Viabizzuno *progettiamo la luce*

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

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

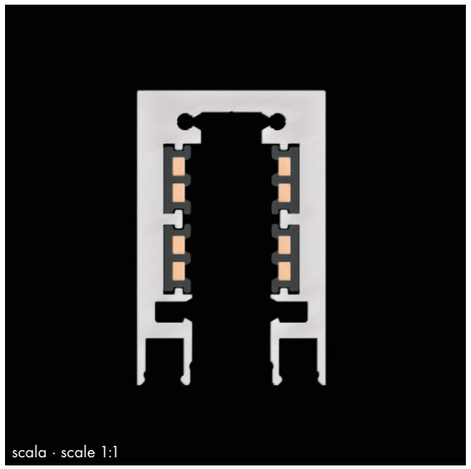
prodotto
product

schede tecniche
data sheets

curve fotometriche
photometric curves

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

A1 system marionanni 2016

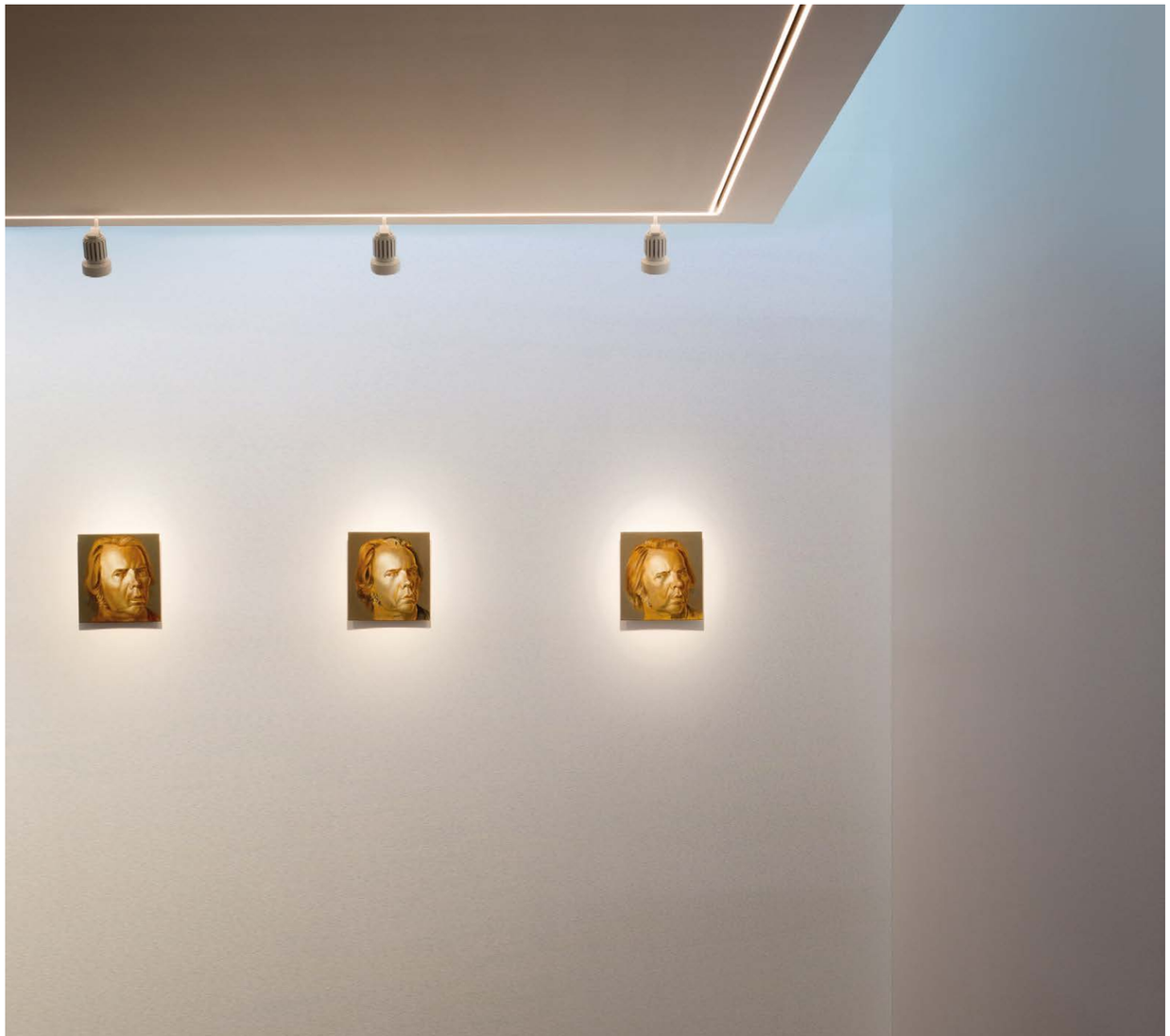


scala · scale 1:1

brevettato · patented

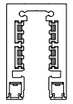
sistema a binario per interni IP20.
realizzato con profilo di alluminio estruso ossidato 30x48mm fino a 3000mm.
possibilità di installazione a soffitto e scomparsa totale tramite apposita cassaforma.
otto conduttori di rame di sezione 3mm² formano quattro linee di accensione fino a 5 ampere.
predisposto per alloggiare adattatori per interfacce sistema n55 in versione orientabile e sospensione.
modelli:
A1 system senza sorgente elettronica,
A1 system con sorgente elettronica completo di estruso in policarbonato satinato.
cablato con sorgente elettronica lineare 2700K o 3000K 2x13W/m fino a 1250lm/m con regolatori di corrente integrati per luce diffusa. propulsori dinamici n55 abbinabili:
55/350e les19 9,7W 350mA 1240lm,
55/350 les19 9,7W 350mA 1240lm,
55/500 les19 14W 500mA 1580lm,
55/500 les9 13,6W 500mA 800lm,
65/500e les19 14W 500mA 1580lm,
65/700 les19 19,9W 700mA 2140lm,
65/700 les9 19,5W 700mA 1110lm,
82/1050 les19 30,5W 1050mA 3000lm.
i propulsori dinamici n55 hanno sorgente elettronica 2700K, 3000K o 3000Vb K (progettato per il settore alta moda) Ra98 1 step macadam. l'apposito attacco n55 permette di intercambiare tre tipi di lampadina: classica, decorativa e tecnica.
alimentatore a tensione costante 48Vdc escluso, da installare remoto.
accessori: adattatore di alimentazione fornito con cavo 8x1mm² 3000mm,
giunti lineari, giunti angolari, kit di sospensione.
finiture: argento hacca e nero55.

IP20 rated track system for indoor use.
made of 30x48mm oxidized extruded aluminium profile up to 3000mm long.
possibility of ceiling installation and fully concealed using the appropriate housing.
eight copper conductors of 3mm² section create four power lines up to 5 ampere.
designed to accommodate adaptors for n55 system interfaces adjustable and suspension version.
versions:
A1 system without led sources,
A1 system with led sources provided with extruded frosted polycarbonate.
wired with linear 2700K or 3000K led source 2x13W/m up to1250lm/m with integrated current controllers for diffuse light.
matching propulsori dinamici n55:
55/350e les19 9.7W 350mA 1240lm,
55/350 les19 9.7W 350mA 1240lm,
55/500 les19 14W 500mA 1580lm,
55/500 les9 13.6W 500mA 800lm,
65/500e les19 14W 500mA 1580lm,
65/700 les19 19.9W 700mA 2140lm,
65/700 les9 19.5W 700mA 1110lm,
82/1050 les19 30.5W 1050mA 3000lm.
the propulsori dinamici n55 have 2700K, 3000K or 3000Vb K (designed for the high fashion industry) led source Ra98 1 step macadam.
the specific n55 joint ables to change easily tre type of bulbs: classic, decorative and technical.
constant voltage 48Vdc power supply not included, to be installed remotely.
accessories: power supply adapter provided with 8x1mm² 3000mm long cable, linear joints, angular joints, suspension kit.
finishes: argento hacca and nero55.



