		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		sdc	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		sdc	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		sdc	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	



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		sdc	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

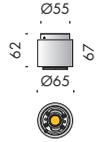
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59
xe001	les9 ●	Ta25 °C		vita media · average life		70000 h	L80 B10		

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		sdc	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		



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		sdc	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		sdc	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		sdc	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		sdc	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		sdc	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		sdc	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	


propulsore dinamico 65/700


Vb9.580.106.27	argento hacca	2700K	les9 ●	n55	0,3kg 0.7lb
Vb9.580.107.27	nero55	2700K	les9 ●	n55	0,3kg 0.7lb
Vb9.580.108.27	my bianco	2700K	les9 ●	n55	0,3kg 0.7lb

Ra	R9	ies tm-30		sdc	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	0,3kg 0.7lb
Vb9.580.107.30	nero55	3000K	les9 ●	n55	0,3kg 0.7lb
Vb9.580.108.30	my bianco	3000K	les9 ●	n55	0,3kg 0.7lb

Ra	R9	ies tm-30		sdc	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	0,3kg 0.7lb
Vb9.580.107.30v	nero55	3000VbK	les9 ●	n55	0,3kg 0.7lb
Vb9.580.108.30v	my bianco	3000VbK	les9 ●	n55	0,3kg 0.7lb

Ra	R9	ies tm-30		sdc	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 82/1050				
Vb9.580.58.27	argento hacca	2700K	les19 ●	n55 0,5kg 1.1lb
Vb9.580.59.27	nero55	2700K	les19 ●	n55 0,5kg 1.1lb
Vb9.580.60.27	my bianco	2700K	les19 ●	n55 0,5kg 1.1lb

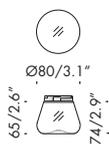
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98
xm000	les19 ●	Ta25 °C		vita media · average life			70000 h	L80 B10	

Vb9.580.58.30	argento hacca	3000K	les19 ●	n55 0,5kg 1.1lb
Vb9.580.59.30	nero55	3000K	les19 ●	n55 0,5kg 1.1lb
Vb9.580.60.30	my bianco	3000K	les19 ●	n55 0,5kg 1.1lb

Ra	R9	ies tm-30		sdc	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 0,5kg 1.1lb
Vb9.580.59.30v	nero55	3000VbK	les19 ●	n55 0,5kg 1.1lb
Vb9.580.60.30v	my bianco	3000VbK	les19 ●	n55 0,5kg 1.1lb

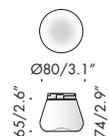
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	1050	29,0	3000	30,5	98
xm007	les19 ●	Ta25 °C		vita media · average life			70000 h	L80 B10	



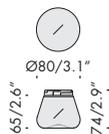
marionanni



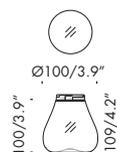
Vb9.580.01.t hm01 trasparente · transparent n55 0,5kg
1.1lb



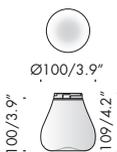
Vb9.580.01.s hm01 sabbziata · sanded n55 0,5kg
1.1lb



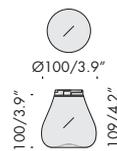
Vb9.580.01.b hm01 bianco latte · milk white n55 0,5kg
1.1lb



Vb9.580.02.t hm02 trasparente · transparent n55 0,1kg
0.2lb

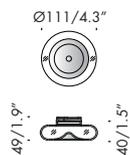
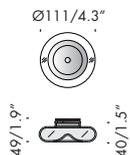
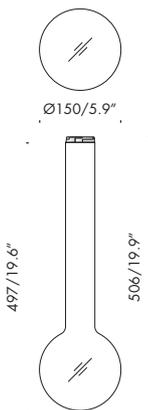
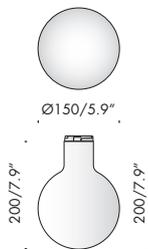


