Viabizzuno *progettiamo la luce*

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

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

Available from Cirrus Lighting · sales@cirruslighting.co.uk · 020 7193 2175

prodotto
product

schede tecniche
technical data sheet

curve fotometriche
photometric curves

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



apparecchio di illuminazione da terra per interni IP20, realizzato in alluminio ossidato e zama verniciata a polvere. composto da una base 200x200mm in cui sono innestate due aste diametro Ø13mm h.1000 o h.1800mm.
modelli:
n55 terra con lampadine classiche hm02,
n55 terra con lampadine decorative dc02,
n55 terra con lampadine decorative kk01,
n55 terra con lampadine decorative pz03,
n55 terra con lampadine decorative pz01 e pz03,
n55 terra con lampadina decorativa wm01 e lampadina tecnica spot82x79,
n55 terra con lampadina decorativa pz01 e lampadina tecnica spot82x79,
n55 terra con lampadina classica hm02 e lampadina tecnica spot55x61.
cablati con propulsore dinamico n55 55/350 les19 9,7W 350mA 1240lm,
e 55/500 les19 14W 500mA 1580lm Ra98 1 step macadam.
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.
base predisposta per alloggiare due aste 48Vdc cablata con alimentatore 120-240V, asta cablata con converter 48V a controllo intelligente che fornisce automaticamente la corrente adeguata al tipo di propulsore.
ruotando l'asta sulla base è possibile spegnere e accendere con quattro intensità di luce differenti: luce massima (100%), luce d'ambiente (60%), luce di riposo (25%), off (0%).
finiture: argento hacca, nero55. vetro trasparente, satinato, bianco latte.
personalizza la tua luce vai su www.Viabizzuno.com

IP20 rated table light fitting for indoor use, made of oxidised aluminium and powder coated zamak alloy. consisting of a 200x200mm base where two diameter Ø13mm h.1000 or h.1800mm rods are inserted.
versions:
n55 terra with hm02 classic bulbs,
n55 terra with dc02 decorative bulbs,
n55 terra with kk01 decorative bulbs,
n55 terra with pz03 decorative bulbs,
n55 terra with pz01 e pz03 decorative bulbs,
n55 terra with wm01 decorative bulb and spot82x79 technical bulb,
n55 terra with pz01 decorative bulb and spot82x79 technical bulb,
n55 terra with hm02 classic bulb and spot55x61 technical bulb.
wired with propulsore dinamico n55 55/350 les19 9.7W 350mA 1240lm,
and 55/500 les19 14W 500mA 1580lm Ra98 1 step macadam.
the specific n55 joint allows to change three types of light bulbs: classic, decorative and technical.
any irregularities in the glass are a guarantee of an unique product, blown and entirely hand crafted by master glassmakers.
the base is designed to accommodate two rods (48Vdc) and it is wired with 120-240V power supply, rod wired with 48V converter with intelligent control which automatically provides the suitable current according to the type of propeller.
by turning the rod on its base four different light intensities can be achieved: maximum light (100%), ambient light (60%) and restful light (25%), off (0%).
finishes: argento hacca, nero55; transparent, satin and milk white glass.
customize your light visit www.Viabizzuno.com

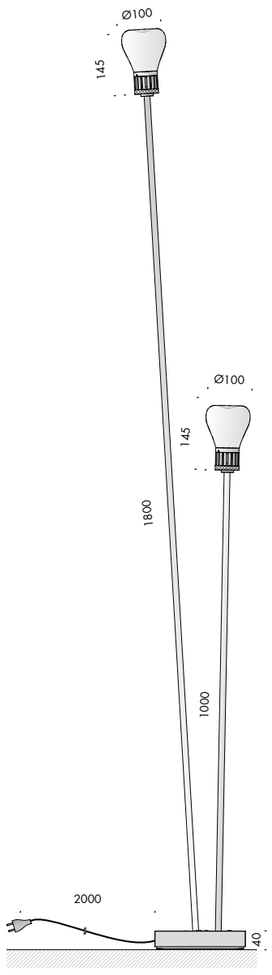


brevettato · patented

la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce







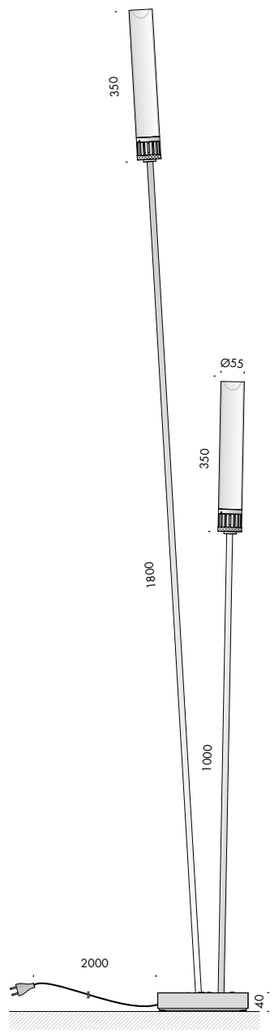
n55 terra hm02	120-240V 50-60Hz		IP20		
Via.552.0600	argento hacca	sabbiato · sanded	2700K	les19	10
Via.552.0602	nero55	sabbiato · sanded	2700K	les19	10

h.1800

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

h.1000

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



n55 terra dc02	120-240V 50-60Hz		IP20		
Via.552.0604	argento hacca	sabbiato · sanded	2700K	les19	10
Via.552.0606	nero55	sabbiato · sanded	2700K	les19	10

h.1800

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

h.1000

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



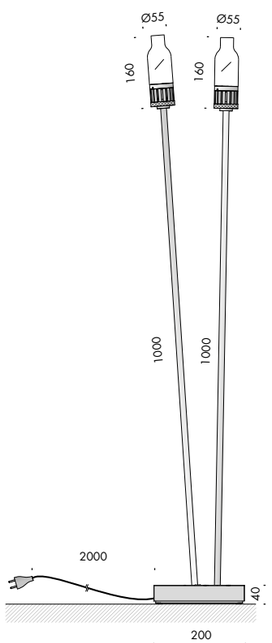


*la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di **Viabizzuno** che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce





n55 terra kk01	120-240V 50-60Hz A	IP20	PT	CE	
Via.552.0608	argento hacca	cristallo · crystal	2700K	les19 ●	10
Via.552.0612	nero55	cristallo · crystal	2700K	les19 ●	10