A1 system	n55 adattatore A1	propulsore dinamico n55	lampadina classica classic bulb	lampadina decorativa decorative bulb	lampadina tecnica technical bulb

A1 system



n55 adattatore A1 30

n55 adattatore A1 100

n55 adattatore A1 sospensione

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

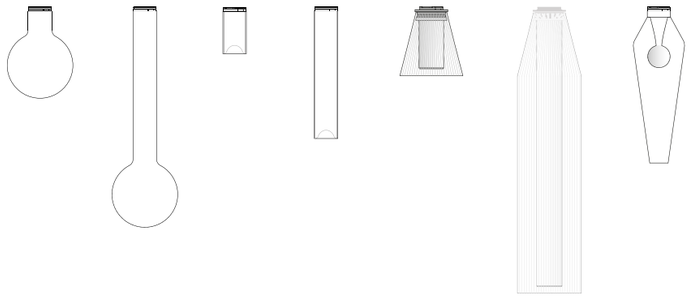
65/700


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

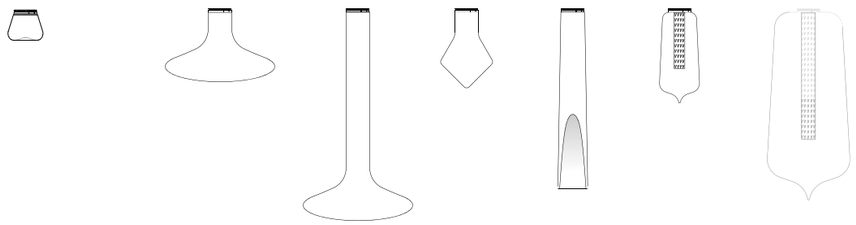
82/1050


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

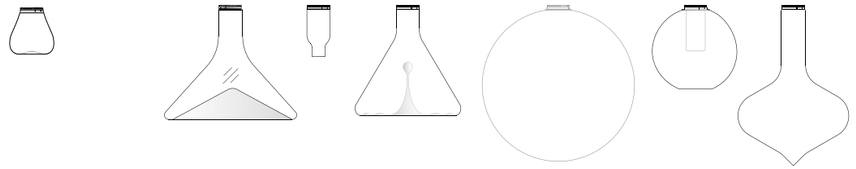
mn01 **mn02** **dc01** **dc02** **dc04** **tc01**



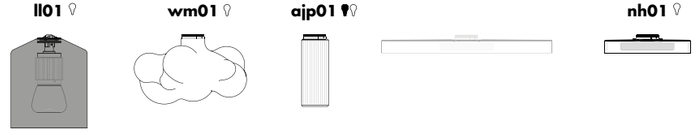
hm01 **pz01** **pz02** **pz03** **ddp01** **mk01** **mk02**



hm02 **gt01** **kk01** **ml01** **oma02** **rdai01**



ll01 **wm01** **ajp01** **nh01**



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

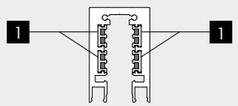
	spot82x35	spot82x79
les19	31° 42°	23° 37° 46°
les9	13° 19° 23° 35°	

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

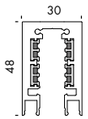
	lensoptica amP150
les19	22° 51°
les9	13°

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

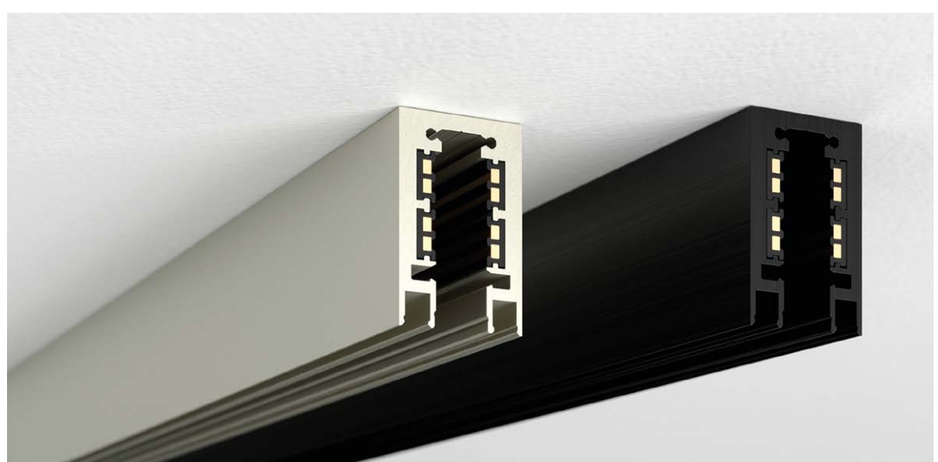
A1 system

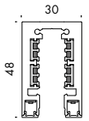


1 alimentazione 48Vdc
power supply



A1 system		**48Vdc**		**IP20**		CE	
Vb6.613.05	nero55				3000mm		4,5
Vb6.613.06	argento hacca				3000mm		4,5
Vb6.613.11	nero55				2000mm		3
Vb6.613.12	argento hacca				2000mm		3
Vb6.613.15	nero55				1000mm		1,5
Vb6.613.16	argento hacca				1000mm		1,5





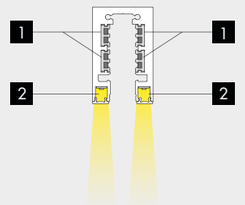
A1 system		**48Vdc**		**IP20**		CE	
Vb6.613.05.27	nero55	2700K	2x39W		3000mm		4,5
Vb6.613.06.27	argento hacca	2700K	2x39W		3000mm		4,5
Vb6.613.11.27	nero55	2700K	2x26W		2000mm		3
Vb6.613.12.27	argento hacca	2700K	2x26W		2000mm		3
Vb6.613.15.27	nero55	2700K	2x13W		1000mm		1,5
Vb6.613.16.27	argento hacca	2700K	2x13W		1000mm		1,5

Ra	R9	ies tm/30		sdcm	Vf	lm/m	W/m	lm/W
95	90	Rf 90	Rg 98	step 2	48	1200	13	92
V0010	5,9	Ta25 °C		vita media · average life		50000 h	L80	B10

A1 system		**48Vdc**		**IP20**		CE	
Vb6.613.05.30	nero55	3000K	2x39W		3000mm		4,5
Vb6.613.06.30	argento hacca	3000K	2x39W		3000mm		4,5
Vb6.613.11.30	nero55	3000K	2x26W		2000mm		3
Vb6.613.12.30	argento hacca	3000K	2x26W		2000mm		3
Vb6.613.15.30	nero55	3000K	2x13W		1000mm		1,5
Vb6.613.16.30	argento hacca	3000K	2x13W		1000mm		1,5

Ra	R9	ies tm-30		sdcm	Vf	lm/m	W/m	lm/W
95	90	Rf 93	Rg 102	step 2	48	1250	13	96
V0011	5,9	Ta25 °C		vita media · average life		50000 h	L80	B10

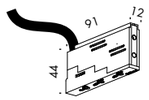
A1 system



1 alimentazione 48Vdc
power supply

2 linea di luce 13W/m

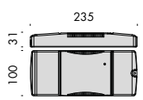
componenti. components.



Vb6.613.40 adattatore di alimentazione nero con 8 contatti
black feeding head with 8 contacts — 0,5

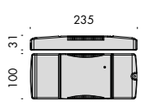
Vb6.613.43 terminale nero per adattatore di alimentazione
black terminal for power supply — 0,1

alimentatori spot. power supplies. 240V 50-60Hz/48V



t4.055 dimmerabile dali · dali dimmable — 75W — 0,15

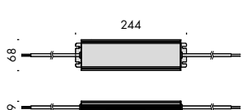
t4.056 dimmerabile dali · dali dimmable — 150W — 0,15



t4.057 on/off — 75W — 0,15

t4.058 on/off — 150W — 0,15

accessori linee di luce. accessories.