Vb9.580.02.s hm02 sabbziata · sanded n55 0,1kg
0.2lb



Vb9.580.02.b hm02 bianco latte · milk white n55 0,1kg
0.2lb





marionanni



Vb9.580.03.s mn01 sabbaiato · sanded n55 0,3kg
0.7lb

Vb9.580.04.f mn02 trasparente · transparent n55 0,3kg
0.7lb

Vb9.580.173.b mn06 tabacchiera
bianco satinato · white frosted n55 0,1kg
0.2lb

Vb9.580.173.cr mn06 tabacchiera
trasparente cromata · transparent chromed n55 0,1kg
0.2lb

Vb9.580.178 mn07 trasparente sabbaiato · transparent sanded n55 0,1kg
0.2lb

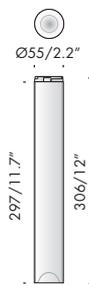




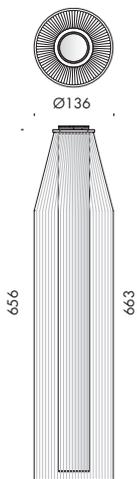
david chipperfield  

Vb9.580.05.s dc01 sabbaiato · sanded n55 0,1kg
0.2lb

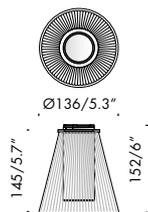
Vb9.580.06.s dc02 sabbaiato · sanded n55 0,3kg
0.7lb



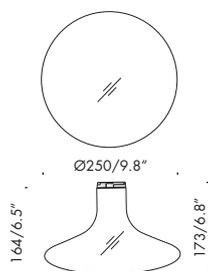
Vb9.580.19.tr dc03 trasparente, rigato
transparent, striped n55 0,7kg
1.5lb



Vb9.580.20.tr dc04 trasparente, rigato e sabbaiato
transparent, striped and sanded n55 0,3kg
0.7lb





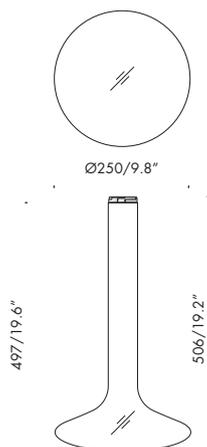


peter zumthor



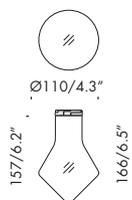
Vb9.580.08.t pz01 trasparente · transparent

n55 0,3kg
0.7lb



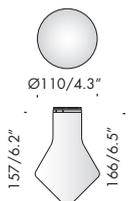
Vb9.580.10.t pz02 trasparente · transparent

n55 0,6kg
1.3lb



Vb9.580.11.t pz03 trasparente · transparent

n55 0,2kg
0.4lb



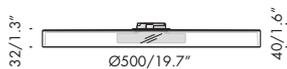
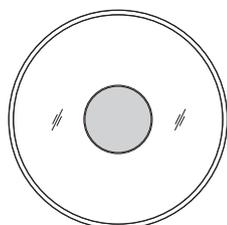
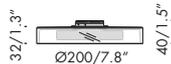
Vb9.580.11.s pz03 sabbiato · sanded

n55 0,2kg
0.4lb





Ø60/2.3"



