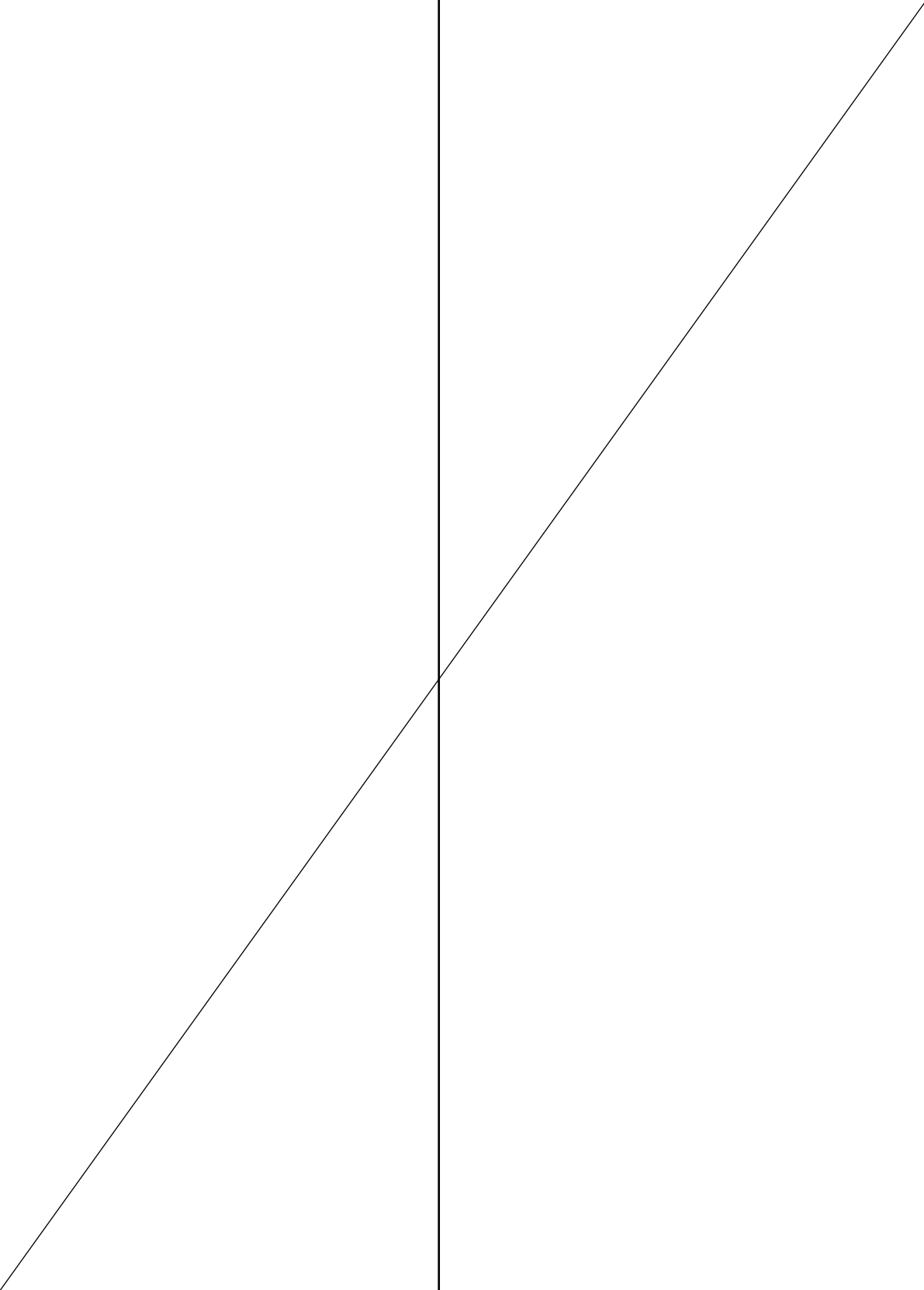




Viabizzuno strada principale della frazione di bizzuno in provincia di ravenna dove tra la casa del popolo e la parrocchia, al n°17, sono nato il ventuno luglio millenovecentocinquantacinque. da qui nasce il nome della fabbrica di produzione fondata nel millenovecentonovantaquattro rappresentata da uno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