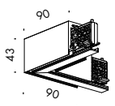


t4.053 alimentatore on/off 240V/48Vdc · power supply — 240W — 0,1

t4.213.f converter dali 48Vdc/48Vdc — 240W — 1,1

accessori. accessories.

Vb6.613.42 terminale cieco nero · black blind terminal — 0,1

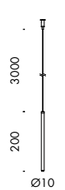


Vb6.613.44 giunto angolare 90° collegamento meccanico
angular joint 90° mechanical joint — nero55 — 0,5

Vb6.613.45 giunto angolare 90° collegamento meccanico
angular joint 90° mechanical joint — argento hacca — 0,5

Vb6.613.46 giunto lineare elettrificato
linear electrified joint — nero · black — 0,2

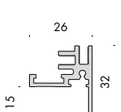
Vb6.613.47 giunto lineare meccanico
linear mechanical joint — nero · black — 0,2



Vb6.613.48 sospensione kit · suspension kit — argento hacca — 0,2

Vb6.613.49 sospensione kit · suspension kit — nero55 — 0,2

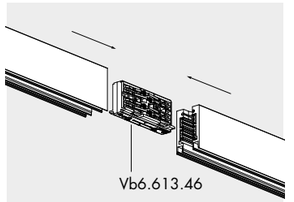
accessori per scomparsa totale. fully concealed accessories.

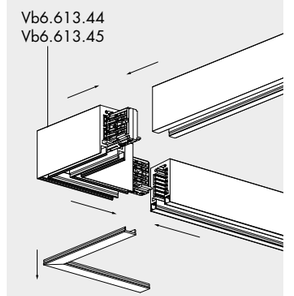


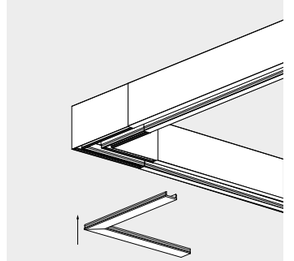
Vb6.587.01	alluminio naturale · natural aluminium	3000mm	2 pz · pcs	3
Vb6.587.02	alluminio naturale · natural aluminium	3000mm	10 pz · pcs	15
Vb6.587.03	alluminio naturale · natural aluminium	3000mm	100 pz · pcs	150

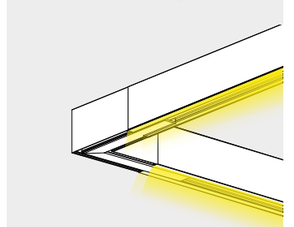
Vb9.613.04	piastra di fissaggio · fixing plate	2 pz · pcs	0,5
Vb9.613.04.s	piastra di fissaggio · fixing plate	10 pz · pcs	1
Vb9.613.04.p	piastra di fissaggio · fixing plate	100 pz · pcs	11

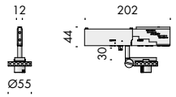
Vb9.613.05 testata di chiusura · end caps — 2 pz · pcs — 0,5



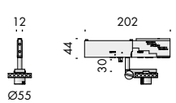




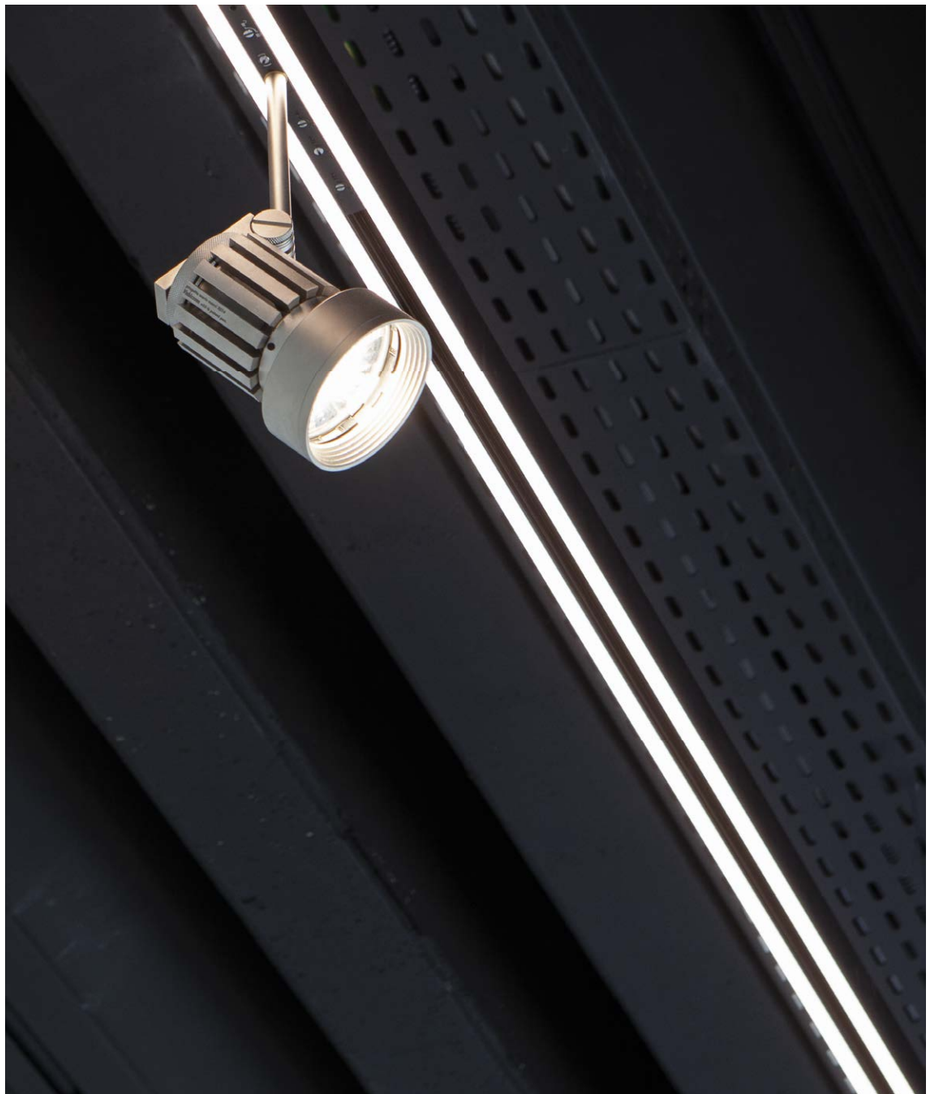


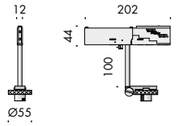


n55 adattatore A1 30 controllo intelligente			48Vdc	CE	
Vb6.613.50	350/500/700/1050mA	nero55		on/off	0,3
Vb6.613.51	350/500/700/1050mA	argento hacca		on/off	0,3

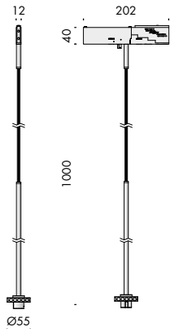


n55 adattatore A1 30			48Vdc	CE	
Vb6.613.55.350	350mA	nero55		dali	0,3
Vb6.613.56.350	350mA	argento hacca		dali	0,3
Vb6.613.55.500	500mA	nero55		dali	0,3
Vb6.613.56.500	500mA	argento hacca		dali	0,3
Vb6.613.55.700	700mA	nero55		dali	0,3
Vb6.613.56.700	700mA	argento hacca		dali	0,3

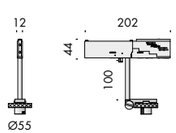




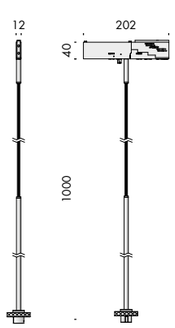
n55 adattatore A1 100 controllo intelligente			48Vdc	CE	
Vb6.613.52	350/500/700/1050mA	nero55		on/off	0,4
Vb6.613.54	350/500/700/1050mA	argento hacca		on/off	0,4