al-jawad pike



Vb9.580.18.tr

ajp01 trasparente, rigato
transparent, striped

n55 0,2kg
0.4lb

neri&hu



Vb9.580.116.ts

nh01 trasparente, sabbato
transparent, sanded

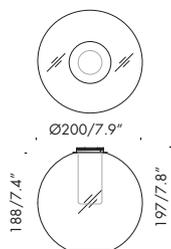
n55 1,2kg
2.6lb

Vb9.580.117.ts

nh02 trasparente, sabbato
transparent, sanded

n55 2kg
4.4lb





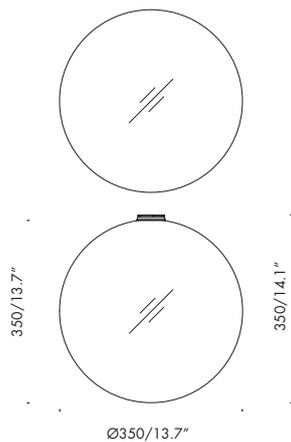
oma



Vb9.580.14.t

oma02 trasparente · transparent

n55 0,4kg
0.8lb

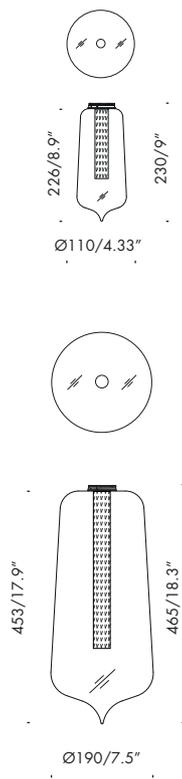


Vb9.580.15.t

oma03 trasparente · transparent

n55 1,4kg
3.1lb





kengo kuma



Vb9.580.07.c

kk01 cristallo · crystal

n55 0,3kg
0.7lb

marcio kogan



Vb9.580.111.t

mk01 trasparente · transparent

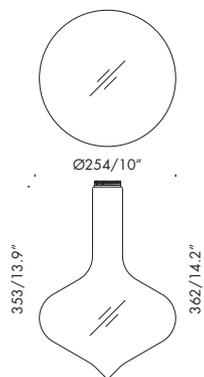
n55 0,4kg
0.8lb

Vb9.580.112.t

mk02 trasparente · transparent

n55 1,8kg
4lb



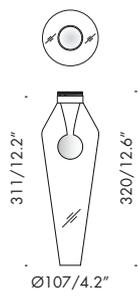


rdai



Vb9.580.12.t rdai01 trasparente · transparent

n55 0,6kg
1.3lb



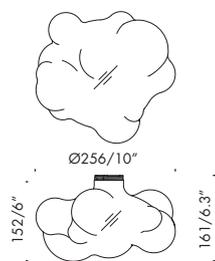
tzach cohen



Vb9.580.180.ts tc01 trasparente, sabbaiato
transparent, sanded

n55 0,4kg
0.8lb



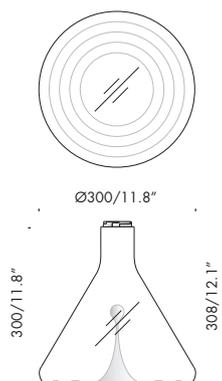


winy maas



Vb9.580.09.t wm01 trasparente · transparent

n55 0,6kg
1.3lb



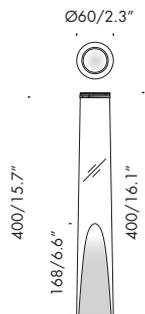
max lam



Vb9.580.13.t ml01 trasparente · transparent

n55 1,4kg
3.1lb



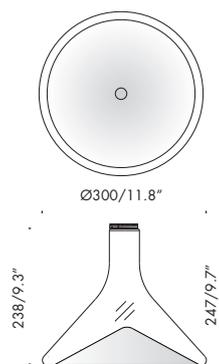


domenico de palo



Vb9.580.114.t ddp01 trasparente, sabbaiato
transparent, sanded

n55 0,4kg
0.8lb

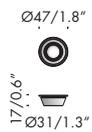


gio tiroto



Vb9.580.17.t gt01 trasparente, sabbaiato
transparent, sanded

n55 1kg
2.2lb



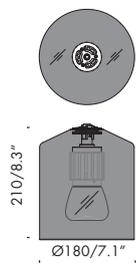
accessori per lampadina trasparente. transparent bulb accessories.