h.1000

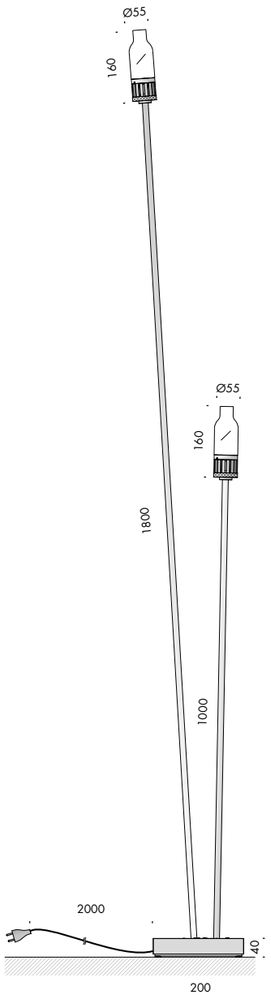
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19 ●	Ta25 °C		vita media · average life			70000 h	L80	B10



la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce







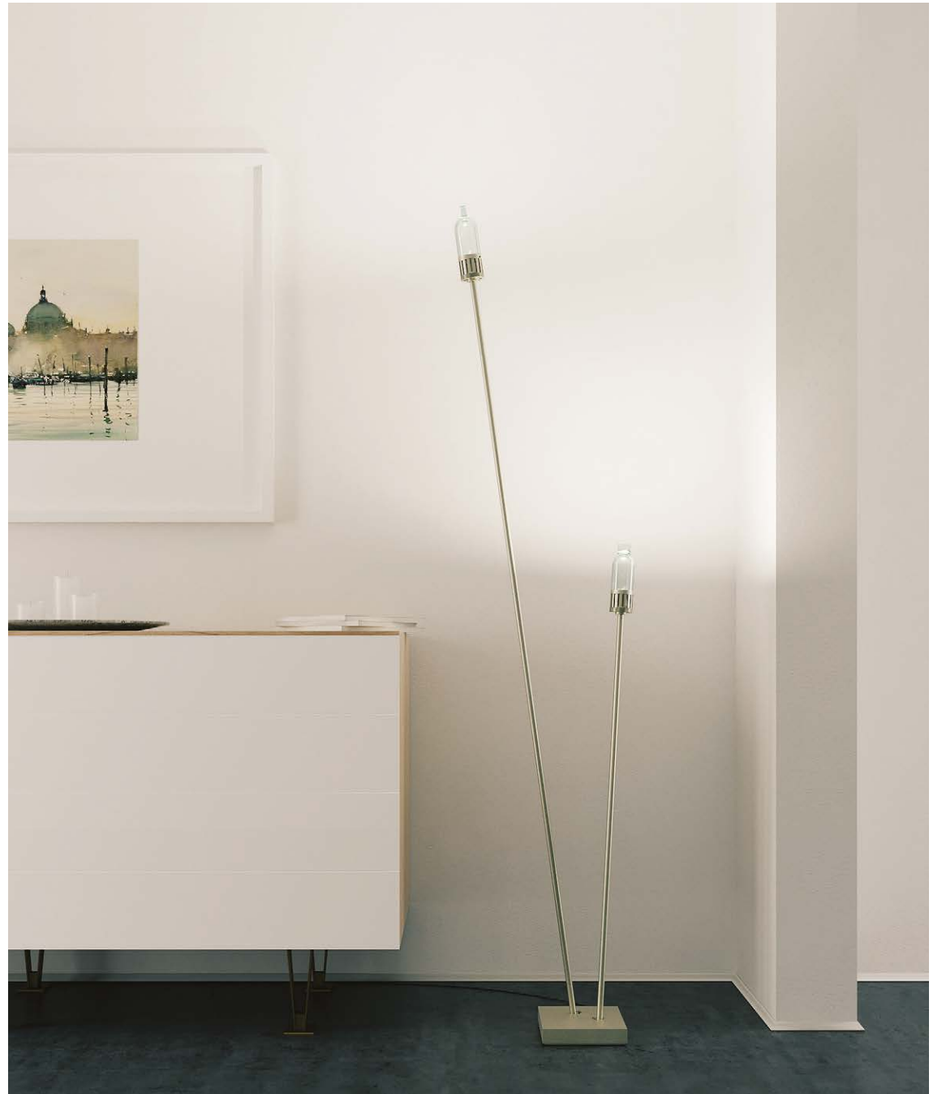
n55 terra kk01	**120-240V 50-60Hz** A		**IP20**	PT	CE	
Via.552.0610	argento hacca	cristallo · crystal	2700K	les19		10
Via.552.0614	nero55	cristallo · crystal	2700K	les19		10

h.1800

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

h.1000

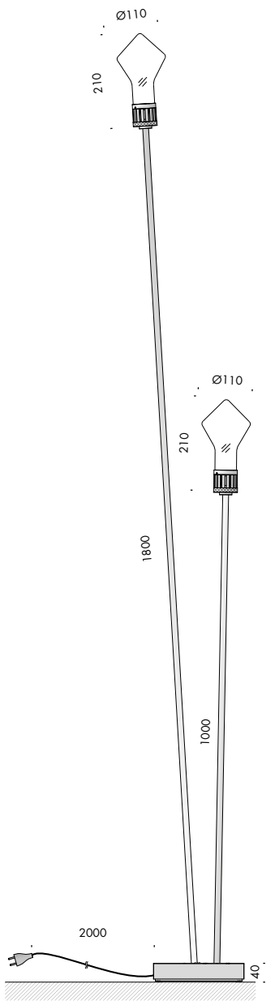
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10



la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce







n55 terra pz03 120-240V 50-60Hz A IP20 PF

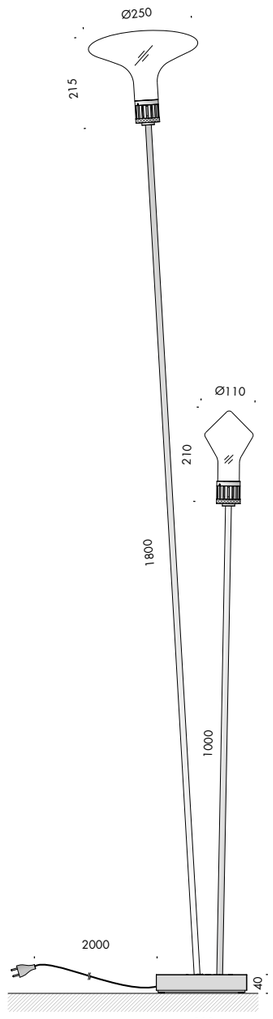
Via.552.0616	argento hacca	trasparente · transparent	2700K	les19	10
Via.552.0618	nero55	trasparente · transparent	2700K	les19	10

h.1800

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

h.1000

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



n55 terra pz01 pz03 120-240V 50-60Hz A IP20 PF

Via.552.0620	argento hacca	trasparente · transparent	2700K	les19	11
Via.552.0622	nero55	trasparente · transparent	2700K	les19	11

h.1800

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

h.1000

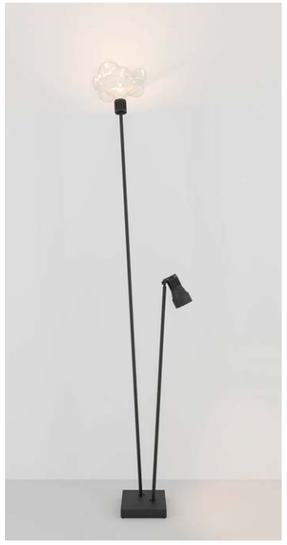
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