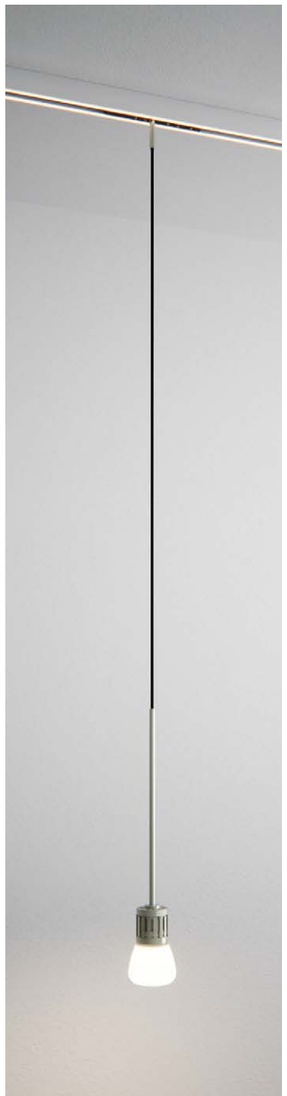
n55 adattatore A1 sospensione controllo intelligente			48Vdc	CE	
Vb6.613.170	350/500/700/1050mA	nero55		on/off	0,4
Vb6.613.171	350/500/700/1050mA	argento hacca		on/off	0,4

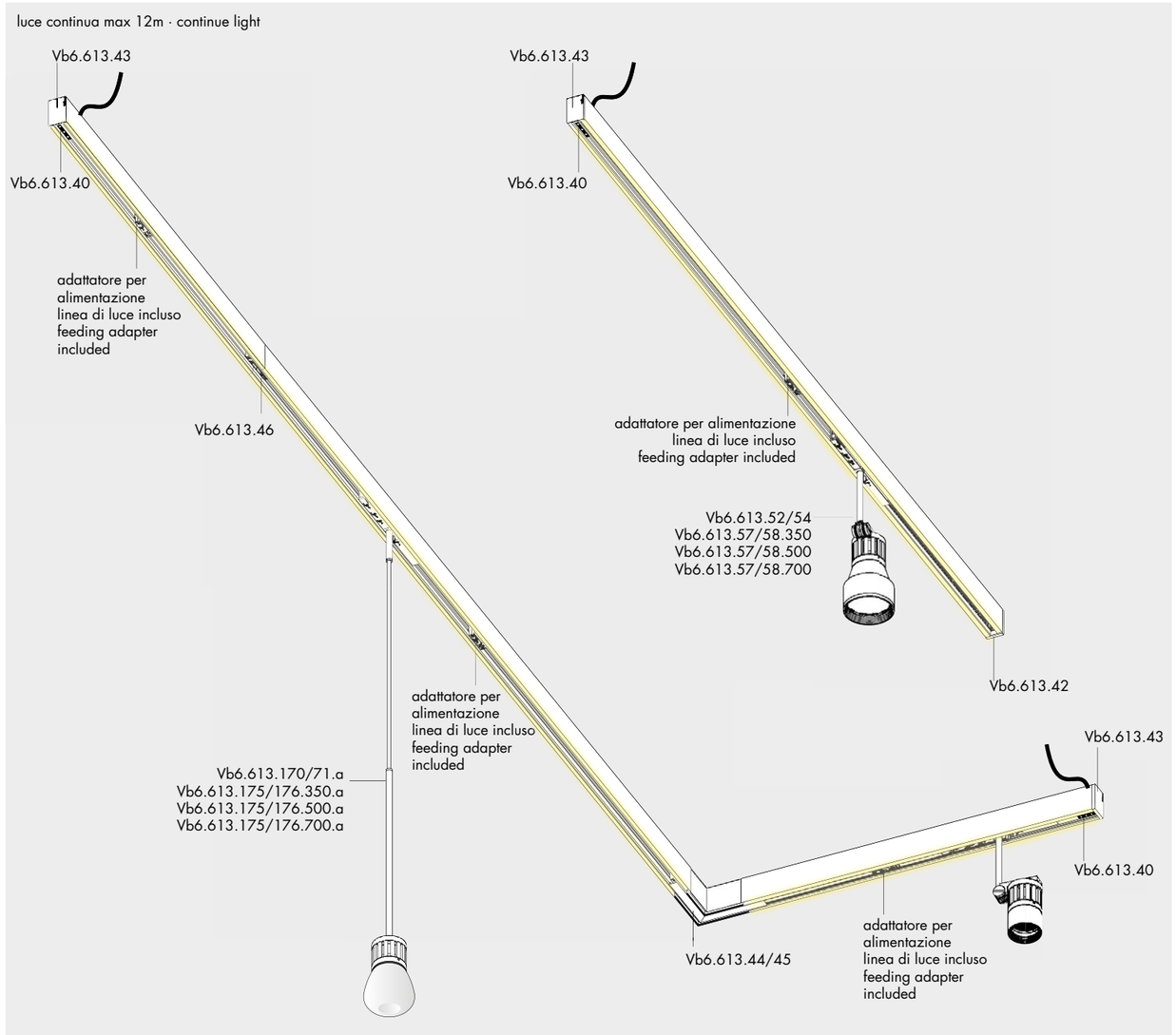


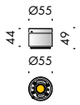
n55 adattatore A1 100			48Vdc	CE	
Vb6.613.57.350	350mA	nero55		dali	0,4
Vb6.613.58.350	350mA	argento hacca		dali	0,4
Vb6.613.57.500	500mA	nero55		dali	0,4
Vb6.613.58.500	500mA	argento hacca		dali	0,4
Vb6.613.57.700	700mA	nero55		dali	0,4
Vb6.613.58.700	700mA	argento hacca		dali	0,4



n55 adattatore A1 sospensione			48Vdc	CE	
Vb6.613.175.350	350mA	nero55		dali	0,4
Vb6.613.176.350	350mA	argento hacca		dali	0,4
Vb6.613.175.500	500mA	nero55		dali	0,4
Vb6.613.176.500	500mA	argento hacca		dali	0,4
Vb6.613.175.700	700mA	nero55		dali	0,4
Vb6.613.176.700	700mA	argento hacca		dali	0,4







propulsore dinamico 55/350e IP20

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

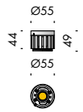
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.150.30	argento hacca	3000K	les19		0,2
Vb9.580.151.30	nero55	3000K	les19		0,2
Vb9.580.152.30	my bianco	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
Vb9.580.152.30v	my bianco	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
Vb9.580.52.27	my bianco	2700K	les19		0,2

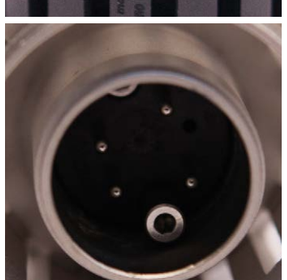
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

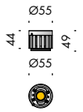
Vb9.580.50.30	argento hacca	3000K	les19		0,2
Vb9.580.51.30	nero55	3000K	les19		0,2
Vb9.580.52.30	my bianco	3000K	les19		0,2

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
Vb9.580.52.30v	my bianco	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 55/500			IP20						
Vb9.580.62.27	argento hacca	2700K		les19 ●		0,2			
Vb9.580.63.27	nero55	2700K		les19 ●		0,2			
Vb9.580.64.27	my bianco	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			
Vb9.580.64.30	my bianco	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			
Vb9.580.64.30v	my bianco	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

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

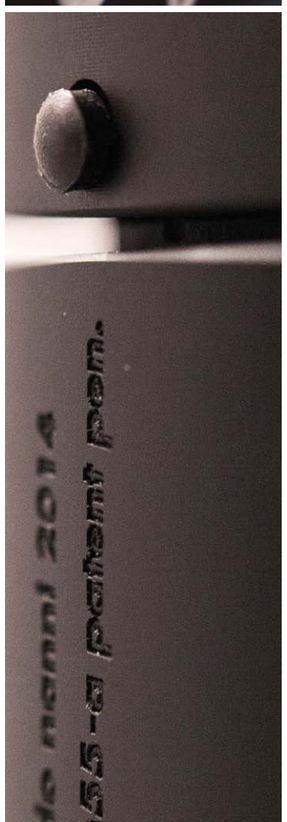
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59
xe000	les9 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