marionanni

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

prodotto
product



schede tecniche
technical data sheet



curve fotometriche
photometric curves



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





brevettato · patented



**apparecchio di illuminazione a binario per interni IP20, realizzato in alluminio ossidato.
modelli:**

**n55 binario orientabile 52x198mm con tige h.30mm,
n55 binario orientabile 52x198mm con tige h.100mm,
n55 binario sospensione 52x198mm con cavo 1330mm,
da abbinare ai seguenti propulsori dinamici n55:**

**55/350e les19 9,7W 350mA 1240lm,
55/350 les19 9,7W 350mA 1240lm,
55/500 les19 14W 500mA 1580lm,
55/500 les9 13,6W 500mA 800lm,
65/500e les19 14W 500mA 1580lm,
65/700 les19 19,9W 700mA 2140lm,
65/700 les9 19,5W 700mA 1110lm,
82/1050 les19 30,5W 1050mA 3000lm.**

**tutti i propulsori sono Ra98 1 step macadam con sorgente elettronica 2700K, 3000K o 3000Vb K
(progettato per il settore alta moda).**

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

**adattatore a binario disponibile con alimentatore 120-240V, dimmerabile con potenziometro
integrato, a controllo intelligente che regola automaticamente la corrente al tipo di propulsore oppure
con alimentatore dali 240V compatibile solo con binario dali trifase VbB.**

**finiture: argento hacca con adattatore a binario nero; nero55 con adattatore a binario nero;
my bianco con adattatore a binario bianco.**

**lampadine classiche e decorative con vetro trasparente, sabbiato e bianco latte.
personalizza la tua luce vai su www.Viabizzuno.com**

**IP20 rated track light fitting for interior use, made of oxidised aluminium.
versions:**

**n55 binario adjustable version, 52x198mm with h.30mm rod,
n55 binario adjustable version, 52x198mm with h.100mm rod,
n55 binario suspended version 52x198mm with 1330mm cable,
which can be paired with the following propulsori dinamici n55:**

**55/350e les19 9.7W 350mA 1240lm,
55/350 les19 9.7W 350mA 1240lm,
55/500 les19 14W 500mA 1580lm,
55/500 les9 13.6W 500mA 800lm,
65/500e les19 14W 500mA 1580lm,
65/700 les19 19.9W 700mA 2140lm,
65/700 les9 19.5W 700mA 1110lm,
82/1050 les19 30.5W 1050mA 3000lm.**

**all propellers are Ra98 1 step macadam with 2700K, 3000K or 3000Vb K (designed for high fashion
industry) led source.**

**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.**

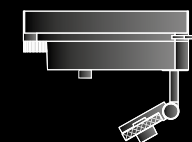
**track adapter available with 120-240V power supply, dimmable by means of an integrated
potentiometer with smart control which automatically provides the suitable current according to the
type of propeller or with 240V dali power supply compatible only with binario dali trifase VbB.**

**finishes: argento hacca with white or black track adapter; nero55 with black track adapter;
my bianco with white track adapter.**

**classic and decorative bulbs with transparent, sanded and milk white glass.
customize your light visit www.Viabizzuno.com**



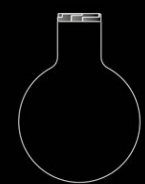
personalizza la tua luce
vai su Viabizzuno.com



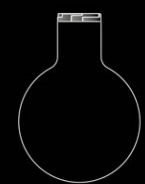
+



+



lampadine classiche
classic bulbs



lampadine decorative
decorative bulbs



lampadine tecniche
technical bulbs

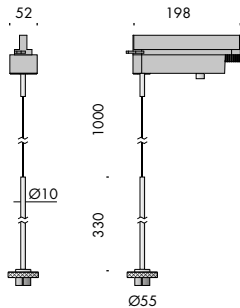
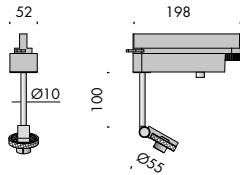
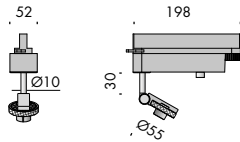
customize your light visit [Viabizzuno.com](https://viabizzuno.com)