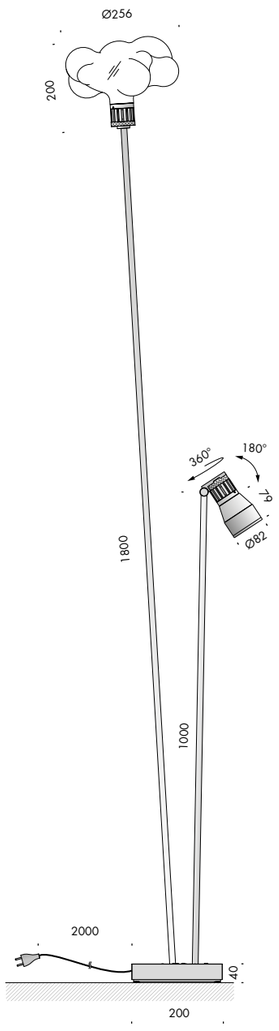




la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce







n55 terra wm01 spot82x79 120-240V 50-60Hz IP20

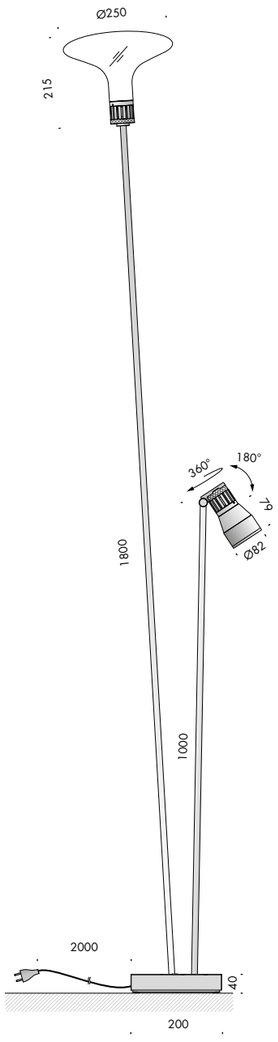
Via.552.0625	argento hacca	trasparente · transparent	2700K	les19		11
Via.552.0627	nero55	trasparente · transparent	2700K	les19		11

h.1800

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

h.1000 37°

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



n55 terra pz01 spot82x79 120-240V 50-60Hz IP20

Via.552.0629	argento hacca	trasparente · transparent	2700K	les19		11
Via.552.0631	nero55	trasparente · transparent	2700K	les19		11

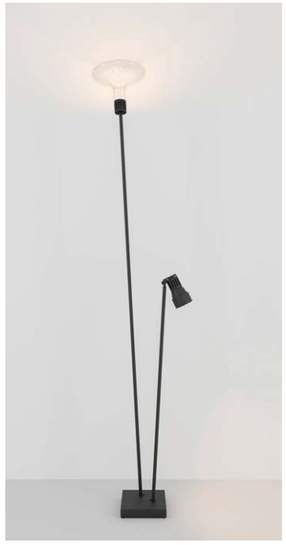
h.1800

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

h.1000 37°

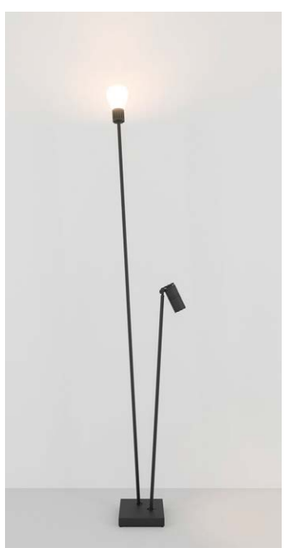
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

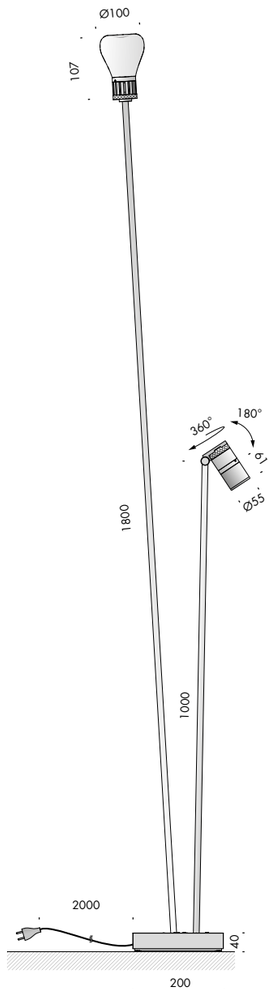




la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce







n55 terra hm02 spot55x61	**120-240V 50-60Hz**	**A**	**IP20**			
Via.552.0633	argento hacca	sabbiato · sanded	2700K	les19		10
Via.552.0635	nero55	sabbiato · sanded	2700K	les19		10

h.1800

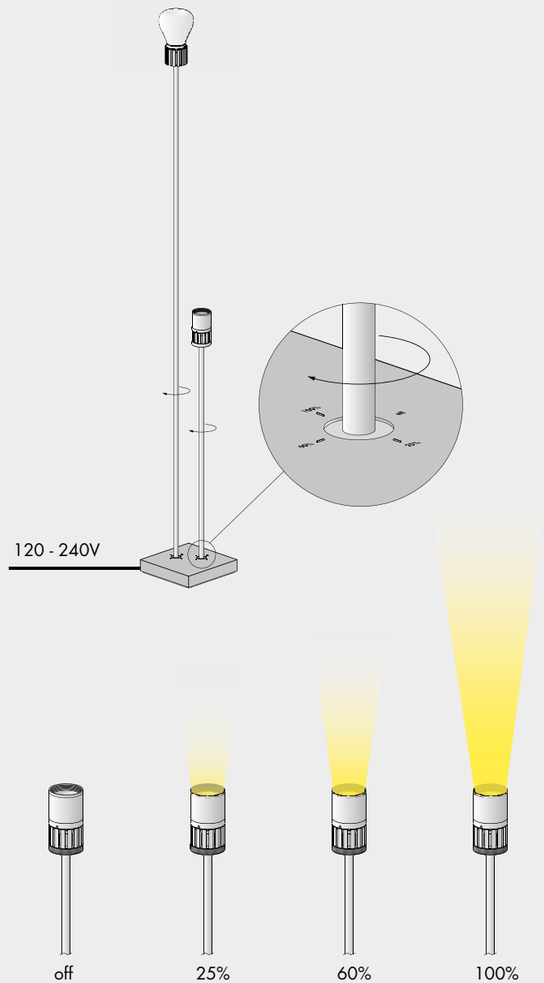
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