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

0,03kg
0.07lb





luigi lanzi



Vb9.580.170

ll01 nero fumè · black smoke

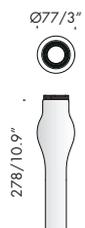
n55 1,6kg
3.6lb

mirko spaccapanico



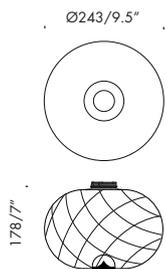
Vb9.580.175.t ms02 trasparente · transparent

n55 0,3kg
0.7lb



Vb9.580.176.t ms03 trasparente · transparent

n55 0,3kg
0.7lb



Vb9.580.177.t ms04 trasparente · transparent

n55 0,3kg
0.7lb



Ø55/2,1"



Ø35/1,3"



12/0,4"

20/0,7"

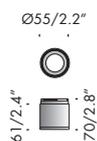
spot35



Vb9.580.21	argento hacca	87° les19 ●	n55	0,1kg 0.2lb
Vb9.580.22	nero55	87° les19 ●	n55	0,1kg 0.2lb
Vb9.580.22.b	my bianco	87° les19 ●	n55	0,1kg 0.2lb



spot55x37				Ⓢ	i
Vb9.580.121	argento hacca	18° les9 ●	n55	0,1kg 0.2lb	
Vb9.580.122	nero55	18° les9 ●	n55	0,1kg 0.2lb	
Vb9.580.122.b	my bianco	18° les9 ●	n55	0,1kg 0.2lb	
Vb9.580.123	argento hacca	23° les9 ● 30° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.124	nero55	23° les9 ● 30° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.124.b	my bianco	23° les9 ● 30° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.125	argento hacca	36° les9 ● 38° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.126	nero55	36° les9 ● 38° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.126.b	my bianco	36° les9 ● 38° les19 ●	n55	0,1kg 0.2lb	

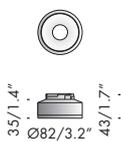


spot55x61				Ⓢ	i
Vb9.580.25	argento hacca	36° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.26	nero55	36° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.26.b	my bianco	36° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.27	argento hacca	47° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.28	nero55	47° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.28.b	my bianco	47° les19 ●	n55	0,2kg 0.4lb	



accessori spot55. accessories.			Ⓢ	i
Vb9.580.91	frangiluce nido d'ape · honeycomb louvre			0,01kg 0.02lb
Vb9.580.92	lente ellittica · elliptical lens			0,04kg 0.09lb

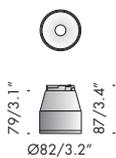




spot82x35



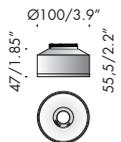
Vb9.580.131	argento hacca	13° les9 ●	n55	0,1kg 0.2lb
Vb9.580.132	nero55	13° les9 ●	n55	0,1kg 0.2lb
Vb9.580.137	my bianco	13° les9 ●	n55	0,1kg 0.2lb
Vb9.580.133	argento hacca	19° les9 ●	n55	0,1kg 0.2lb
Vb9.580.134	nero55	19° les9 ●	n55	0,1kg 0.2lb
Vb9.580.138	my bianco	19° les9 ●	n55	0,1kg 0.2lb
Vb9.580.135	argento hacca	23° les9 ● 31° les19 ●	n55	0,1kg 0.2lb
Vb9.580.136	nero55	23° les9 ● 31° les19 ●	n55	0,1kg 0.2lb
Vb9.580.141	my bianco	23° les9 ● 31° les19 ●	n55	0,1kg 0.2lb
Vb9.580.139	argento hacca	35° les9 ● 42° les19 ●	n55	0,1kg 0.2lb
Vb9.580.140	nero55	35° les9 ● 42° les19 ●	n55	0,1kg 0.2lb
Vb9.580.142	my bianco	35° les9 ● 42° les19 ●	n55	0,1kg 0.2lb



