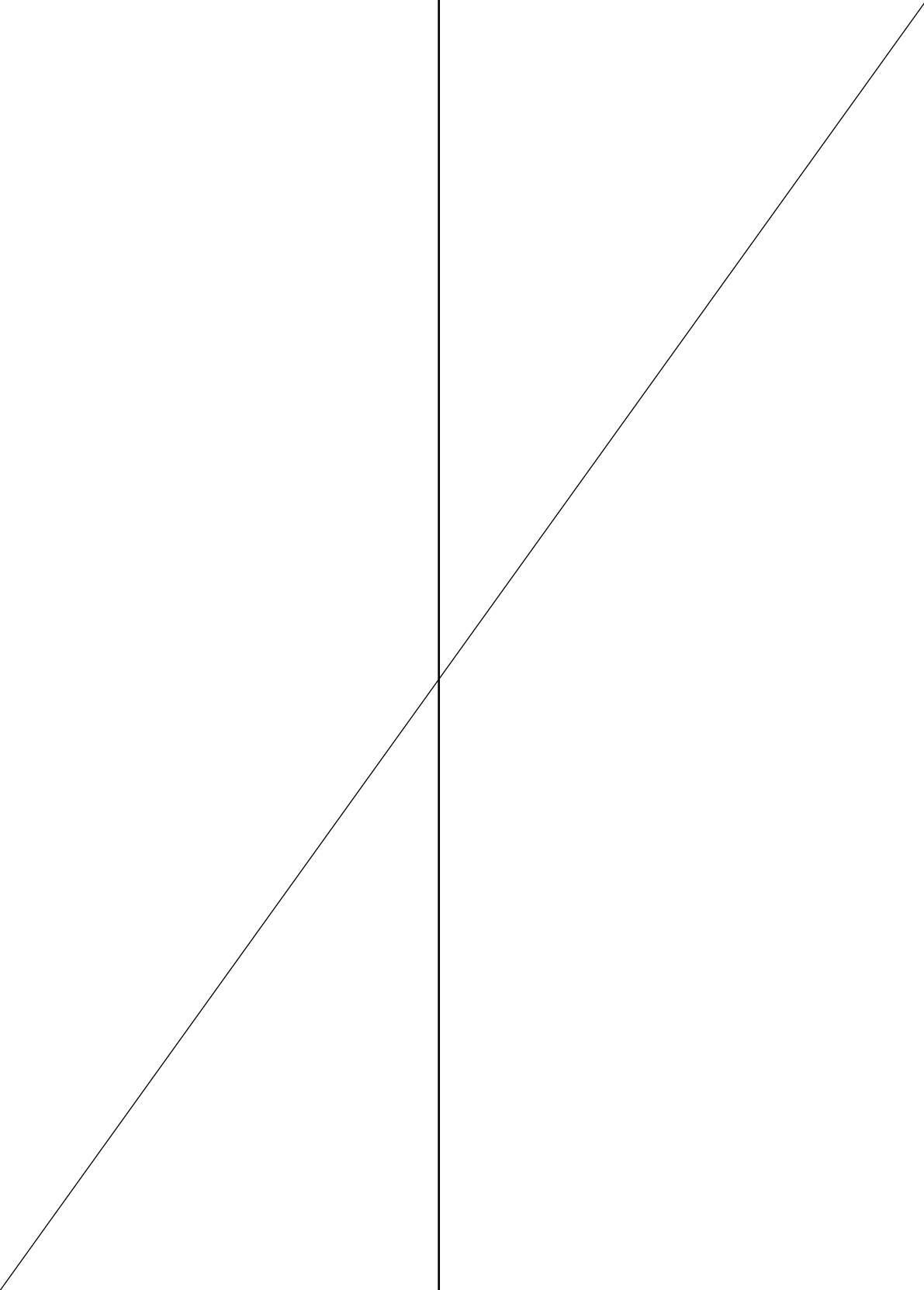




Viabizzuno strada principale della frazione di bizzuno in provincia di ravenna dove tra la casa del popolo e la parrocchia, al n°17, sono nato il ventuno luglio millenovecentocinquantacinque. da qui nasce il nome della fabbrica di produzione fondata nel millenovecentonovantaquattro rappresentata da uno 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



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technical data sheet



curve fotometriche
photometric curves



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



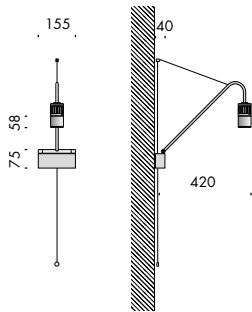


apparecchio di illuminazione da parete, tavolo e terra IP20.
modelli:
minima parete con propulsore dinamico n55 e diffusore classico, decorativo o tecnico.
eventuali irregolarità del vetro sono garanzia di un prodotto unico, soffiato e realizzato
interamente a mano da maestri vetrai. realizzato con uno stelo in alluminio estruso diametro
Ø10mm curvato, orientabile in altezza tramite sistema a carrucola, con contrappeso in ottone.
supporto a parete con potenziometro lineare per dimmerazione nel lato inferiore. cablato
con sorgente elettronica 2700K o 3000K Ra98 14W 1580lm. alimentatore con controllo
intelligente 120-277V 50-60Hz incluso.
minima tavolo con propulsore dinamico n55 e diffusore decorativo. realizzato con uno
stelo in alluminio estruso diametro Ø10mm curvato, con base 210mm. cablato con
sorgente elettronica 2700K o 3000K Ra98 9,7W 1240lm, dimmerabile con potenziometro
lineare. alimentatore 100-240V 50-60Hz incluso, con set di spine eu/uk/usa - jp/ccc/aus
intercambiabili. cavo di alimentazione 2000mm rivestito in tessuto nero incluso.
minima terra con propulsore dinamico n55 e diffusore classico o tecnico. realizzato con una
base in alluminio estruso diametro Ø16mm su cui si innesta lo stelo in estruso di alluminio
diametro Ø10mm curvato, orientabile sull'asse verticale di 180°.
cablato con sorgente elettronica 2700K o 3000K Ra98 9,7W 1240lm, dimmerabile con
potenziometro lineare. alimentatore 100-240V 50-60Hz incluso, con set di spine eu/uk/usa -
jp/ccc/aus intercambiabili.
cavo di alimentazione 2000mm rivestito in tessuto nero incluso.
accessori: paralume in seta bianco o blu per diffusore classico hm01 o diffusore tecnico
spot55, frangiluce a nido d'ape, lente ellittica, vetro albarino e accessorio anti abbagliamento
per diffusore tecnico spot82, trappola di luce anti abbagliamento nero solo per diffusore
trasparente.
finiture: argento hacca e nero55.
personalizza la tua luce vai su www.Viabizzuno.com