h.1000 36°

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

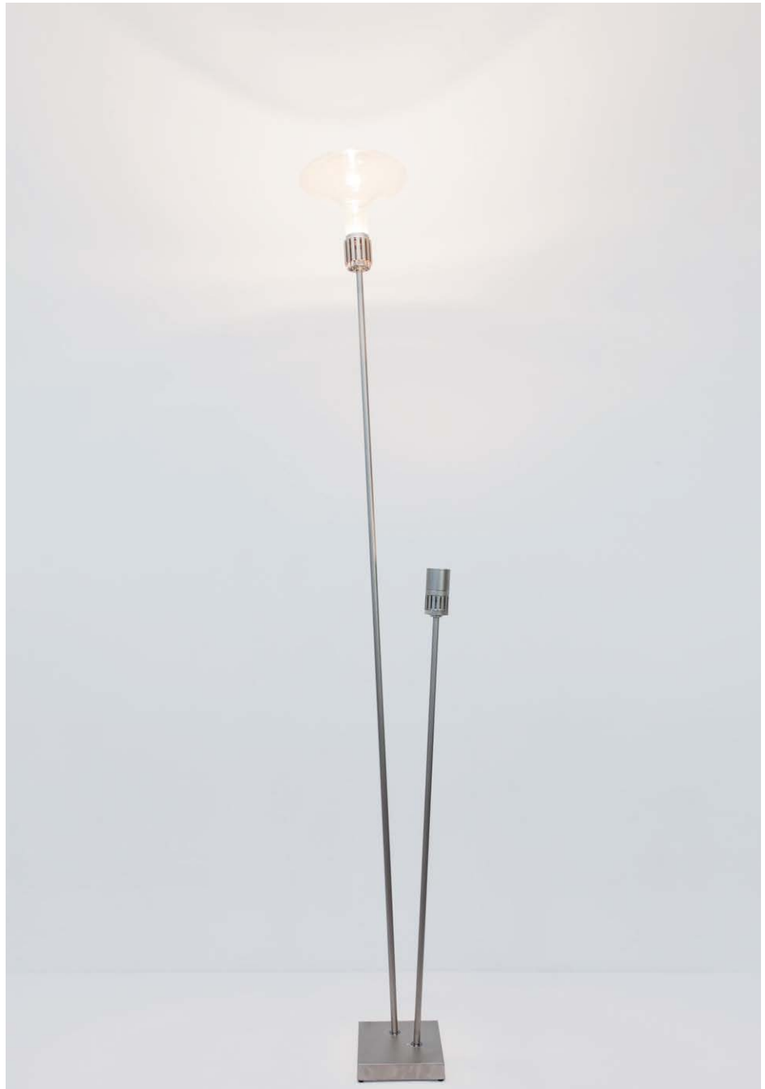


funzionamento dimmerazione · operation dimming n55 terra



la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

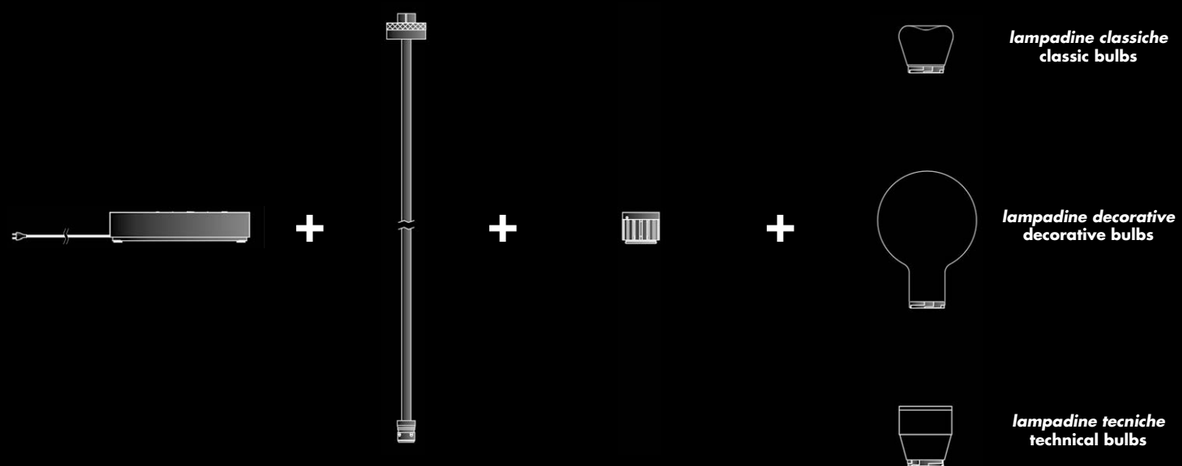




la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

personalizza la tua luce
vai su Viabizzuno.com

customize your light visit Viabizzuno.com



1. scegli l'interfaccia
choose the interface

2. scegli l'asta
choose the rod

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

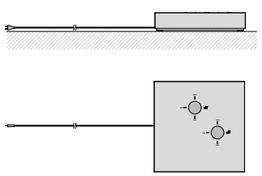
4. scegli la tua lampadina classica, decorativa e tecnica
choose your classic, decorative and technical bulb

la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce -* the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

Cirrus Lighting · 020 7193 2175 · sales@cirruslighting.co.uk · cirruslighting.co.uk

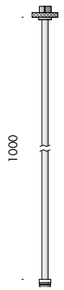
n55 terra

n55 terra base
alimentatore a spina
plug-in power supply

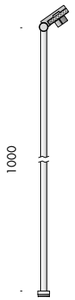


aste
rods

asta 1000



asta 1000 orientabile



asta 1800



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

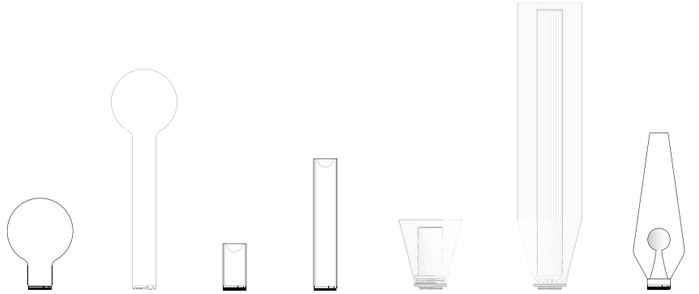
65/700
les19
700mA
2140 lm
19,9W
108 lm/W