1. scegli l'interfaccia
choose the interface

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

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

n55 binario	propulsore dinamico n55		lampadina classica classic bulb	lampadina decorativa decorative bulb				lampadina tecnica technical bulb					
n55 binario orientabile alimentatore integrato integrated power supply	les19 350mA 1240 lm 9,7W 128 lm/W	les19 350mA 1240 lm 9,7W 128 lm/W		mn01	mn02	dc01	dc02	dc04	tc01				
		les19 500mA 1580 lm 14W 113 lm/W	les19 500mA 1580 lm 14W 113 lm/W										
n55 binario sospensione alimentatore integrato integrated power supply	les19 500mA 1580 lm 14W 113 lm/W	les9 500mA 800 lm 13,6W 59 lm/W	hm01	pz01	pz02	pz03	ddp01	mk01					
		les19 500mA 2140 lm 19,9W 108 lm/W	les9 700mA 1110 lm 19,5W 57 lm/W	hm02	gt01	kk01	ml01	oma03	oma02	rdai01			
		les19 1050mA 3000lm 30,5W 98 lm/W			wm01	ajp01		nh01					
										les19 87°	les19 30° 38°	les19 36° 47°	
										les9 18° 23° 36°			
											les19 31° 42°		les19 23° 37° 46°
											les9 13° 19° 23° 35°		
												les19 16° 25° 40° 54°	
												les9 10° 22°	
												les19 22° 51°	
												les9 13°	
													les19 15° 41° 53° 20°x55°
													les9 10°

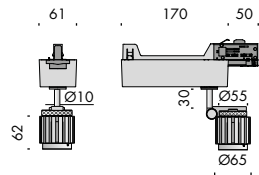


n55 binario orientabile		120-240V 50-60Hz	Ai	IP20	CE	i
Vb7.580.82	argento hacca	adattatore nero	black adapter		0,5	
Vb7.580.83	nero55	adattatore nero	black adapter		0,5	
Vb7.580.84	my bianco	adattatore bianco	white adapter		0,5	

n55 binario orientabile 100		120-240V 50-60Hz	Ai	IP20	CE	i
Vb7.580.02	argento hacca	adattatore nero	black adapter		0,5	
Vb7.580.03	nero55	adattatore nero	black adapter		0,5	
Vb7.580.04	my bianco	adattatore bianco	white adapter		0,5	

n55 binario sospensione		120-240V 50-60Hz	Ai	IP20	CE	i
Vb7.580.112	argento hacca	adattatore nero	black adapter		0,5	
Vb7.580.113	nero55	adattatore nero	black adapter		0,5	
Vb7.580.114	my bianco	adattatore bianco	white adapter		0,5	





n55 binario orientabile		240V 50-60Hz	A	ff	IP20	Pr	CE	i
Vb7.580.22.27	argento hacca	adattatore nero	2700K	les19	0,8			
Vb7.580.23.27	nero55	adattatore nero	2700K	les19	0,8			
Vb7.580.24.27	my bianco	adattatore bianco	2700K	les19	0,8			

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

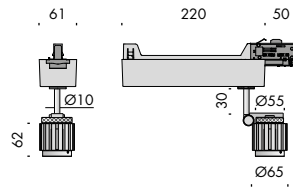
Vb7.580.22.30	argento hacca	adattatore nero	3000K	les19	0,8			
Vb7.580.23.30	nero55	adattatore nero	3000K	les19	0,8			
Vb7.580.24.30	my bianco	adattatore bianco	3000K	les19	0,8			

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

Vb7.580.22.30v	argento hacca	adattatore nero	3000VbK	les19	0,8			
Vb7.580.23.30v	nero55	adattatore nero	3000VbK	les19	0,8			
Vb7.580.24.30v	my bianco	adattatore bianco	3000VbK	les19	0,8			