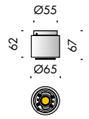
Vb9.580.101.30	argento hacca	3000K		les9 ●		0,2			
Vb9.580.102.30	nero55	3000K		les9 ●		0,2			
Vb9.580.103.30	my bianco	3000K		les9 ●		0,2			

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			
Vb9.580.103.30v	my bianco	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





propulsore dinamico 65/500e IP20

Vb9.580.154.27	argento hacca	2700K		les19	0,3									
Vb9.580.155.27	nero55	2700K		les19	0,3									
Vb9.580.156.27	my bianco	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									
Vb9.580.156.30	my bianco	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									
Vb9.580.156.30v	my bianco	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									
Vb9.580.56.27	my bianco	2700K		les19	0,3									

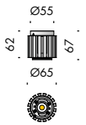
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

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



propulsore dinamico 65/700 IP20

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

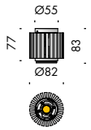
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	27,9	1110	19,5	57
xe000	les9 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.106.30	argento hacca	3000K	les9 ● 0,3
Vb9.580.107.30	nero55	3000K	les9 ● 0,3
Vb9.580.108.30	my bianco	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
Vb9.580.108.30v	my bianco	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
Vb9.580.60.27	my bianco	2700K	les19 ● 0,5

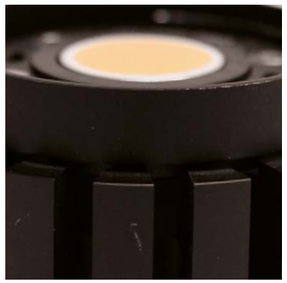
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98
xm000	les19 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

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

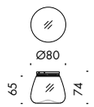
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98
xm001	les19 ●	Ta25 °C		vita media · average life			70000 h	L80	B10

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

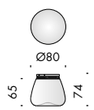
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	1050	29,0	3000	30,5	98
xm007	les19 ●	Ta25 °C		vita media · average life			70000 h	L80	B10



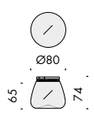
mario nanni



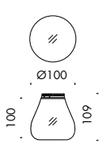
Vb9.580.01.t hm01 trasparente · transparent 0,05



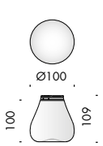
Vb9.580.01.s hm01 sabbiata · sanded 0,05



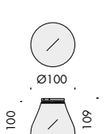
Vb9.580.01.b hm01 bianco latte · milk white 0,05



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

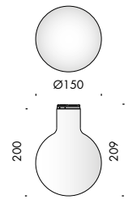


Vb9.580.02.s hm02 sabbiata · sanded 0,1

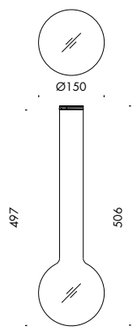


Vb9.580.02.b hm02 bianco latte · milk white 0,1

mario nanni

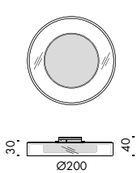


Vb9.580.03.s mn01 sabbiato · sanded 0,3



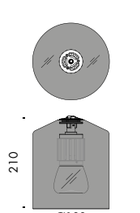
Vb9.580.04.t mn02 trasparente · transparent 0,5

neri&hu



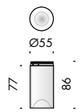
Vb9.580.116.ts nh01 trasparente, sabbiato · transparent, sanded 0,9

luigi lanzi

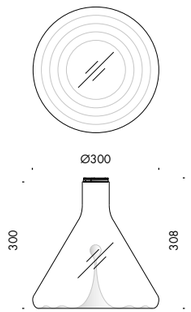


Vb9.580.170 ll01 nero fumè · black smoke 1,6

david chipperfield ☆ CE

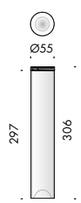


Vb9.580.05.s dc01 sabbiato · sanded 0,1

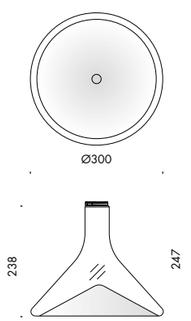


max lam ☆ CE

Vb9.580.13.t ml01 trasparente · transparent 1,4

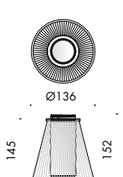


Vb9.580.06.s dc02 sabbiato · sanded 0,3

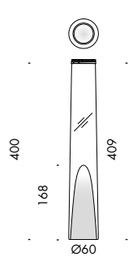


gio tirotto ☆ CE

Vb9.580.17.t gt01 trasparente, sabbiato · transparent, sanded 1

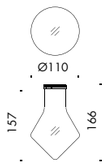


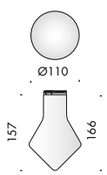
Vb9.580.20.tr dc04 trasparente, rigato e sabbiato 0,3
transparent, striped and sanded

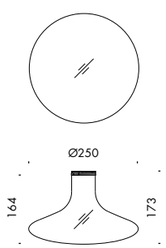


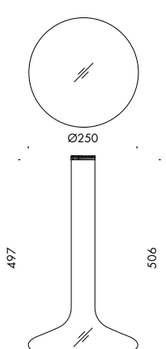
domenico de palo ☆ CE

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

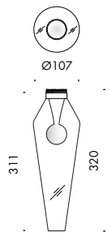


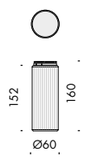


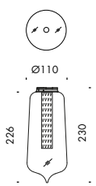


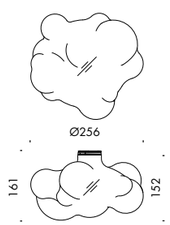


peter zumthor		☆ CE
Vb9.580.11.t	pz03 trasparente · transparent	0,2
Vb9.580.11.s	pz03 sabbiato · sanded	0,2
Vb9.580.08.t	pz01 trasparente · transparent	0,3
Vb9.580.10.t	pz02 trasparente · transparent	0,6









tzach cohen ☆ CE

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

al-jawad pike ☆ CE

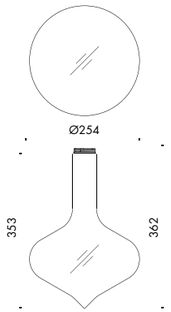
Vb9.580.18.tr ajp01 trasparente, rigato · transparent, striped 0,2

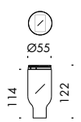
marcio kogan ☆ CE

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

winy maas ☆ CE

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





rdai ☆ CE

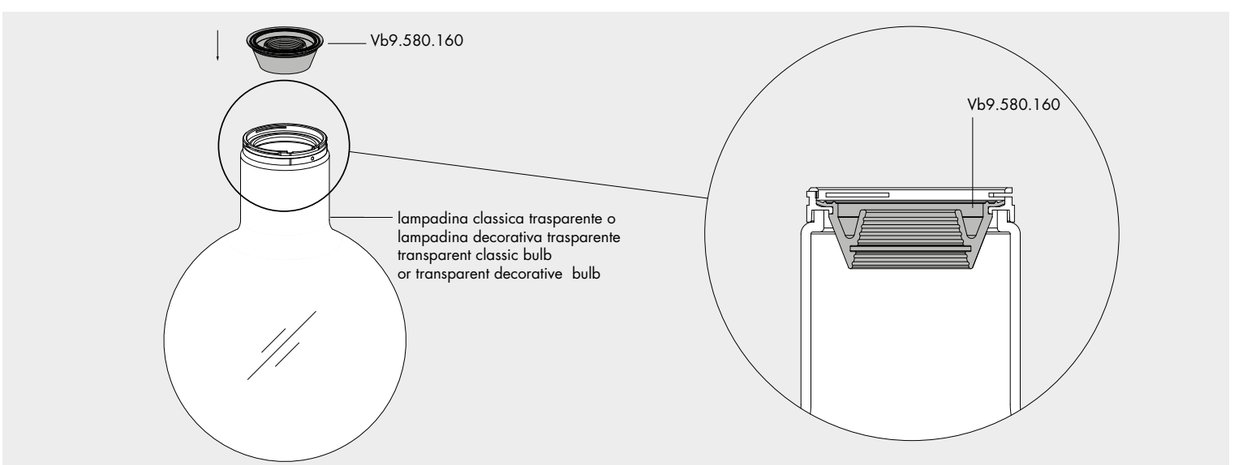
Vb9.580.12.t rdai01 trasparente · transparent 0,6

kengo kuma ☆ CE

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

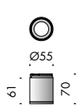
accessori per lampadina trasparente. transparent bulb accessories. ☆ CE