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

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

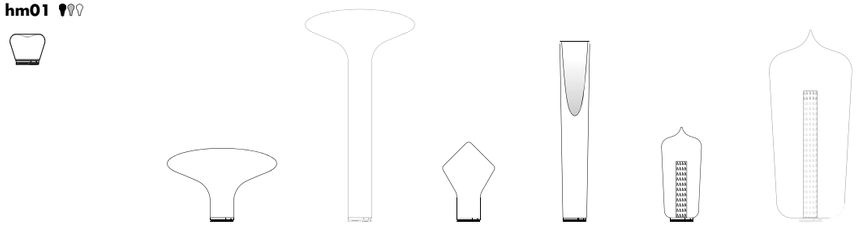
lampadina classica
classic bulb

lampadina decorativa
decorative bulb



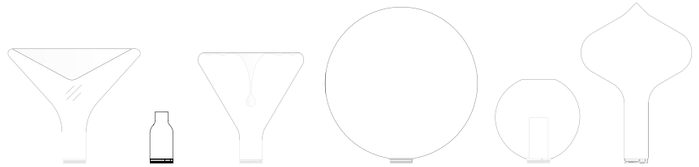
mn01 **dc01** **dc02** **tc01**

hm01

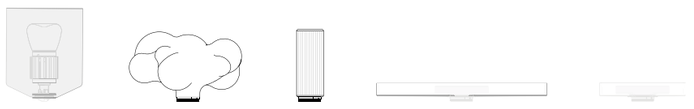


pz01 **pz03** **ddp01** **mk01**

hm02



kk01



wm01 **ajp01**

lampadina tecnica
technical bulb

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

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

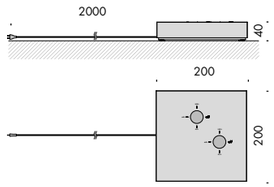
	spot100
les19	16° 25° 40° 54°
les9	10° 22°

	lensoptica amP150
les19	22° 51°
les9	13°

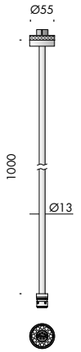
	lensoptica amP180
les19	15° 41° 53° 20°x55°
les9	10°

la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

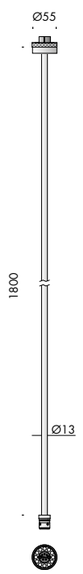
Cirrus Lighting · 020 7193 2175 · sales@cirruslighting.co.uk · cirruslighting.co.uk



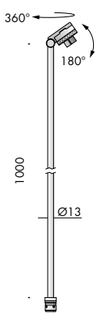
n55 terra base	110-240V 50-60Hz	IP20	CE	
Vb4.580.01	argento hacca	350÷1050mA		5
Vb4.580.02	nero55	350÷1050mA		5



asta 1000	48Vdc	IP20	CE	
Vb4.580.07	argento hacca	350÷1050mA		0,4
Vb4.580.08	nero55	350÷1050mA		0,4

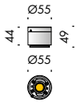


asta 1800	48Vdc	IP20	CE	
Vb4.580.03	argento hacca	350÷1050mA		0,6
Vb4.580.04	nero55	350÷1050mA		0,6



asta 1000 orientabile	48Vdc	IP20	CE	
Vb4.580.11	argento hacca	350÷1050mA		0,5
Vb4.580.12	nero55	350÷1050mA		0,5

la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce



propulsore dinamico 55/350e IP20

Vb9.580.150.27	argento hacca	2700K	les19	0,2
Vb9.580.151.27	nero55	2700K	les19	0,2

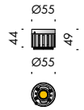
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.150.30	argento hacca	3000K	les19	0,2
Vb9.580.151.30	nero55	3000K	les19	0,2

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

Vb9.580.150.30v	argento hacca	3000VbK	les19	0,2
Vb9.580.151.30v	nero55	3000VbK	les19	0,2

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



propulsore dinamico 55/350 IP20

Vb9.580.50.27	argento hacca	2700K	les19	0,2
Vb9.580.51.27	nero55	2700K	les19	0,2

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

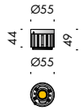
Vb9.580.50.30	argento hacca	3000K	les19	0,2
Vb9.580.51.30	nero55	3000K	les19	0,2

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

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

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

*la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di **Viabizzuno** che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce



propulsore dinamico 55/500 IP20

Vb9.580.62.27	argento hacca	2700K	les19 ●	0,2
Vb9.580.63.27	nero55	2700K	les19 ●	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 ●	0,2
Vb9.580.63.30	nero55	3000K	les19 ●	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 ●	0,2
Vb9.580.63.30v	nero55	3000VbK	les19 ●	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



Vb9.580.101.27	argento hacca	2700K	les9 ●	0,2
Vb9.580.102.27	nero55	2700K	les9 ●	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 ●	0,2
Vb9.580.102.30	nero55	3000K	les9 ●	0,2

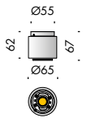
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59
xe001	les9 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.101.30v	argento hacca	3000VbK	les9 ●	0,2
Vb9.580.102.30v	nero55	3000VbK	les9 ●	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

Available from Cirrus Lighting · sales@cirruslighting.co.uk · 020 7193 2175

*la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di **Viabizzuno** che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce



propulsore dinamico 65/500e IP20

Vb9.580.154.27	argento hacca	2700K	les19	0,3
Vb9.580.155.27	nero55	2700K	les19	0,3

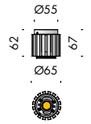
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.154.30	argento hacca	3000K	les19	0,3
Vb9.580.155.30	nero55	3000K	les19	0,3

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

Vb9.580.154.30v	argento hacca	3000VbK	les19	0,3
Vb9.580.155.30v	nero55	3000VbK	les19	0,3

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



propulsore dinamico 65/700 IP20

Vb9.580.54.27	argento hacca	2700K	les19	0,3
Vb9.580.55.27	nero55	2700K	les19	0,3

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

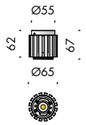
Vb9.580.54.30	argento hacca	3000K	les19	0,3
Vb9.580.55.30	nero55	3000K	les19	0,3

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

Vb9.580.54.30v	argento hacca	3000VbK	les19	0,3
Vb9.580.55.30v	nero55	3000VbK	les19	0,3

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

Available from Cirrus Lighting · sales@cirruslighting.co.uk · 020 7193 2175
*la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di **Viabizzuno** che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce



propulsore dinamico 65/700 IP20

Vb9.580.106.27	argento hacca	2700K	les9 ●	0,3
Vb9.580.107.27	nero55	2700K	les9 ●	0,3

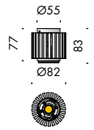
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	27,9	1110	19,5	57
xe000	les9 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.106.30	argento hacca	3000K	les9 ●	0,3
Vb9.580.107.30	nero55	3000K	les9 ●	0,3

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

Vb9.580.106.30v	argento hacca	3000VbK	les9 ●	0,3
Vb9.580.107.30v	nero55	3000VbK	les9 ●	0,3