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





n55 binario orientabile dali 240V 50-60Hz

Vb7.580.22.27.d2	argento hacca	adattatore nero black adapter	2700K	les19 	0,8
Vb7.580.23.27.d2	nero55	adattatore nero black adapter	2700K	les19 	0,8
Vb7.580.24.27.d2	my bianco	adattatore bianco white adapter	2700K	les19 	0,8

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

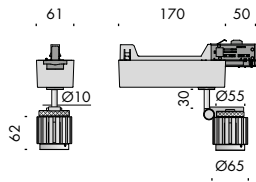
Vb7.580.22.30.d2	argento hacca	adattatore nero black adapter	3000K	les19 	0,8
Vb7.580.23.30.d2	nero55	adattatore nero black adapter	3000K	les19 	0,8
Vb7.580.24.30.d2	my bianco	adattatore bianco white adapter	3000K	les19 	0,8

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

Vb7.580.22.30v.d2	argento hacca	adattatore nero black adapter	3000VbK	les19 	0,8
Vb7.580.23.30v.d2	nero55	adattatore nero black adapter	3000VbK	les19 	0,8
Vb7.580.24.30v.d2	my bianco	adattatore bianco white adapter	3000VbK	les19 	0,8

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





n55 binario orientabile		240V 50-60Hz	A	ff	IP20	Pr	CE	i
Vb7.580.32.27	argento hacca	adattatore nero	2700K	les9	0,8			
		black adapter						
Vb7.580.33.27	nero55	adattatore nero	2700K	les9	0,8			
		black adapter						
Vb7.580.34.27	my bianco	adattatore bianco	2700K	les9	0,8			
		white adapter						

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

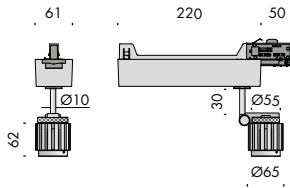
Vb7.580.32.30	argento hacca	adattatore nero	3000K	les9	0,8			
		black adapter						
Vb7.580.33.30	nero55	adattatore nero	3000K	les9	0,8			
		black adapter						
Vb7.580.34.30	my bianco	adattatore bianco	3000K	les9	0,8			
		white adapter						

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

Vb7.580.32.30v	argento hacca	adattatore nero	3000VbK	les9	0,8			
		black adapter						
Vb7.580.33.30v	nero55	adattatore nero	3000VbK	les9	0,8			
		black adapter						
Vb7.580.34.30v	my bianco	adattatore bianco	3000VbK	les9	0,8			
		white adapter						

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





n55 binario orientabile dali						240V 50-60Hz	A	ff	IP20	Pr	△	CE	i
Vb7.580.32.27.d2	argento hacca	adattatore nero	2700K	les9	0,8	black adapter							
Vb7.580.33.27.d2	nero55	adattatore nero	2700K	les9	0,8	black adapter							
Vb7.580.34.27.d2	my bianco	adattatore bianco	2700K	les9	0,8	white adapter							

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

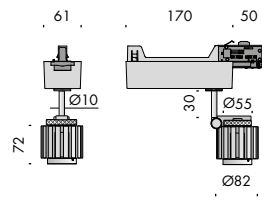
Vb7.580.32.30.d2	argento hacca	adattatore nero	3000K	les9	0,8	black adapter							
Vb7.580.33.30.d2	nero55	adattatore nero	3000K	les9	0,8	black adapter							
Vb7.580.34.30.d2	my bianco	adattatore bianco	3000K	les9	0,8	white adapter							

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

Vb7.580.32.30v.d2	argento hacca	adattatore nero	3000Vb K	les9	0,8	black adapter							
Vb7.580.33.30v.d2	nero55	adattatore nero	3000Vb K	les9	0,8	black adapter							
Vb7.580.34.30v.d2	my bianco	adattatore bianco	3000Vb K	les9	0,8	white adapter							

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





n55 binario orientabile		240V 50-60Hz	A	ff	IP20	Pr	CE	i
Vb7.580.42.27	argento hacca	adattatore nero black adapter	2700K	les19	0,8			
Vb7.580.43.27	nero55	adattatore nero black adapter	2700K	les19	0,8			
Vb7.580.44.27	my bianco	adattatore bianco white adapter	2700K	les19	0,8			