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

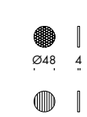


spot35				
Vb9.580.21	argento hacca	87° les19		0,1
Vb9.580.22	nero55	87° les19		0,1
Vb9.580.22.b	my bianco	87° les19		0,1

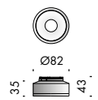
spot55x37				
Vb9.580.121	argento hacca	18° les9		0,1
Vb9.580.122	nero55	18° les9		0,1
Vb9.580.122.b	my bianco	18° les9		0,1
Vb9.580.123	argento hacca	23° les9	30° les19	0,1
Vb9.580.124	nero55	23° les9	30° les19	0,1
Vb9.580.124.b	my bianco	23° les9	30° les19	0,1
Vb9.580.125	argento hacca	36° les9	38°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



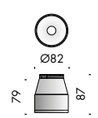
spot55x61				
Vb9.580.25	argento hacca	36° les19		0,2
Vb9.580.26	nero55	36° les19		0,2
Vb9.580.26.b	my bianco	36° les19		0,2
Vb9.580.27	argento hacca	47° les19		0,2
Vb9.580.28	nero55	47° les19		0,2
Vb9.580.28.b	my bianco	47° les19		0,2



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

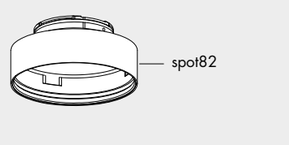


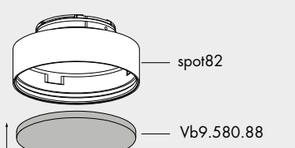
spot82x35				
Vb9.580.131	argento hacca	13° les9		0,1
Vb9.580.132	nero55	13° les9		0,1
Vb9.580.137	my bianco	13° les9		0,1
Vb9.580.133	argento hacca	19° les9		0,1
Vb9.580.134	nero55	19° les9		0,1
Vb9.580.138	my bianco	19° les9		0,1
Vb9.580.135	argento hacca	23° les9	31° les19	0,1
Vb9.580.136	nero55	23°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

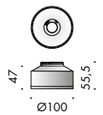


spot82x79				
Vb9.580.31	argento hacca	23° les19		0,2
Vb9.580.32	nero55	23° les19		0,2
Vb9.580.32.b	my bianco	23° les19		0,2
Vb9.580.33	argento hacca	37° les19		0,2
Vb9.580.34	nero55	37° les19		0,2
Vb9.580.34.b	my bianco	37° les19		0,2
Vb9.580.35	argento hacca	46° les19		0,2
Vb9.580.36	nero55	46° les19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

accessori spot82. accessories. ☆ CE		
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



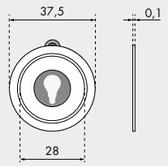




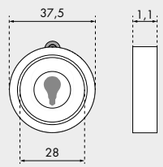
spot100 ☆ CE				
Vb9.580.37	argento hacca	10° les9	16° les19	0,1
Vb9.580.38	nero55	10° les9	16° les19	0,1
Vb9.580.38.b	my bianco	10° les9	16° les19	0,1
Vb9.580.39	argento hacca	22° les9	25° les19	0,1
Vb9.580.40	nero55	22° les9	25° les19	0,1
Vb9.580.40.b	my bianco	22° les9	25° les19	0,1
Vb9.580.41	argento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

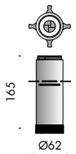
accessori spot100. accessories. ☆ CE		
Vb9.580.93	frangiluce nido d'ape · honeycomb louvre	0,01
Vb9.580.94	lente ellittica · elliptical lens	0,05

dimensioni gobos in acciaio
steel gobos size



dimensioni gobos in vetro
glass gobos size

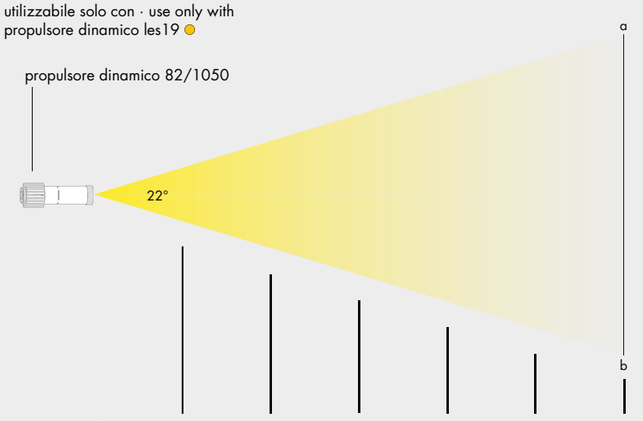




spot sagomatore			
Vb9.580.120	sagomatore · profile spot	les19 ●	0,7

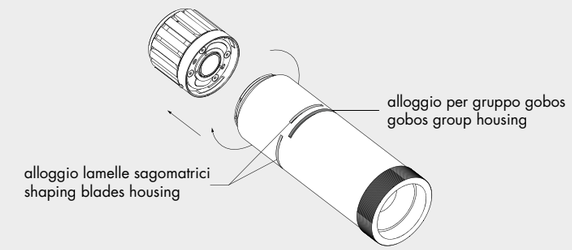
accessori. accessories.		
Vb9.580.118	gruppo per alloggiamento gobo in vetro housing for glass gobos	0,01
Vb9.580.119	gruppo per alloggiamento gobo in acciaio housing for steel gobos	0,1

utilizzabile solo con · use only with
propulsore dinamico les19 ●

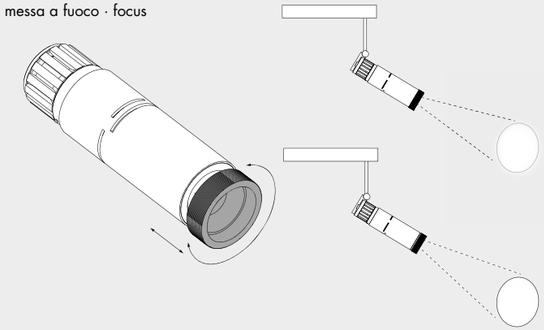


d (m)	ab (m)	e_{max} (lx)	e_{med} (lx)
1	0,38	2761	2273
2	0,76	690	568
3	1,14	307	253
4	1,51	173	142
5	1,89	110	91
6	2,27	77	63

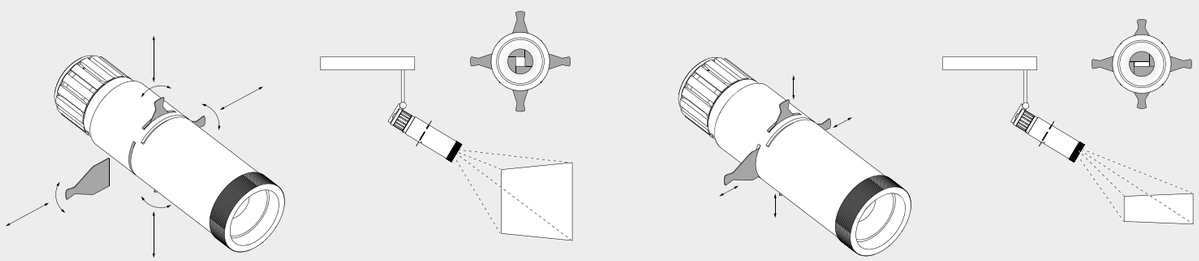
montaggio su propulsore dinamico n55
propeller mounting