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



propulsore dinamico 82/1050 IP20

Vb9.580.58.27	argento hacca	2700K	les19 ●	0,5
Vb9.580.59.27	nero55	2700K	les19 ●	0,5

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

Vb9.580.58.30	argento hacca	3000K	les19 ●	0,5
Vb9.580.59.30	nero55	3000K	les19 ●	0,5

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

Vb9.580.58.30v	argento hacca	3000VbK	les19 ●	0,5
Vb9.580.59.30v	nero55	3000VbK	les19 ●	0,5

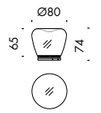
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	1050	29,0	3000	30,5	98
xm007	les19 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

Available from Cirrus Lighting · sales@cirruslighting.co.uk · 020 7193 2175
*la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di **Viabizzuno** che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

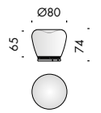




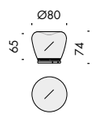
mario nanni



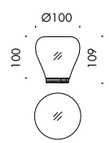
Vb9.580.01.t hm01 trasparente · transparent 0,05



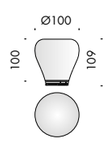
Vb9.580.01.s hm01 sabbiata · sanded 0,05



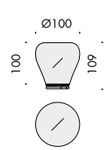
Vb9.580.01.b hm01 bianco latte · milk white 0,05



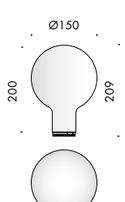
Vb9.580.02.t hm02 trasparente · transparent 0,1



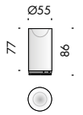
Vb9.580.02.s hm02 sabbiata · sanded 0,1



Vb9.580.02.b hm02 bianco latte · milk white 0,1

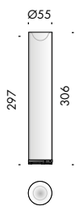


Vb9.580.03.s mn01 sabbiato · sanded 0,3

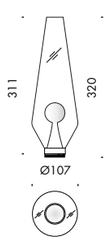


david chipperfield

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

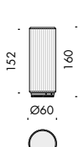


Vb9.580.06.s dc02 sabbiato · sanded 0,3



tzach cohen

Vb9.580.180.ts tc01 trasparente, sabbiato · transparent, sanded 0,4



al-jawad pike

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

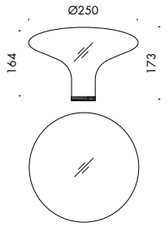


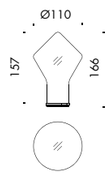


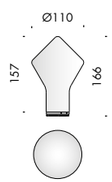
*la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di **Viabizzuno** che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

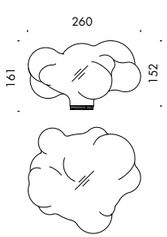










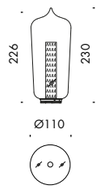


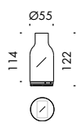
peter zumthor ☆ CE

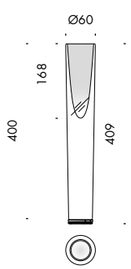
Vb9.580.08.t	pz01 trasparente · transparent	0,3
Vb9.580.11.t	pz03 trasparente · transparent	0,2
Vb9.580.11.s	pz03 sabbiato · sanded	0,2

winy maas ☆ CE

Vb9.580.09.t	wm01 trasparente · transparent	0,6









marcio kogan ☆ CE

Vb9.580.111.t	mk01 trasparente · transparent	0,4

kengo kuma ☆ CE

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

domenico de palo ☆ CE

Vb9.580.114.t	ddp01 trasparente,sabbiato · transparent, sanded	0,5

accessori per lampadina trasparente. transparent bulb accessories. ☆ CE

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





*la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di **Viabizzuno** che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

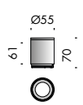




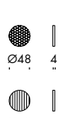
spot35				
Vb9.580.21	argento hacca	87° les19		0,1
Vb9.580.22	nero55	87° les19		0,1



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



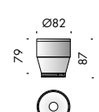
spot55x61				
Vb9.580.25	argento hacca	36° les19		0,2
Vb9.580.26	nero55	36° les19		0,2
Vb9.580.27	argento hacca	47° les19		0,2
Vb9.580.28	nero55	47° les19		0,2



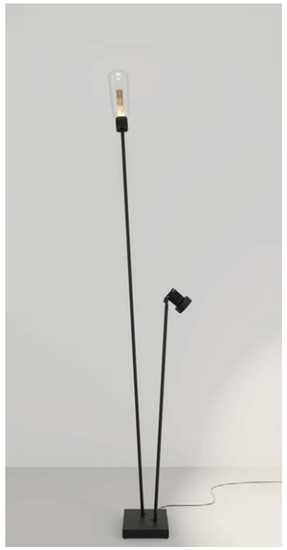
accessori spot55. accessories.		
Vb9.580.91	frangiluce nido d'ape · honeycomb louvre	0,01
Vb9.580.92	lente ellittica · elliptical lens	0,04



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



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

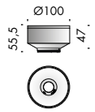




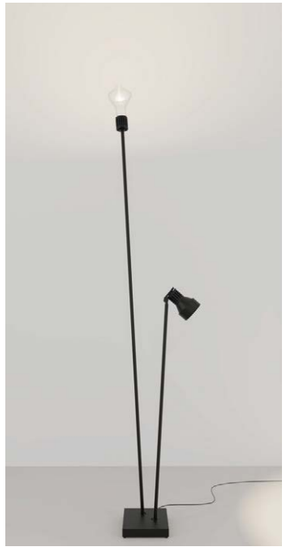
la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

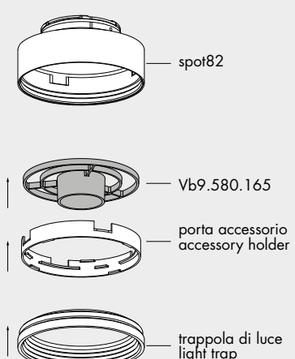


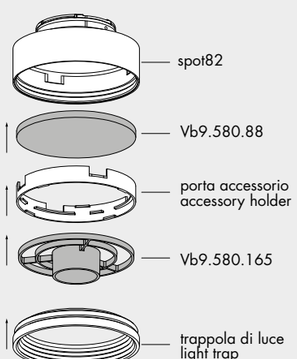
accessori spot82. accessories.		
Vb9.580.86	frangiluce nido d'ape · honeycomb louvre	0,01
Vb9.580.87	lente ellittica · elliptical lens	0,05
Vb9.580.88	vetro albarino · albarino glass	0,05
Vb9.580.165	anti abbagliamento · anti-glare	0,03