IP20 rated wall, table or floor-standing light fitting for indoor use.
versions:
minima parete with propulsore dinamico n55 and classic, decorative or technical diffusor.
any irregularities in the glass are a guarantee of an unique product, blown and
entirely hand crafted by master glassmakers. made of a diameter Ø10mm extruded
aluminium bent rod that can be adjusted in height by means of a pulley system and a brass
counterweight. wall mounted support with linear potentiometer for the lower part dimming.
wired with 2700K or 3000K Ra98 14W 1580lm led source. 120-277V 50-60Hz electronic
power supply with smart control included.
minima tavolo with propulsore dinamico n55 and decorative diffusor. made of a diameter
Ø10mm extruded aluminium bent rod, with 210mm base. wired with 2700K or 3000K Ra98
9.7W 1240lm led source, dimmable with linear potentiometer. 100-240V 50-60Hz power
supply included with eu/uk/usa - jp/ccc/aus interchangeable plugs. 2000mm power supply
cable covered in black fabric included.
minima terra with propulsore dinamico n55 and classic or technical diffusor. made of an
extruded aluminium base with diameter Ø16mm angaging the extruded aluminium bent rod
having a diameter Ø10mm, adjustable by 180° on the vertical axis.
wired with 2700K or 3000K Ra98 9.7W 1240lm led source, dimmable with linear
potentiometer. 100-240V 50-60Hz power supply included with eu/uk/usa - jp/ccc/aus
interchangeable plugs. 2000mm power supply cable covered in black fabric included.
accessories: white or blue sink lampshade for hm01 classic bulb or spot55 technical diffusor,
honeycomb louvre, elliptical lens, albarino glass and anti-glare fitting for spot82 technical
diffusor, anti-glare black light trap only for transparent diffusor.
finishes: argento hacca and nero55.
customize your light visit www.Viabizzuno.com





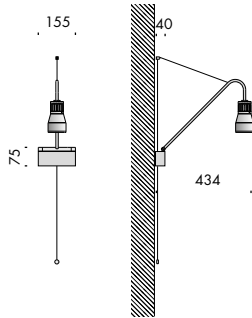
minima parete spot55x37 120-277V 50-60Hz

- Via.590.5001** argento hacca2700K30°n550,6
- Via.590.5003** nero552700K30°n550,6

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

- Via.590.5002** argento hacca3000K30°n550,6
- Via.590.5004** nero553000K30°n550,6

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	500	27,9	1580	14,0	113
xm001	les19	Ta25 °C		vita media · average life			70000 h	L80	B10



minima parete spot82x79 120-277V 50-60Hz

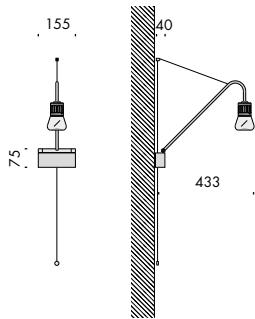
- Via.590.5005** argento hacca2700K23°n550,6
- Via.590.5007** nero552700K23°n550,6

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

- Via.590.5006** argento hacca3000K23°n550,6
- Via.590.5008** nero553000K23°n550,6

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	500	27,9	1580	14,0	113
xm001	les19	Ta25 °C		vita media · average life			70000 h	L80	B10





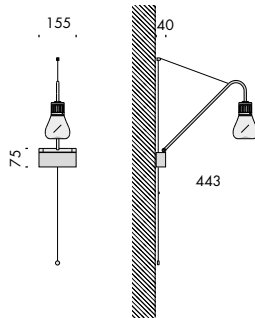
minima parete hm01 120-277V 50-60Hz

- Via.590.5009** argento hacca bianco latte · milk white 2700K n55 0,7
- Via.590.5011** nero55 bianco latte · milk white 2700K n55 0,7

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	

- Via.590.5010** argento hacca bianco latte · milk white 3000K n55 0,7
- Via.590.5012** nero55 bianco latte · milk white 3000K n55 0,7

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	



minima parete hm02 120-277V 50-60Hz

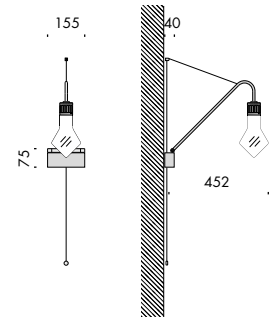
- Via.590.5013** argento hacca bianco latte · milk white 2700K n55 0,7
- Via.590.5015** nero55 bianco latte · milk white 2700K n55 0,7

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	

- Via.590.5014** argento hacca bianco latte · milk white 3000K n55 0,7
- Via.590.5016** nero55 bianco latte · milk white 3000K n55 0,7

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	





minima parete pz03 120-277V 50-60Hz **Ai** **IP20** **df** **pr** **UK** **CE** **i**

Via.590.5017 argento hacca trasparente · transparent 2700K n55 0,9

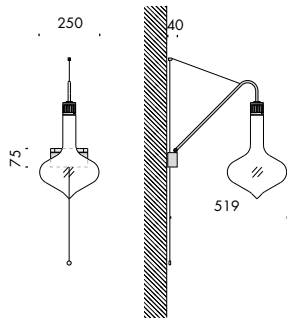
Via.590.5019 nero55 trasparente · transparent 2700K n55 0,9

Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Via.590.5018 argento hacca trasparente · transparent 3000K n55 0,9

Via.590.5020 nero55 trasparente · transparent 3000K n55 0,9

Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	500	27,9	1580	14,0	113
xm001	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	



minima parete rdai01 120-277V 50-60Hz **Ai** **IP20** **df** **pr** **UK** **CE** **i**

Via.590.5021 argento hacca trasparente · transparent 2700K n55 1,8

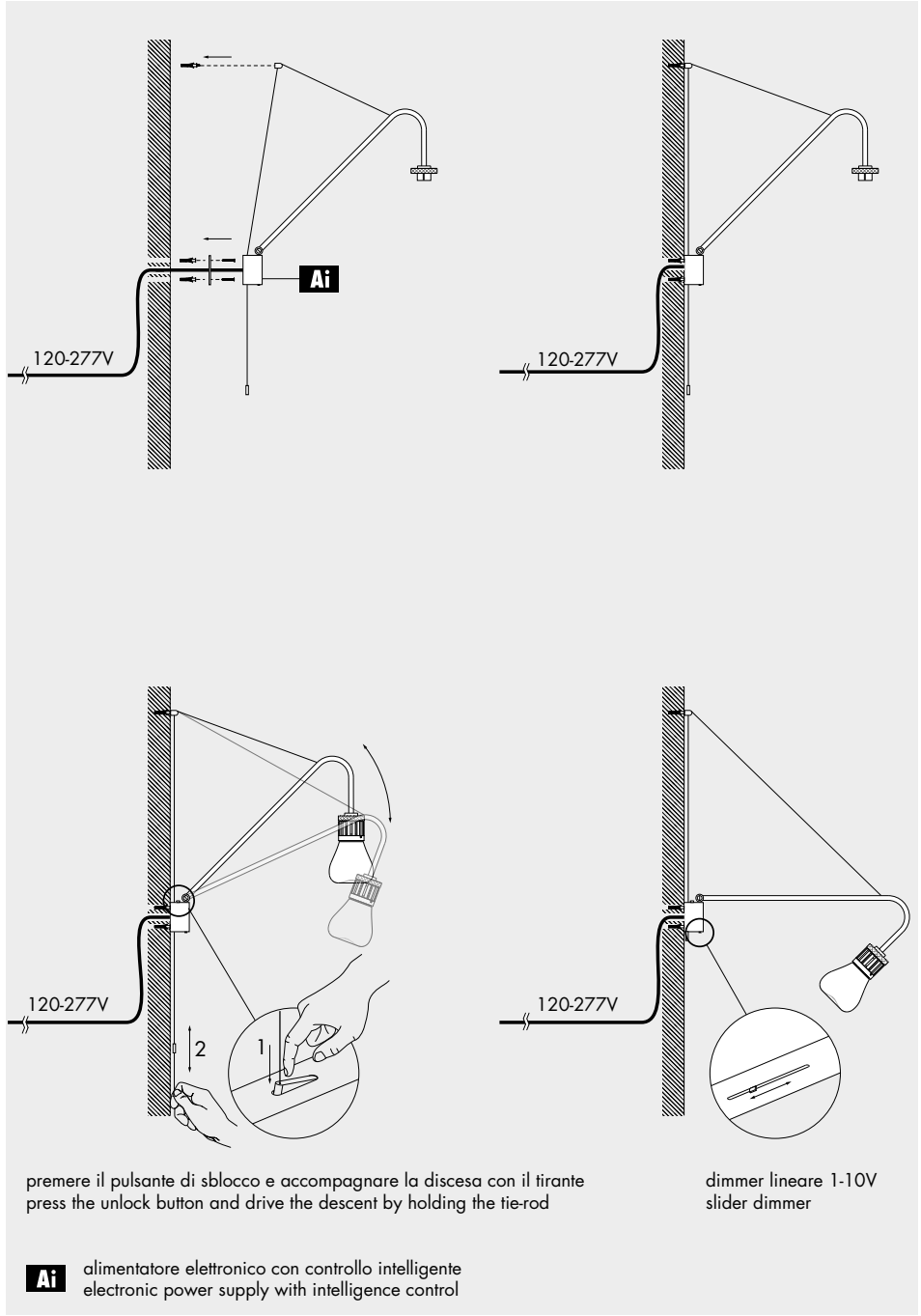
Via.590.5023 nero55 trasparente · transparent 2700K n55 1,8