spot82x79			Ⓜ	i
Vb9.580.31	argento hacca	23° les19 ●	n55	0,2kg 0.4lb
Vb9.580.32	nero55	23° les19 ●	n55	0,2kg 0.4lb
Vb9.580.32.b	my bianco	23° les19 ●	n55	0,2kg 0.4lb
Vb9.580.33	argento hacca	37° les19 ●	n55	0,2kg 0.4lb
Vb9.580.34	nero55	37° les19 ●	n55	0,2kg 0.4lb
Vb9.580.34.b	my bianco	37° les19 ●	n55	0,2kg 0.4lb
Vb9.580.35	argento hacca	46° les19 ●	n55	0,2kg 0.4lb
Vb9.580.36	nero55	46° les19 ●	n55	0,2kg 0.4lb
Vb9.580.36.b	my bianco	46° les19 ●	n55	0,2kg 0.4lb



accessori spot82. accessories.			Ⓜ	i
Vb9.580.86	frangiluce nido d'ape · honeycomb louvre			0,01kg 0.02lb
Vb9.580.87	lente ellittica · elliptical lens			0,05kg 0.11lb
Vb9.580.88	vetro albarino · albarino glass			0,05kg 0.11lb
Vb9.580.165	anti abbagliamento · anti-glare			0,03kg 0.07lb

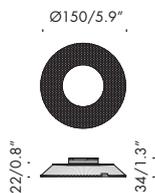


spot100				®	i
Vb9.580.37	argento hacca	10° les9 ●	16° les19 ●	n55	0,1kg 0.2lb
Vb9.580.38	nero55	10° les9 ●	16° les19 ●	n55	0,1kg 0.2lb
Vb9.580.38.b	my bianco	10° les9 ●	16° les19 ●	n55	0,1kg 0.2lb
Vb9.580.39	argento hacca	22° les9 ●	25° les19 ●	n55	0,1kg 0.2lb
Vb9.580.40	nero55	22° les9 ●	25° les19 ●	n55	0,1kg 0.2lb
Vb9.580.40.b	my bianco	22° les9 ●	25° les19 ●	n55	0,1kg 0.2lb
Vb9.580.41	argento hacca		40° les19 ●	n55	0,1kg 0.2lb
Vb9.580.42	nero55		40° les19 ●	n55	0,1kg 0.2lb
Vb9.580.42.b	my bianco		40° les19 ●	n55	0,1kg 0.2lb
Vb9.580.43	argento hacca		54° les19 ●	n55	0,1kg 0.2lb
Vb9.580.44	nero55		54° les19 ●	n55	0,1kg 0.2lb
Vb9.580.44.b	my bianco		54° les19 ●	n55	0,1kg 0.2lb

accessori spot100. accessories.			®	i
Vb9.580.93	frangiluce nido d'ape · honeycomb louvre			0,1kg 0.2lb
Vb9.580.94	lente ellittica · elliptical lens			0,05kg 0.11lb



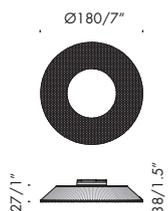




lensoptica amP150



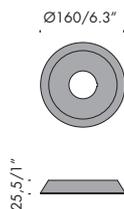
Vb9.518.91	fascio stretto narrow beam	13° 22°	les9 ● les19 ●	n55	0,3kg 0.7lb
Vb9.518.92	fascio largo wide beam	51°	les19 ●	n55	0,3kg 0.7lb



lensoptica amP180



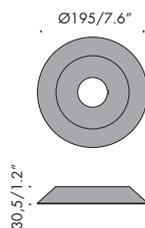
Vb9.518.81	fascio stretto narrow beam	10° 15°	les9 ● les19 ●	n55	0,6kg 1.3lb
Vb9.518.82	fascio medio medium beam	41°	les19 ●	n55	0,6kg 1.3lb
Vb9.518.83	fascio largo wide beam	53°	les19 ●	n55	0,6kg 1.3lb
Vb9.518.84	fascio ellittico elliptical beam	20°x55°	les19 ●	n55	0,6kg 1.3lb



riflettore in metallo 150



Vb9.518.95.n	nero55				0,1kg 0.2lb
Vb9.518.95.mb	my bianco				0,1kg 0.2lb
Vb9.518.95.h	argento hacca				0,1kg 0.2lb