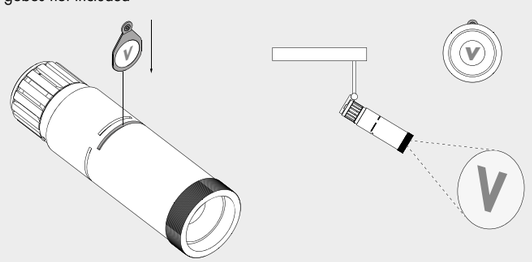
messa a fuoco · focus



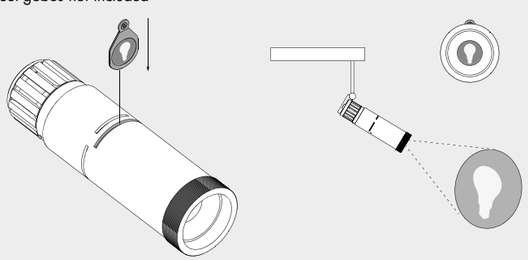
uso delle lamelle sagomatrici · use of shaping blades

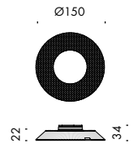


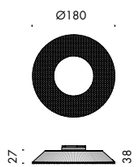
gobo in vetro non incluso
glass gobos not included

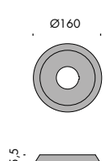


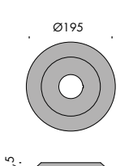
gobo in acciaio non incluso
steel gobos not included











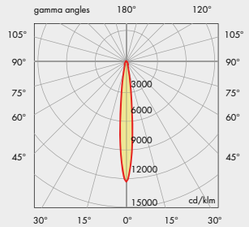
lensoptica amP150				☆ CE
Vb9.518.91	fascio stretto · narrow beam	13° les9 ● 22° les19 ●		0,3
Vb9.518.92	fascio largo · wide beam	51° les19 ●		0,3

lensoptica amP180				☆ CE
Vb9.518.81	fascio stretto · narrow beam	10° les9 ● 15° 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

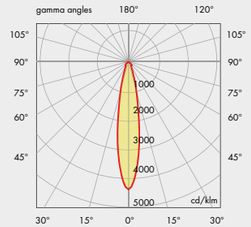
riflettore in metallo 150		☆ CE
Vb9.518.95.n	nero55	0,1
Vb9.518.95.mb	my bianco	0,1
Vb9.518.95.h	argento hacca	0,1

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

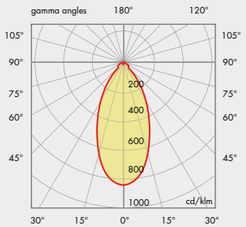
lensoptica amP150 13° les9 ●
fascio stretto · narrow beam



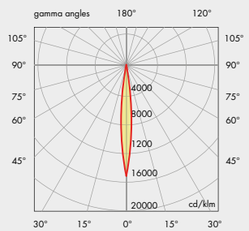
lensoptica amP150 22° les19 ●
fascio stretto · narrow beam



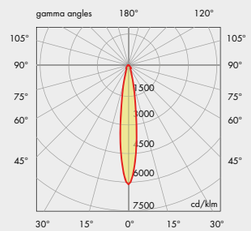
lensoptica amP150 51° les19 ●
fascio largo · wide beam



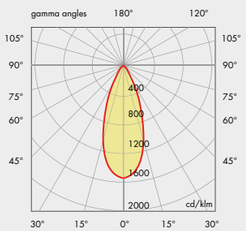
lensoptica amP180 10° les9 ●
fascio stretto · narrow beam



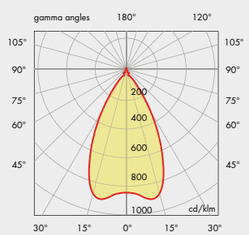
lensoptica amP180 15° les19 ●
fascio stretto · narrow beam



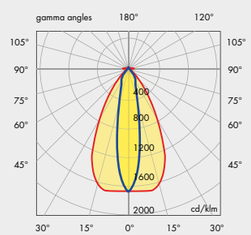
lensoptica amP180 41° les19 ●
fascio medio · medium beam



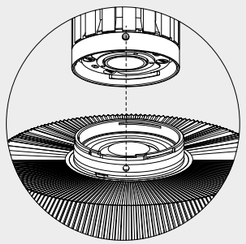
lensoptica amP180 53° les19 ●
fascio largo · wide beam

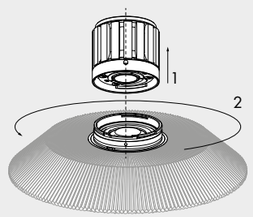


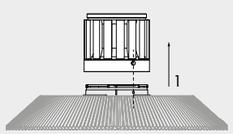
lensoptica amP180 20°x55° les19 ●
fascio ellittico · elliptical beam

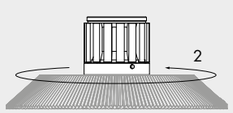


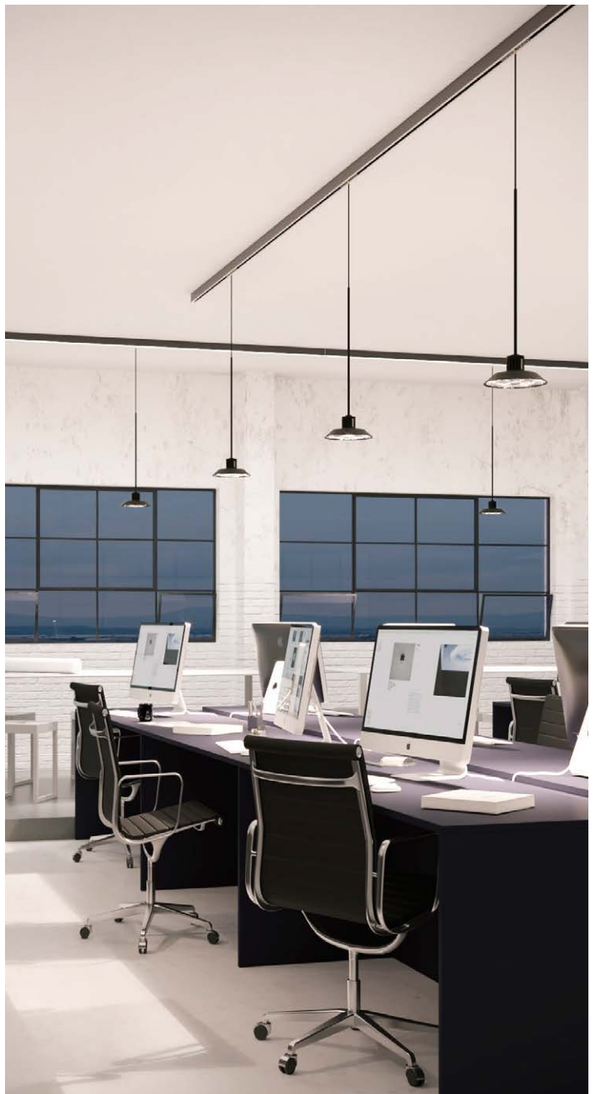
lensoptica amP
installazione · mounting











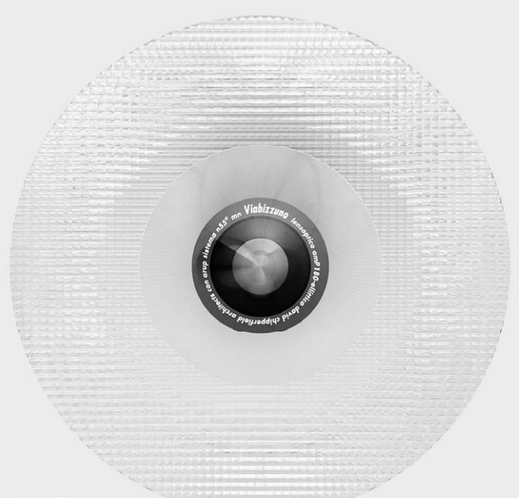
lensoptica amP150
fascio stretto · narrow beam