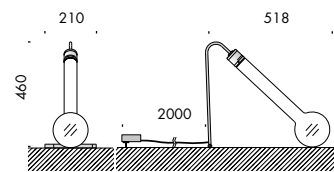
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Via.590.5022 argento hacca trasparente · transparent 3000K n55 1,8

Via.590.5024 nero55 trasparente · transparent 3000K n55 1,8

Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	500	27,9	1580	14,0	113
xm001	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	





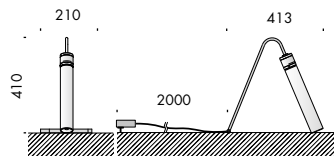
minima tavolo mn02 100-240V 50-60Hz AS IP20 df Pr UK CE i

- Via.590.2001** argento hacca trasparente · transparent 2700K n55 1,8
- Via.590.2003** nero55 trasparente · transparent 2700K n55 1,8

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		

- Via.590.2002** argento hacca trasparente · transparent 3000K n55 1,8
- Via.590.2004** nero55 trasparente · transparent 3000K n55 1,8

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		



minima tavolo dc02 100-240V 50-60Hz AS IP20 df Pr UK CE i

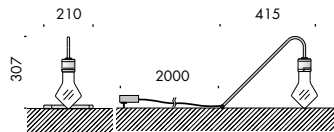
- Via.590.2005** argento hacca sabbiato · sanded 2700K n55 1,1
- Via.590.2007** nero55 sabbiato · sanded 2700K n55 1,1

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		

- Via.590.2006** argento hacca sabbiato · sanded 3000K n55 1,1
- Via.590.2008** nero55 sabbiato · sanded 3000K n55 1,1

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		





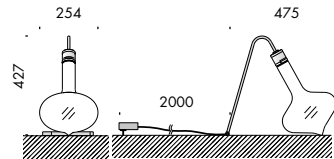
minima tavolo pz03 100-240V 50-60Hz **AS** IP20 **df** **Pr** **△** **★** **UK** **CE** **i**

Via.590.2009 argento hacca trasparente · transparent 2700K n55 1
Via.590.2011 nero55 trasparente · transparent 2700K n55 1

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	

Via.590.2010 argento hacca trasparente · transparent 3000K n55 1
Via.590.2012 nero55 trasparente · transparent 3000K n55 1

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	



minima tavolo rdai01 100-240V 50-60Hz **AS** IP20 **df** **Pr** **△** **★** **UK** **CE** **i**

Via.590.2013 argento hacca trasparente · transparent 2700K n55 1,9
Via.590.2015 nero55 trasparente · transparent 2700K n55 1,9

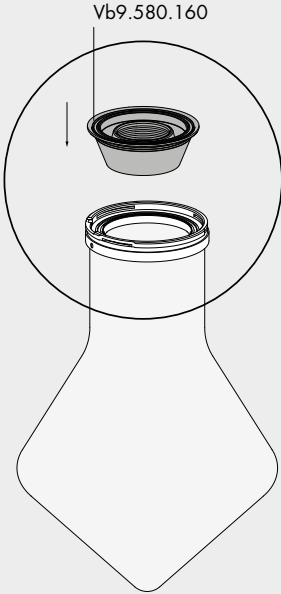
Ra	R9	ies tm-30		sdcm	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19 	Ta25 °C		vita media · average life		70000 h		L80 B10	

Via.590.2014 argento hacca trasparente · transparent 3000K n55 1,9
Via.590.2016 nero55 trasparente · transparent 3000K n55 1,9

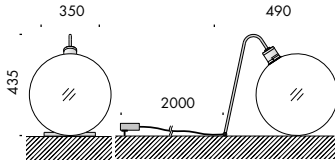
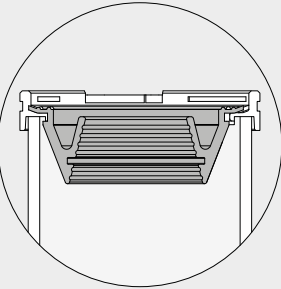
Ra	R9	ies tm-30		sdcm	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm001	les19 	Ta25 °C		vita media · average life		70000 h		L80 B10	



Vb9.580.160
solo per diffusore classico
trasparente o diffusore
decorativo trasparente
only for transparent classic
diffusor or transparent decorative
diffusor



Vb9.580.160



minima tavolo oma03 100-240V 50-60Hz **AS** **IP20** **df** **Pr** **UK** **CE** **i**

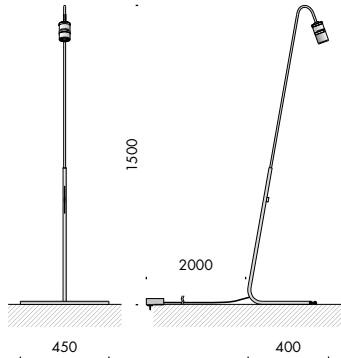
Via.590.2017 argento hacca trasparente · transparent 2700K n55 2
Via.590.2019 nero55 trasparente · transparent 2700K n55 2

Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Via.590.2018 argento hacca trasparente · transparent 3000K n55 2
Via.590.2020 nero55 trasparente · transparent 3000K n55 2

Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	350	27,6	1240	9,7	128
xm001	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	





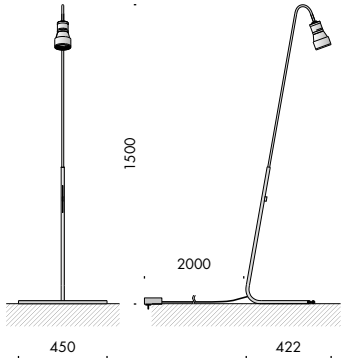
minima terra spot55x37 100-240V 50-60Hz **AS** **IP20** **df** **Pr** **UK** **CE** **i**

Via.590.4001 argento hacca 2700K 30° n55 3,3
Via.590.4003 nero55 2700K 30° n55 3,3

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Via.590.4002 argento hacca 3000K 30° n55 3,3
Via.590.4004 nero55 3000K 30° n55 3,3

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	350	27,6	1240	9,7	128
xm001	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	



minima terra spot82x79 100-240V 50-60Hz **AS** **IP20** **df** **Pr** **UK** **CE** **i**