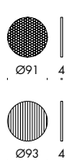


spot100				
Vb9.580.37	argento hacca	10° les9	16° les19	0,1
Vb9.580.38	nero55	10° les9	16° les19	0,1
Vb9.580.39	argento hacca	22° les9	25° les19	0,1
Vb9.580.40	nero55	22° les9	25° les19	0,1
Vb9.580.41	argento hacca		40° les19	0,1
Vb9.580.42	nero55		40° les19	0,1
Vb9.580.43	argento hacca		54° les19	0,1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



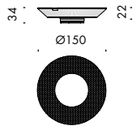




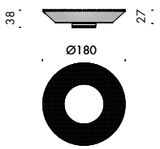


accessori spot100. accessories.		
Vb9.580.93	frangiluce nido d'ape · honeycomb louvre	0,01
Vb9.580.94	lente ellittica · elliptical lens	0,05

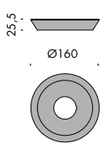
la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce



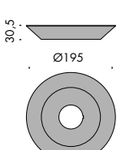
lensoptica amP150				
Vb9.518.91	fascio stretto · narrow beam	13° 22°	les9 les19	0,3
Vb9.518.92	fascio largo · wide beam	51°	les19	0,3



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

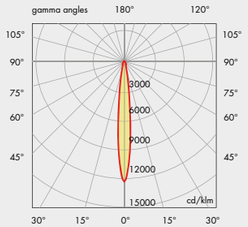


riflettore in metallo 150		
Vb9.518.95.n	nero55	0,1
Vb9.518.95.h	argento hacca	0,1

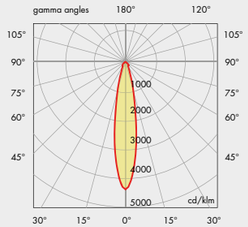


riflettore in metallo 180		
Vb9.518.96.n	nero55	0,1
Vb9.518.96.h	argento hacca	0,1

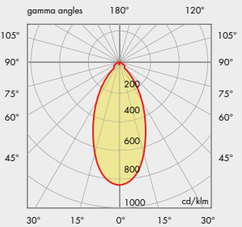
lensoptica amP150 13° les9
fascio stretto · narrow beam



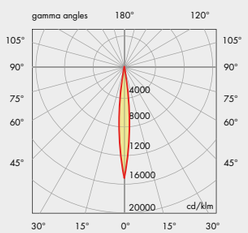
lensoptica amP150 22° les19
fascio stretto · narrow beam



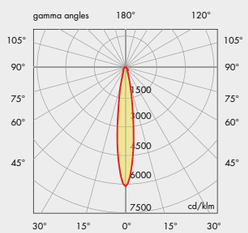
lensoptica amP150 51° les19
fascio largo · wide beam



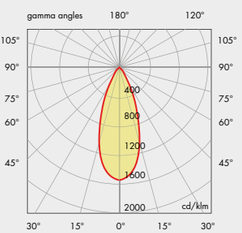
lensoptica amP180 10° les9
fascio stretto · narrow beam



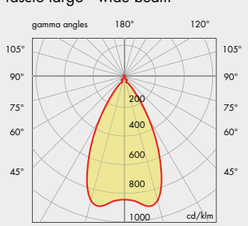
lensoptica amP180 15° les19
fascio stretto · narrow beam



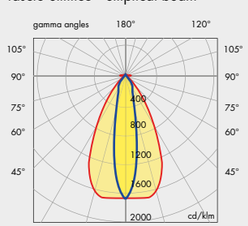
lensoptica amP180 41° les19
fascio medio · medium beam



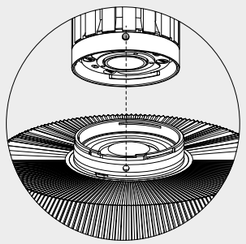
lensoptica amP180 53° les19
fascio largo · wide beam

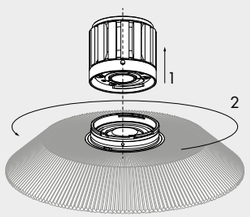


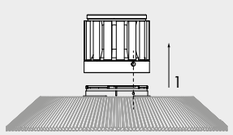
lensoptica amP180 20°x55° les19
fascio ellittico · elliptical beam

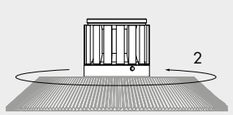


lensoptica amP
installazione · mounting









Available from Cirrus Lighting · sales@cirruslighting.co.uk · 020 7193 2175
la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce





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



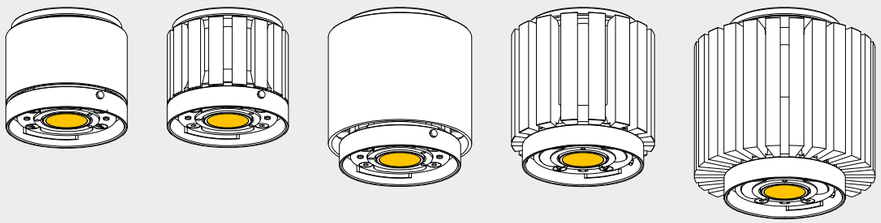
lensoptica amP180
fascio ellittico · elliptical beam

la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

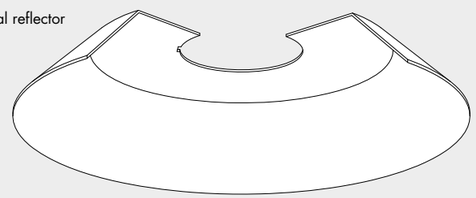
lensoptica amP è il risultato di una ricerca sviluppata da Viabizzuno su progetto david chipperfield architects con lo studio internazionale di ingegneria arup per fornire alle sorgenti luminose elettroniche un'ottica ad alta efficienza in grado di avere sia una luce concentrata che diffusa.
l'alta efficienza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

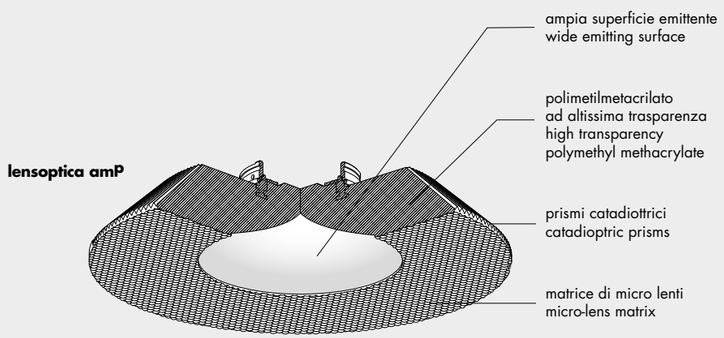
lensoptica amP is the result of a long research and development process made by Viabizzuno on a david chipperfield architects with arup, international engineering studio, design to provide electronic light sources with a high efficiency optics that can have either a focused and a diffuse light.
high 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.