lensoptica amP180
fascio stretto · narrow beam

lensoptica amP180
fascio medio · medium beam

lensoptica amP150
fascio largo · wide beam

lensoptica amP180
fascio largo · wide beam

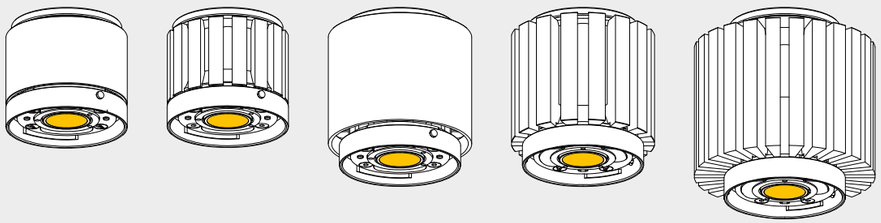


lensoptica amP180
fascio ellittico · elliptical beam

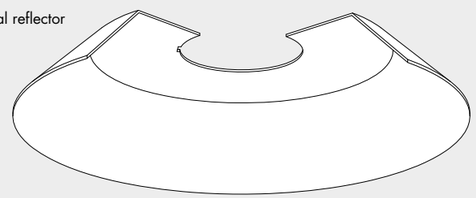
lensoptica amP è il risultato di una ricerca sviluppata da Viabizzuno su progetto david chipperfield architects con lo studio internazionale di ingegneria arup per fornire alle sorgenti luminose elettroniche un'ottica ad alta efficienza in grado di avere sia una luce concentrata che diffusa.
l'alta efficienza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

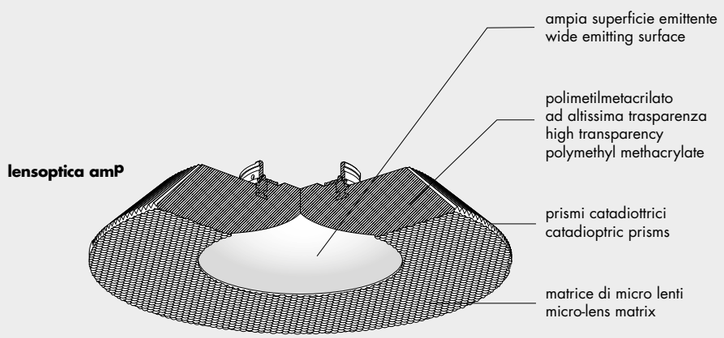
lensoptica amP is the result of a long research and development process made by Viabizzuno on a david chipperfield architects with arup, international engineering studio, design to provide electronic light sources with a high efficiency optics that can have either a focused and a diffuse light.
high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

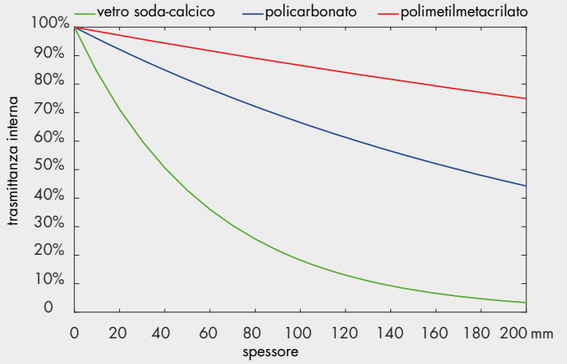
propulsore dinamico n55



riflettore in metallo · metal reflector

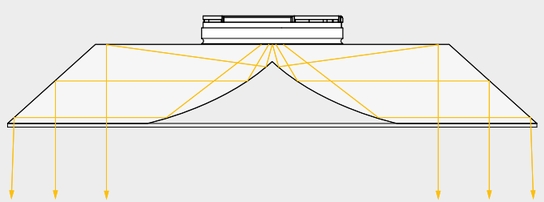




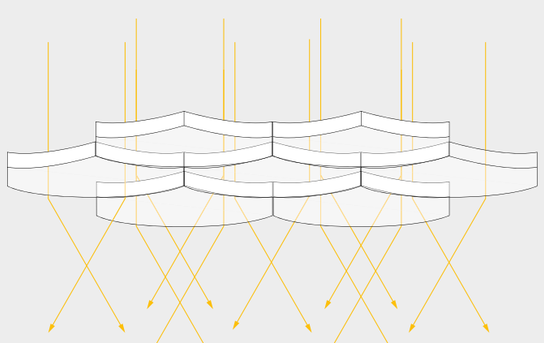


la trasmittanza interna (T) di un materiale trasparente è determinata dallo spessore (x) e dal coefficiente d'assorbimento del materiale stesso (α) secondo la legge di lambert-beer $T_{(x)} = e^{-\alpha x}$
the internal transmittance of a transparent material (T) is determined by the thickness (x) and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

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

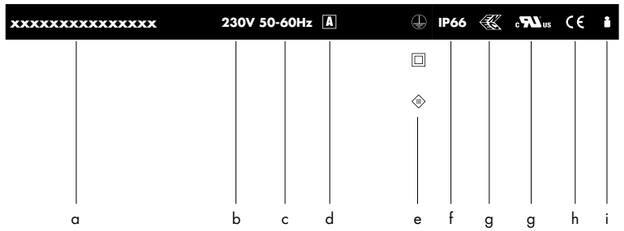


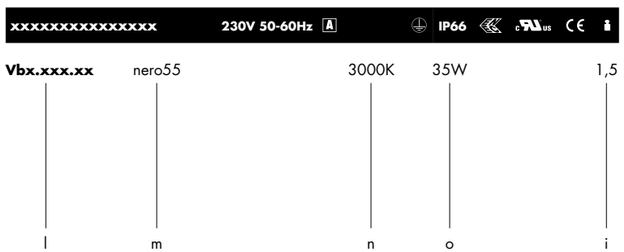
lensoptica amP è allo stesso tempo una lente e un riflettore, perché i raggi di luce subiscono rifrazione e riflessione totale interna. per questa caratteristica tecnica riesce a coniugare alta efficienza e accurato controllo direzionale della luce.
lensoptica amP is both a lens and a reflector at the 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.

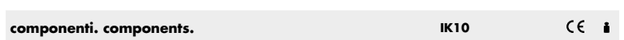


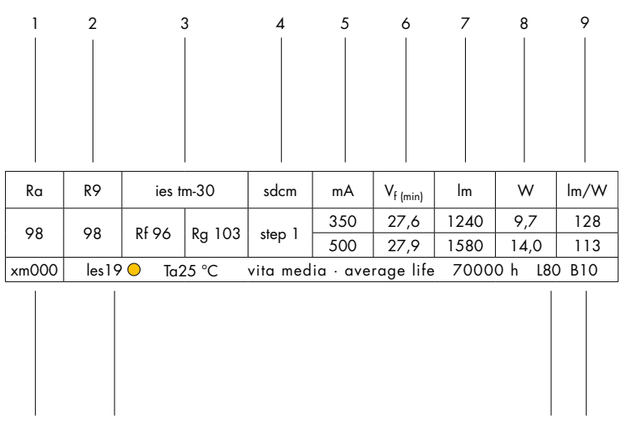
la superficie emittente di **lensoptica amP** è dotata di una matrice di microlenti.
ogni microlente riceve un fascio collimato e in funzione della curvatura ne allarga l'apertura angolare in modo controllato.
la sovrapposizione dei contributi delle singole microlenti produce una distribuzione d'illuminamento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

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)