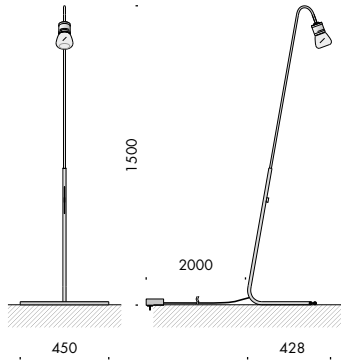
Via.590.4005 argento hacca 2700K 23° n55 3,3
Via.590.4007 nero55 2700K 23° n55 3,3

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Via.590.4006 argento hacca 3000K 23° n55 3,3
Via.590.4008 nero55 3000K 23° n55 3,3

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	R _f 96	R _g 103	step 1	350	27,6	1240	9,7	128
xm001	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	





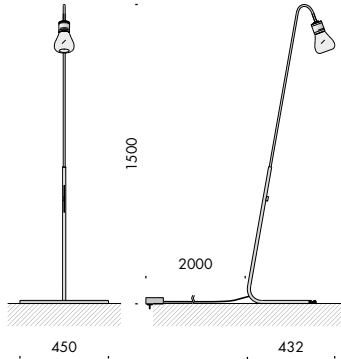
minima terra hm01 100-240V 50-60Hz **AS** **IP20** **df** **PF** **UK** **CE** **i**

Via.590.4009 argento hacca bianco latte · milk white 2700K n55 3,3
Via.590.4011 nero55 bianco latte · milk white 2700K n55 3,3

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	

Via.590.4010 argento hacca bianco latte · milk white 3000K n55 3,3
Via.590.4012 nero55 bianco latte · milk white 3000K n55 3,3

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	



minima terra hm02 100-240V 50-60Hz **AS** **IP20** **df** **PF** **UK** **CE** **i**

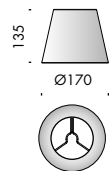
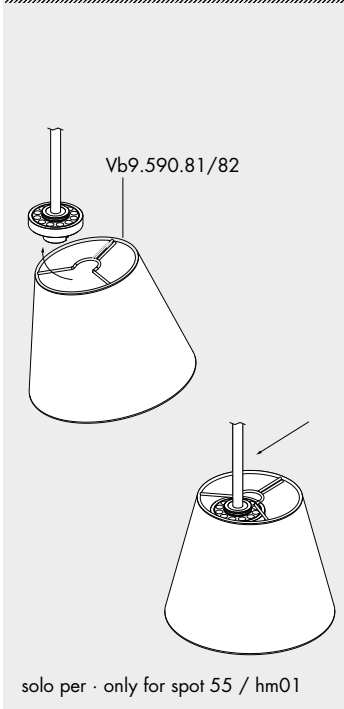
Via.590.4013 argento hacca bianco latte · milk white 2700K n55 3,3
Via.590.4015 nero55 bianco latte · milk white 2700K n55 3,3

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	

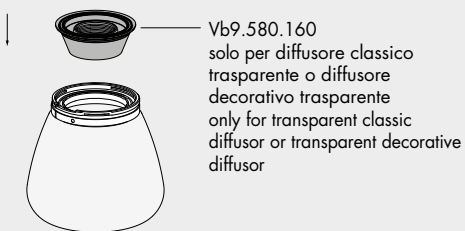
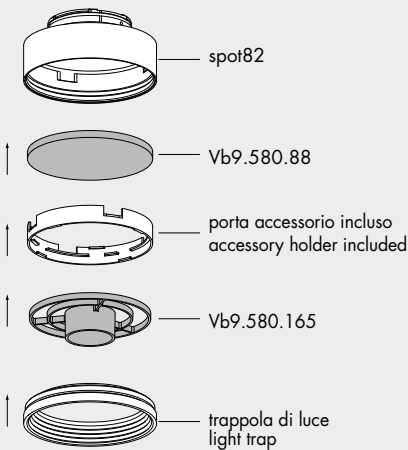
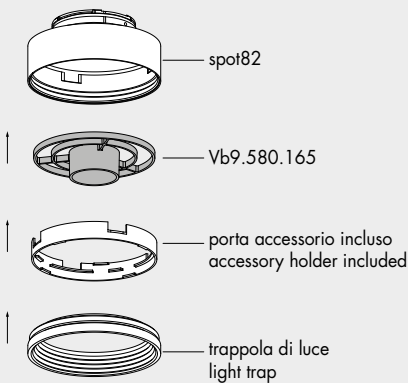
Via.590.4014 argento hacca bianco latte · milk white 3000K n55 3,3
Via.590.4016 nero55 bianco latte · milk white 3000K n55 3,3

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	

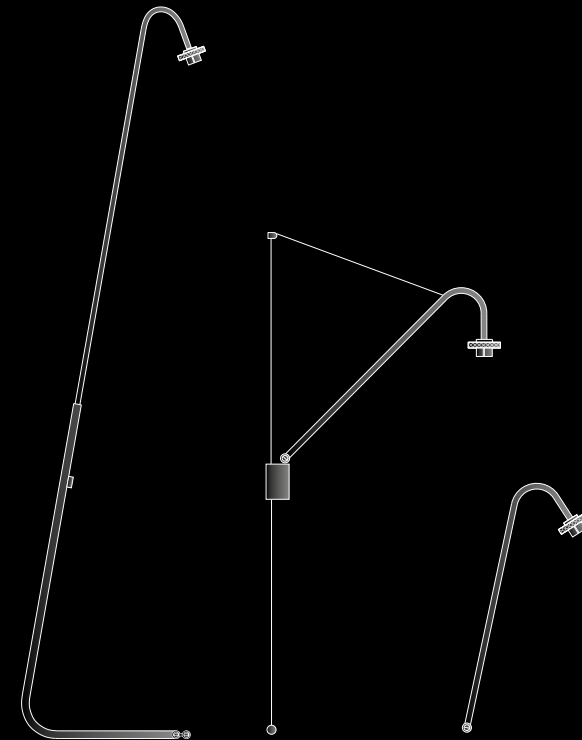




Vb9.580.160	trappola di luce antiabbagliamento nero anti-glare black light trap	0,1
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*personalizza la tua luce
vai su Viabizzuno.com*



diffusore

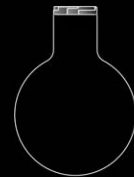
+



+



diffusore classico
classic diffuser



diffusore decorativo
decorative diffuser



diffusore tecnico
technical diffuser

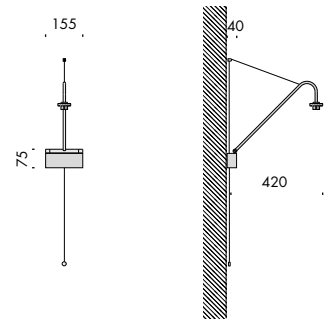
customize your light visit [Viabizzuno.com](https://www.viabizzuno.com)

1. scegli l'interfaccia
choose the interface

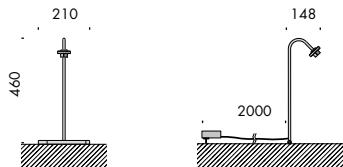
2. scegli il propulsore dinamico n55
choose the propulsore dinamico n55