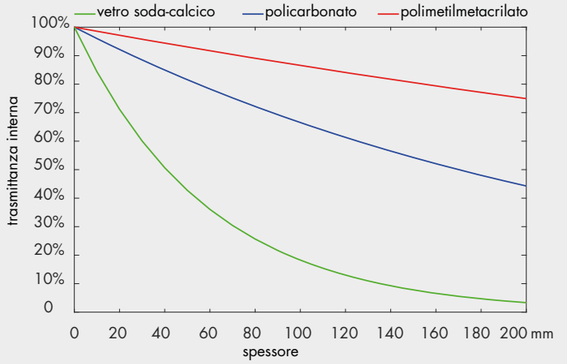
propulsore dinamico n55



riflettore in metallo · metal reflector

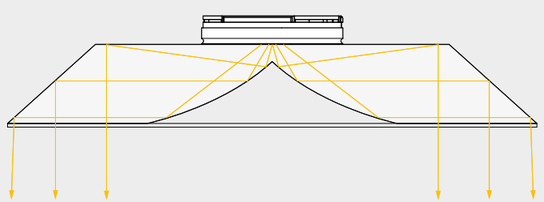




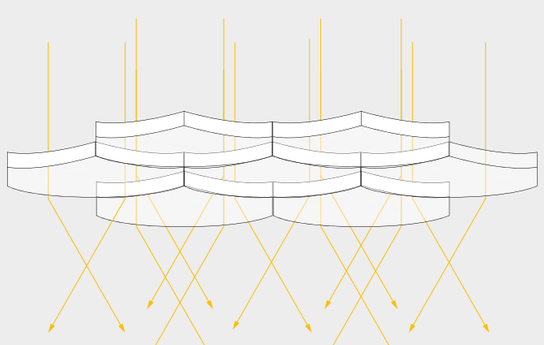


la trasmittanza interna (T) di un materiale trasparente è determinata dallo spessore (x) e dal coefficiente d'assorbimento del materiale stesso (a) secondo la legge di lambert-beer $T_{(x)} = e^{-ax}$
the internal transmittance of a transparent material (T) is determined by the thickness (x) and by the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

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



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.

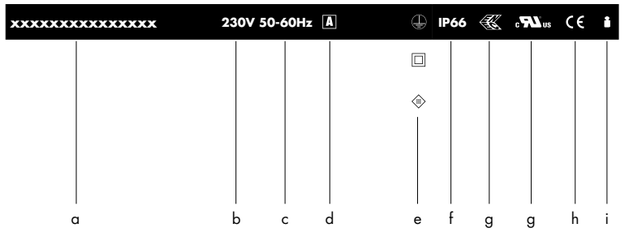
Available from Cirrus Lighting · sales@cirruslighting.co.uk · 020 7193 2175
la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

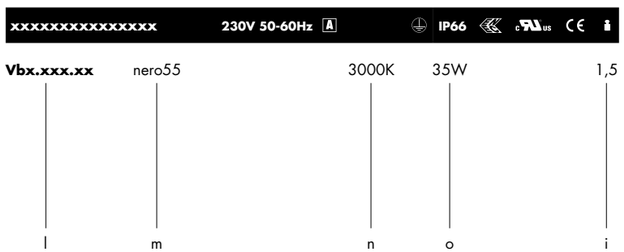


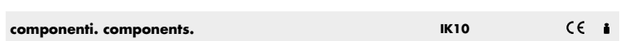


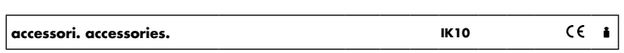
Available from Cirrus Lighting · sales@cirruslighting.co.uk · 020 7193 2175
la divulgazione e l'uso di questi elaborati è consentito solo previa autorizzazione scritta di ***Viabizzuno*** *che ne è e ne rimane l'unica proprietaria. copyright 2021© Viabizzuno progettiamo la luce* - the disclosure and use of these drawings is permitted only with the authorization of ***Viabizzuno*** which is and remains the only owner. 2021 copyright© Viabizzuno progettiamo la luce

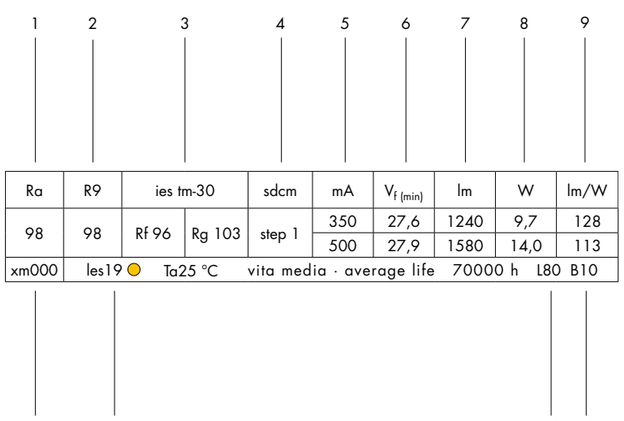
lettura delle tabelle tecniche how to read technical tables











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

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

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

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

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

gradi di protezione protection degrees

IP0X *non protetto*
no protection

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

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

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

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

IP5X *protezione da polvere*
dust-protected

IP6X *stagno alla polvere*
dust-proof

IPX0 *non protetto*
no protection

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

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

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

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

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

IPX6 *protetto contro inondazioni*
rotected against flooding

IPX7 *per breve immersione*
protected against brief immersions

IPX8 *per immersione prolungata*
protected against long immersion

IK01 *nessuna protezione*
no protection

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

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

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

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

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

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

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

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

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

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

legenda simboli symbols key

ta *tavolo* · table

tr *terra* · floor standing

s *soffitto* · ceiling

p *parete* · wall

sp *sospensione* · suspension

bin *binario* · track

in *incasso* · recessed

st *scomparsa totale* · fully concealed

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

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

sis *sistemi* · systems

pa *palo* · *pole*

pt *paletto* · bollard

sd *seduta* · sitting

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

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

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

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

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

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

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

apparecchio di illuminazione approvato da kema · kema approved light fitting

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

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

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

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

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

vetro opalino · opal glass

vetro sabbiato · sanded glass

vetro nero fumè · black smoke glass

vetro trasparente · transparent glass

vetro bianco latte · white milk glass

cristallo · crystal

policarbonato opalino · opal polycarbonate diffuser

carrabile · drive over

A *alimentatore incluso* · power supply included

A *alimentatore escluso* · power supply not included

AR *alimentatore remoto incluso* · remote power supply included

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

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

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

T *trasformatore incluso* · transformer included

T *trasformatore escluso* · transformer not included

K *kit di cablaggio* · wiring kit

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

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

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

pr *propulsore dinamico n55 incluso* · included

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

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

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

l.d. *luce diretta* · direct light

l.i. *luce indiretta* · indirect light

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

.d2 *dimmerazione dali* · dimmable dali

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

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

peso netto · net weight (kg)