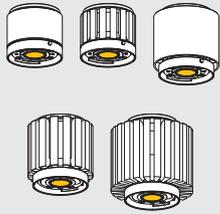
riflettore in metallo 180



Vb9.518.96.n	nero55				0,1kg 0.2lb
Vb9.518.96.mb	my bianco				0,1kg 0.2lb
Vb9.518.96.h	argento hacca				0,1kg 0.2lb



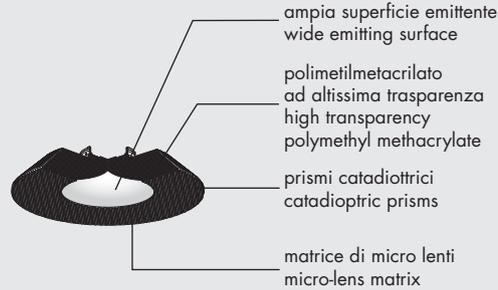
propulsore dinamico n55



riflettore in metallo - metal reflector

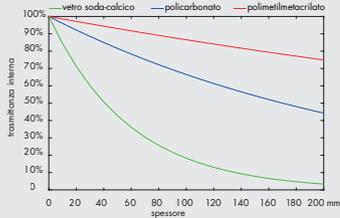


lensoptica amP

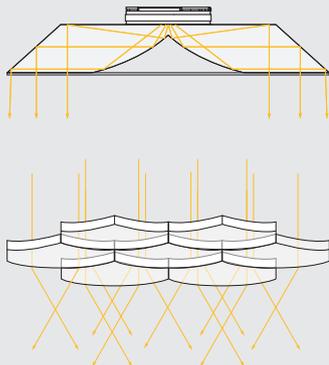


materiale	coefficiente d'assorbimento α
vetro soda calcico	0,017 mm ⁻¹
poli-carbonato	0,004 mm ⁻¹
polimetilmetacrilato	0,0014 mm ⁻¹

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 characteristic 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'illuminazione 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.

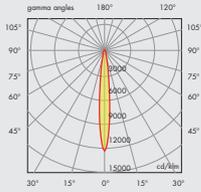
lensoptica amP è il risultato di una ricerca sviluppata da Viabizzuno su progetto david chipperfield architects con lo studio internazionale di ingegneria arup per fornire alle sorgenti luminose elettroniche un'ottica ad alta efficienza in grado di avere sia una luce concentrata che diffusa. l'alta efficienza 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 micro lenti 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.

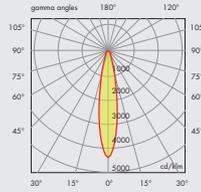
lensoptica amP150
13° les9

fascio stretto - narrow beam



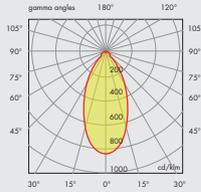
lensoptica amP150 22°
les19

fascio stretto - narrow beam



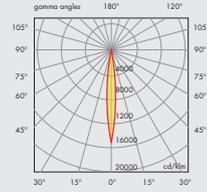
lensoptica amP150 51°
les19

fascio largo - wide beam



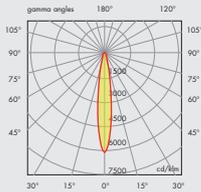
lensoptica amP180 10°
les9

fascio stretto - narrow beam



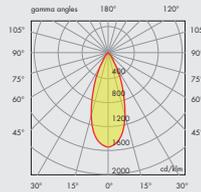
lensoptica amP180 15°
les19

fascio stretto - narrow beam



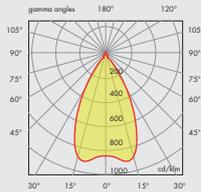
lensoptica amP180 41°
les19

fascio medio - medium beam



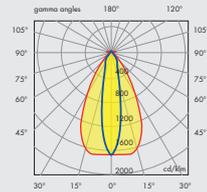
lensoptica amP180 53°
les19

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