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

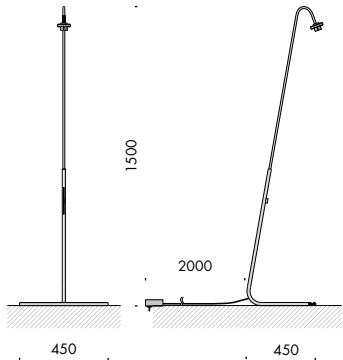
minima	propulsore dinamico n55		diffusore classico classic diffusor	diffusore decorativo decorative diffusor								diffusore tecnico technical diffusor																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
minima parete	55/350e les19 350mA 1240 lm 9,7W 128 lm/W	55/350 les19 350mA 1240 lm 9,7W 128 lm/W		mn01 mn02 mn06 mn07 dc01 dc02 tc01	spot35 spot55x37 spot55x61 spot82x35 spot82x79 spot100 lensoptica amP150 lensoptica amP180																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
minima tavolo	55/500 les19 500mA 1580 lm 14W 113 lm/W	55/500 les19 500mA 800 lm 13,6W 59 lm/W	hm01 pz01 pz02 pz03 ddp01 mk01 gt01 kk01	les19 500mA 1580 lm 14W 113 lm/W	les19 700mA 2140 lm 19,9W 108 lm/W	les19 700mA 1110 lm 19,5W 57 lm/W	les19 1050mA 3000lm 30,5W 98 lm/W	ml01 oma03 rdai01 ms02 ms03 ms04 wm01 aip01	les19 22° 51° les9 13°	les19 15° 41° 53° 20°x55° les9 10°																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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minima parete	120-277V 50-60Hz	AI	IP20			UK	CE	i
Vb5.590.sp.h	argento hacca							n55 0,4
Vb5.590.sp.n	nero55							n55 0,4

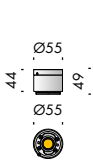


minima tavolo	100-240V 50-60Hz	AS	IP20			UK	CE	i
Vb2.590.st.h	argento hacca							n55 1,5
Vb2.590.st.n	nero55							n55 1,5



minima terra	100-240V 50-60Hz	AS	IP20			UK	CE	i
Vb4.590.st.h	argento hacca							n55 3
Vb4.590.st.n	nero55							n55 3





propulsore dinamico n55 55/350e									
IP20 UK CE									
Vb9.580.150.27		argento hacca		2700K		les19		n55 0,2	
Vb9.580.151.27		nero55		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	



propulsore dinamico n55 55/350									
IP20 UK CE									
Vb9.580.50.27		argento hacca		2700K		les19		n55 0,2	
Vb9.580.51.27		nero55		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	

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	

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

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	

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

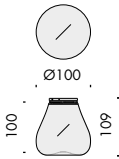
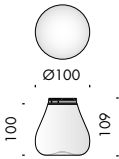
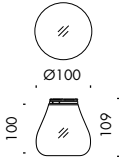
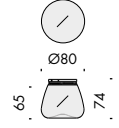
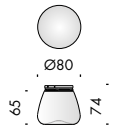
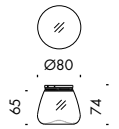
Vb9.580.62.30v	argento hacca	3000VbK		les19		n55		0,2	
Vb9.580.63.30v	nero55	3000VbK		les19		n55		0,2	
Ra	R9	ies tm-30		sdcm	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	500	27,9	1580	14,0	113
xm007	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	



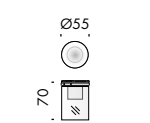
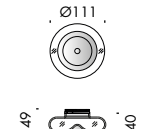
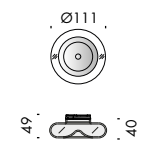
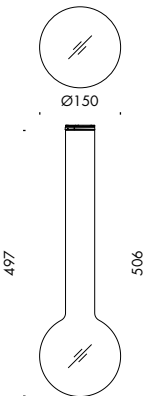
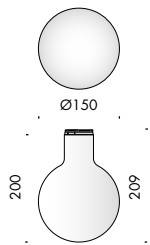
propulsore dinamico n55 55/500									
				IP20					
Vb9.580.101.27	argento hacca	2700K		les9		n55		0,2	
Vb9.580.102.27	nero55	2700K		les9		n55		0,2	
Ra	R9	ies tm-30		sdcm	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59
xe000	les9	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.101.30	argento hacca	3000K		les9		n55		0,2	
Vb9.580.102.30	nero55	3000K		les9		n55		0,2	
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	
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	



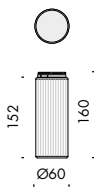
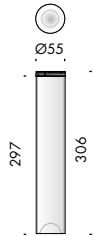
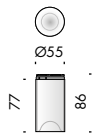
marionanni		★	⚡	CE	i
Vb9.580.01.t	hm01 trasparente · transparent	n55	0,05		
Vb9.580.01.s	hm01 sabbiaata · sanded	n55	0,05		
Vb9.580.01.b	hm01 bianco latte · milk white	n55	0,05		
Vb9.580.02.t	hm02 trasparente · transparent	n55	0,1		
Vb9.580.02.s	hm02 sabbiaata · sanded	n55	0,1		
Vb9.580.02.b	hm02 bianco latte · milk white	n55	0,1		



marionanni		★	⚡	CE	i
Vb9.580.03.s	mn01 sabbiaato · sanded	n55	0,3		
Vb9.580.04.t	mn02 trasparente · transparent	n55	0,5		
Vb9.580.173.b	mn06 tabacchiera bianco satinato · white frosted	n55	0,1		
Vb9.580.173.cr	mn06 tabacchiera trasparente cromata · transparent chromed	n55	0,1		
Vb9.580.178	mn07 trasparente sabbiaato · transparent sanded	n55	0,1		







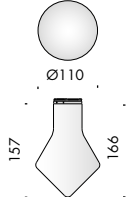
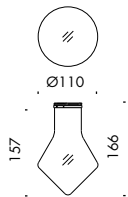
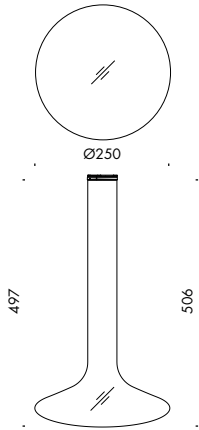
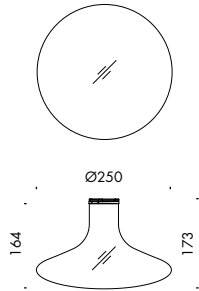
★ ⓘ **david chipperfield**

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

Vb9.580.06.s dc02 sabbiato · sanded n55 0,3

★ ⓘ **al-jawad pike**

Vb9.580.18.tr aip01 trasparente, rigato · transparent, striped n55 0,2



★ ⓘ **peter zumthor**

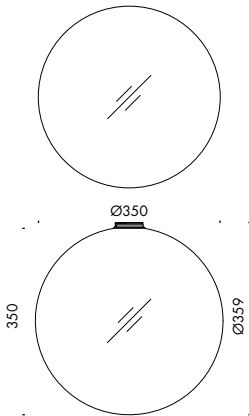
Vb9.580.08.t pz01 trasparente · transparent n55 0,3

Vb9.580.10.t pz02 trasparente · transparent n55 0,6

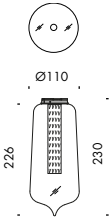
Vb9.580.11.t pz03 trasparente · transparent n55 0,2

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

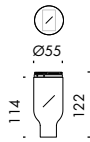




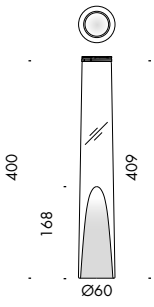
oma		★	UK	CE	🇮🇹
Vb9.580.15.†	oma03 trasparente · transparent	n55	1,4		



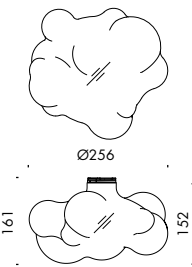
marcio kogon		★	UK	CE	🇮🇹
Vb9.580.111.†	mk01 trasparente · transparent	n55	0,4		



kenko kuma		★	UK	CE	🇮🇹
Vb9.580.07.c	kk01 cristallo · crystal	n55	0,3		

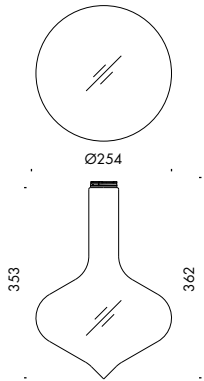


domenico de palo		★	UK	CE	🇮🇹
Vb9.580.114.†	ddp01 trasparente,sabbiato · transparent, sanded	n55	0,5		

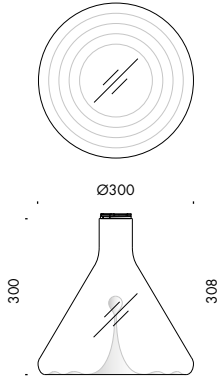


winy maas		★	UK	CE	🇮🇹
Vb9.580.09.†	wm01 trasparente · transparent	n55	0,6		

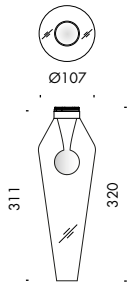




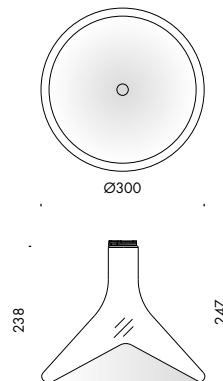
rdai		★	UK	CE	i
Vb9.580.12.t	rdai01 trasparente · transparent	n55	0,6		



max lam		★	UK	CE	i
Vb9.580.13.t	ml01 trasparente · transparent	n55	1,4		



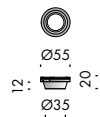
tzach cohen		★	UK	CE	i
Vb9.580.180.ts	tc01 trasparente, sabbiato · transparent, sanded	n55	0,4		



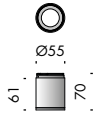
gio tirotto		★	UK	CE	i
Vb9.580.17.t	gt01 trasparente, sabbiato · transparent, sanded	n55	1		



accessori per lampadina trasparente. transparent bulb accessories.		★	UK	CE	i
Vb9.580.160	trappola di luce antiabbagliamento nero anti-glare black light trap	0,03			



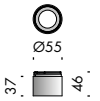
spot35			★	UK	€	i
Vb9.580.21	argento hacca	87° les19	●	n55	0,1	
Vb9.580.22	nero55	87° les19	●	n55	0,1	



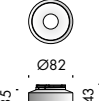
spot55x61			★	UK	€	i
Vb9.580.25	argento hacca	36° les19	●	n55	0,2	
Vb9.580.26	nero55	36° les19	●	n55	0,2	
Vb9.580.27	argento hacca	47° les19	●	n55	0,2	
Vb9.580.28	nero55	47° les19	●	n55	0,2	



accessori spot55. accessories.			★	UK	€	i
Vb9.580.91	frangiluce nido d’ape · honeycomb louvre				0,01	
Vb9.580.92	lente ellittica · elliptical lens				0,04	

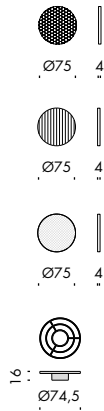
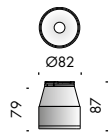
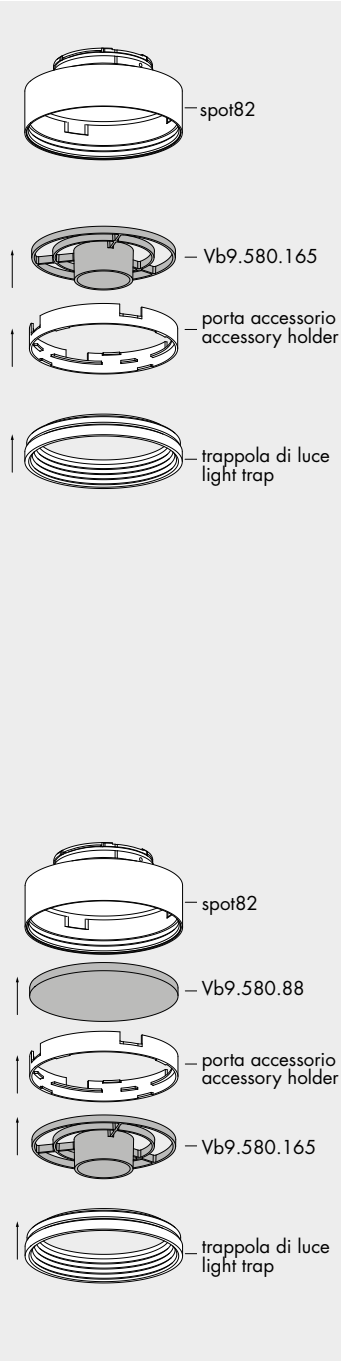


spot55x37				★	UK	€	i
Vb9.580.121	argento hacca	18° les9	●			n55	0,1
Vb9.580.122	nero55	18° les9	●			n55	0,1
Vb9.580.123	argento hacca	23° les9	●	30° les19	●	n55	0,1
Vb9.580.124	nero55	23° les9	●	30° les19	●	n55	0,1
Vb9.580.125	argento hacca	36° les9	●	38° les19	●	n55	0,1
Vb9.580.126	nero55	36° les9	●	38° les19	●	n55	0,1



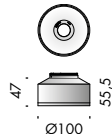
spot82x35				★	UK	CE	i
Vb9.580.131	argento hacca	13° les9	●			n55	0,1
Vb9.580.132	nero55	13° les9	●			n55	0,1
Vb9.580.133	argento hacca	19° les9	●			n55	0,1
Vb9.580.134	nero55	19° les9	●			n55	0,1
Vb9.580.135	argento hacca	23° les9	●	31° les19	●	n55	0,1
Vb9.580.136	nero55	23° les9	●	31° les19	●	n55	0,1
Vb9.580.139	argento hacca	35° les9	●	42° les19	●	n55	0,1
Vb9.580.140	nero55	35° les9	●	42° les19	●	n55	0,1





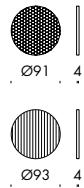
spot82x79		★	UK	CE	€	i
Vb9.580.31	argento hacca	23° les19	●	n55	0,2	
Vb9.580.32	nero55	23° les19	●	n55	0,2	
Vb9.580.33	argento hacca	37° les19	●	n55	0,2	
Vb9.580.34	nero55	37° les19	●	n55	0,2	
Vb9.580.35	argento hacca	46° les19	●	n55	0,2	
Vb9.580.36	nero55	46° les19	●	n55	0,2	

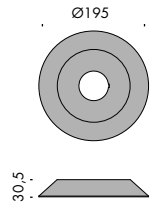
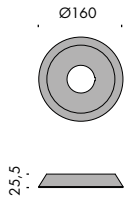
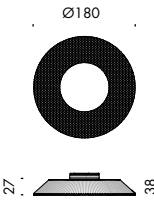
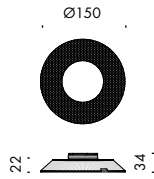
accessori spot82. accessories.				★	UK	CE	€	i
Vb9.580.86	frangiluce nido d'ape · honeycomb louvre						0,01	
Vb9.580.87	lente ellittica · elliptical lens						0,05	
Vb9.580.88	vetro albarino · albarino glass						0,05	
Vb9.580.165	anti abbagliamento · anti-glare						0,03	



spot100		★	UK	CE	€	i
Vb9.580.37	argento hacca	10° les9	●	16° les19	●	n55 0,1
Vb9.580.38	nero55	10° les9	●	16° les19	●	n55 0,1
Vb9.580.39	argento hacca	22° les9	●	25° les19	●	n55 0,1
Vb9.580.40	nero55	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
Vb9.580.43	argento hacca			54° les19	●	n55 0,1
Vb9.580.44	nero55			54° les19	●	n55 0,1

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





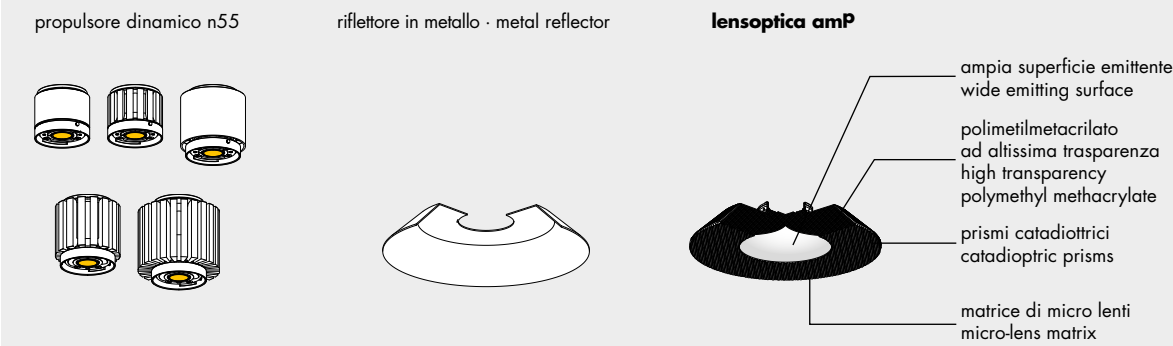
lensoptica amP150		★	UK	CE	i
Vb9.518.91	fascio stretto	13°	les9	n55	0,3
	narrow beam	22°	les19		
Vb9.518.92	fascio largo wide beam	51°	les19	n55	0,3

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

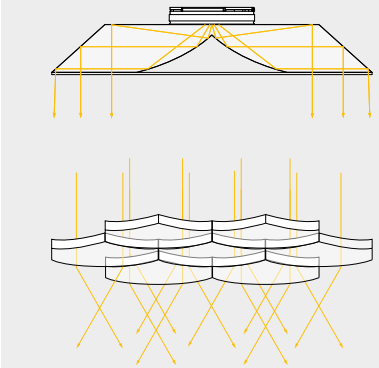
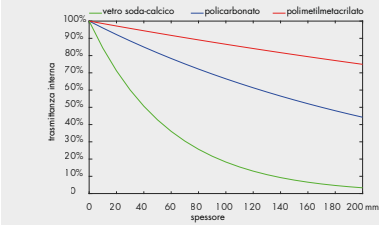
riflettore in metallo 150		★	UK	CE	i
Vb9.518.95.n	nero55				0,1
Vb9.518.95.h	argento hacca				0,1

riflettore in metallo 180		★	UK	CE	i
Vb9.518.96.n	nero55				0,1
Vb9.518.96.h	argento hacca				0,1





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



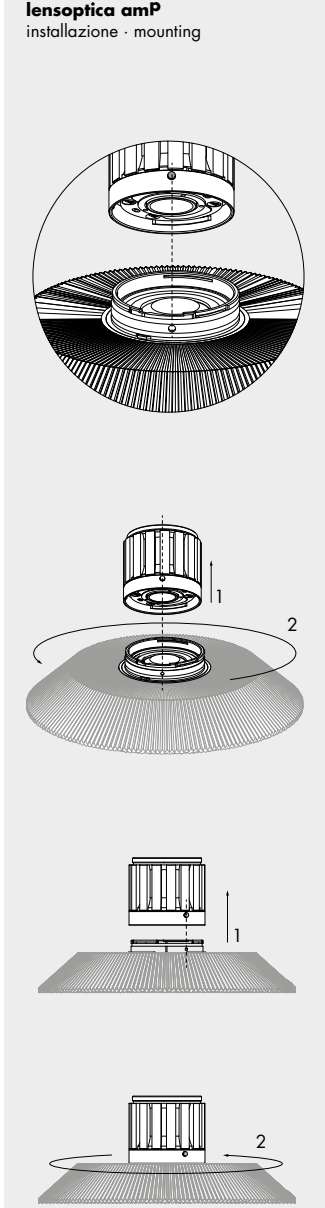
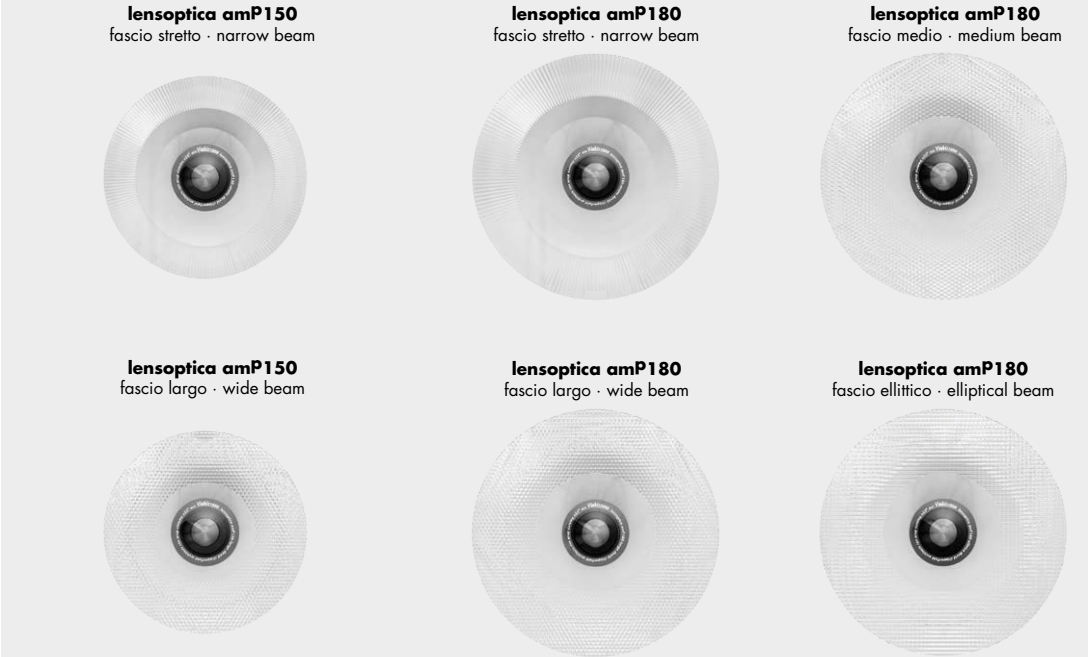
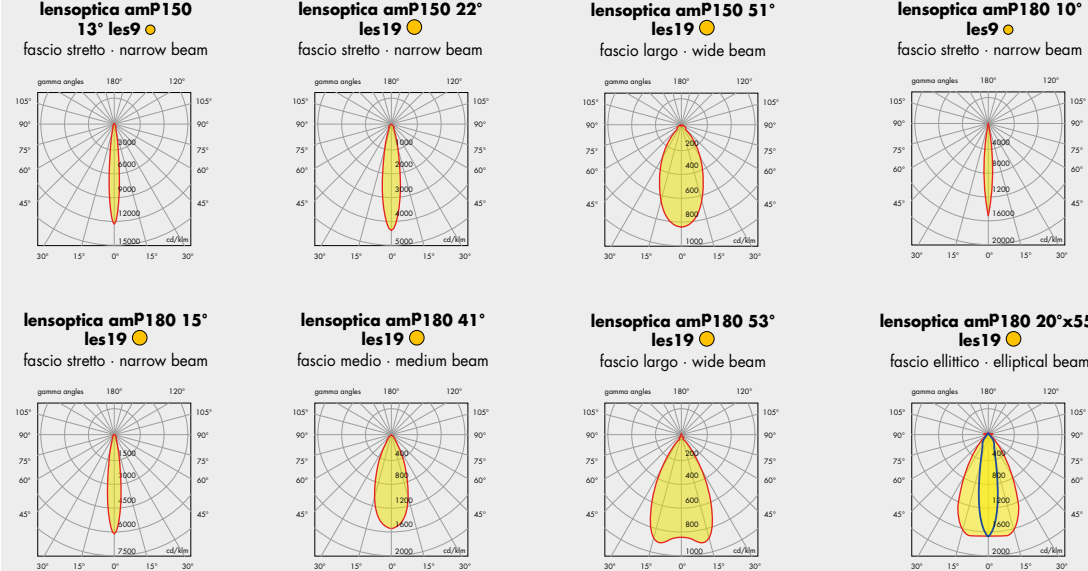
la trasmittanza interna (T) di un materiale trasparente è determinata dallo spessore (x) e dal coefficiente d'assorbimento del materiale stesso (α) secondo la legge di lambert-beer $T_x = e^{-\alpha x}$
the internal transmittance of a transparent material (T) is determined by the thickness (x) and by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

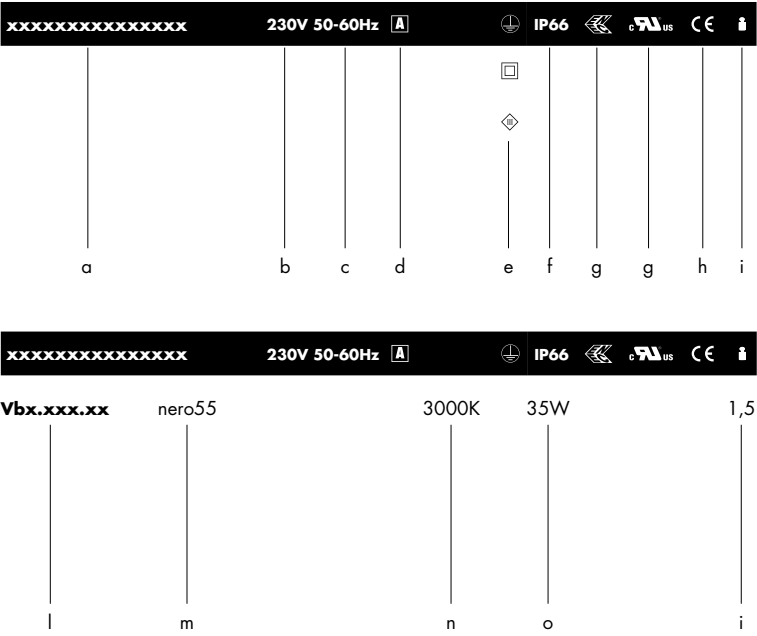
la superficie emittente di **lensoptica amP** è dotata di una matrice di microlenti. ogni microlente riceve un fascio collimato e in funzione della curvatura ne allarga l'apertura angolare in modo controllato. la sovrapposizione dei contributi delle singole microlenti produce una distribuzione d'illuminamento 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 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.

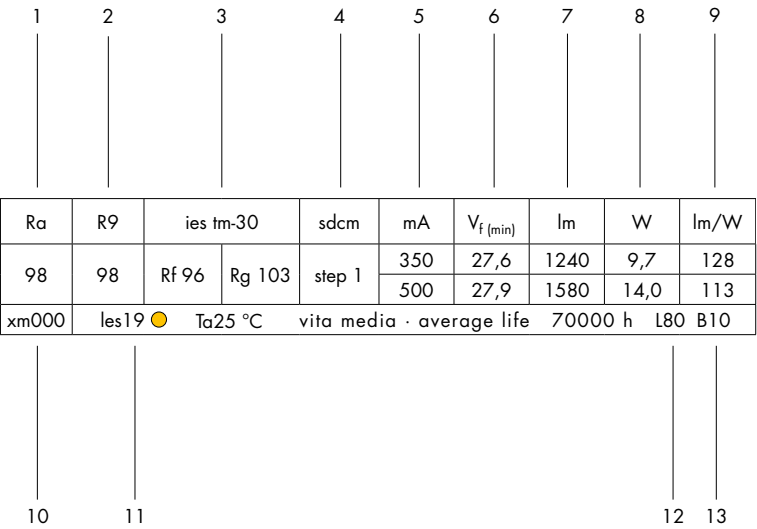


lettura delle tabelle tecniche how to read technical tables



componenti. components.	IK10	 
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accessori. accessories.	IK10	 
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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 emitting surface (mm)
12	% flusso residuo a fine vita · end life % flux
13	% consentita sotto limite · allowed % under limit

gradi di protezione protection degrees

IPX0	non protetto no protection	IK01	nessuna protezione no protection
IPX1	protetto contro la caduta verticale di gocce d'acqua protected against water drops falling vertically	IK01	protetto contro l'energia d'urto 0,15J protected against collision energy
IPX2	protetto contro la caduta di gocce con inclinazione max 15° protected against water drops max inclination 15°	IK02	protetto contro l'energia d'urto 0,2J protected against collision energy
IPX3	protetto contro la caduta di gocce con inclinazione max 60° protected against water drops max inclination 60°	IK03	protetto contro l'energia d'urto 0,35J protected against collision energy
IPOX	non protetto no protection	IK04	protetto contro l'energia d'urto 0,5J protected against collision energy
IP1X	contro corpi estranei >50 mm protection against solid objects	IK05	protetto contro l'energia d'urto 0,7J protected against collision energy
IP2X	contro corpi estranei >12 mm protection against solid objects	IK06	protetto contro l'energia d'urto 1J protected against collision energy
IP3X	contro corpi estranei >2,5 mm protection against solid objects	IK07	protetto contro l'energia d'urto 2J protected against collision energy
IP4X	contro corpi estranei >1 mm protection against solid objects	IK08	protetto contro l'energia d'urto 5J protected against collision energy
IP5X	protezione da polvere dust-protected	IK09	protetto contro l'energia d'urto 10J protected against collision energy
IP6X	stagno alla polvere dust-proof	IK10	protetto contro l'energia d'urto 20J protected against collision energy

legenda simboli symbols key

	tavolo · table
	terra · floor standing
	soffitto · ceiling
	parete · wall
	sospensione · suspension
	binario · track
	incasso · recessed
	scomparsa totale · fully concealed
	segnaletica+emergenza · signalling system+emergency
	portatili autoalimentati a batteria · portable self-powered with battery
	sistemi · systems
	palo · pole
	paletto · bollard
	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
	alimentatore incluso · power supply included
	alimentatore escluso · power supply not included
	alimentatore remoto incluso · remote power supply included
	alimentatore elettronico con controllo intelligente incluso · electronic power supply with smart control included
	alimentatore elettronico con controllo intelligente incluso, da installare remoto · electronic power supply with smart control included, to be installed remotely
	alimentatore a spina incluso · plug power supply included
	trasformatore incluso · transformer included
	trasformatore escluso · transformer not included
	kit di cablaggio · wiring kit
	kit di cablaggio escluso · wiring kit not included
	lampadina con sorgente elettronica led, ad incandescenza, alogena o fluorescente inclusa. bulb with led electronic source, incandescent, halogen or fluorescent included.
	lampadina con sorgente elettronica led, ad incandescenza, alogena o fluorescente esclusa. bulb with led electronic source, incandescent, halogen or fluorescent not included.
	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
	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)