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

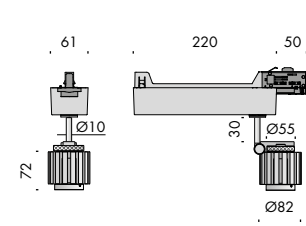
Vb7.580.42.30	argento hacca	adattatore nero black adapter	3000K	les19	0,8			
Vb7.580.43.30	nero55	adattatore nero black adapter	3000K	les19	0,8			
Vb7.580.44.30	my bianco	adattatore bianco white adapter	3000K	les19	0,8			

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

Vb7.580.42.30v	argento hacca	adattatore nero black adapter	3000VbK	les19	0,8			
Vb7.580.43.30v	nero55	adattatore nero black adapter	3000VbK	les19	0,8			
Vb7.580.44.30v	my bianco	adattatore bianco white adapter	3000VbK	les19	0,8			

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





n55 binario orientabile dali		240V 50-60Hz	A	ff	IP20	Pr	△	CE	i
Vb7.580.42.27.d2	argento hacca	adattatore nero black adapter	2700K	les19	0,8				
Vb7.580.43.27.d2	nero55	adattatore nero black adapter	2700K	les19	0,8				
Vb7.580.44.27.d2	my bianco	adattatore bianco white adapter	2700K	les19	0,8				

Ra	R9	ies tm-30		sdc	ma	Vf (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	

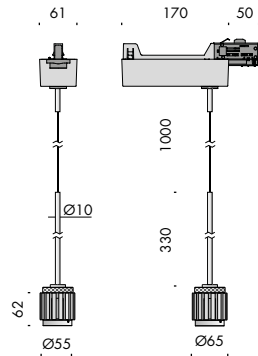
Vb7.580.42.30.d2	argento hacca	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.43.30.d2	nero55	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.44.30.d2	my bianco	adattatore bianco white adapter	3000K	les19	0,8				

Ra	R9	ies tm-30		sdc	ma	Vf (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	

Vb7.580.42.30v.d2	argento hacca	adattatore nero black adapter	3000Vb K	les19	0,8				
Vb7.580.43.30v.d2	nero55	adattatore nero black adapter	3000Vb K	les19	0,8				
Vb7.580.44.30v.d2	my bianco	adattatore bianco white adapter	3000Vb K	les19	0,8				

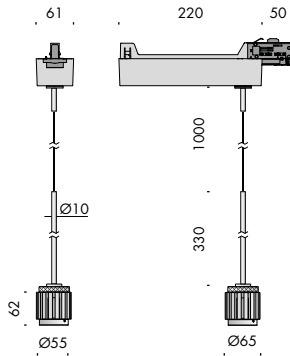
Ra	R9	ies tm-30		sdc	ma	Vf (min)	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	700	28,4	2140	19,9	108
xm007	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	





n55 binario sospensione		240V 50-60Hz		A	ff	IP20	PF	CE	i
Vb7.580.152.27	argento hacca	adattatore nero black adapter	2700K	les19	0,8				
Vb7.580.153.27	nero55	adattatore nero black adapter	2700K	les19	0,8				
Vb7.580.154.27	my bianco	adattatore bianco white adapter	2700K	les19	0,8				

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



n55 binario sospensione dali		240V 50-60Hz		A	ff	IP20	PF	CE	i
Vb7.580.152.27d2	argento hacca	adattatore nero black adapter	2700K	les19	0,8				
Vb7.580.153.27d2	nero55	adattatore nero black adapter	2700K	les19	0,8				
Vb7.580.154.27d2	my bianco	adattatore bianco white adapter	2700K	les19	0,8				

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

Vb7.580.152.30	argento hacca	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.153.30	nero55	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.154.30	my bianco	adattatore bianco white adapter	3000K	les19	0,8				

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

Vb7.580.152.30v	argento hacca	adattatore nero black adapter	3000VbK	les19	0,8				
Vb7.580.153.30v	nero55	adattatore nero black adapter	3000VbK	les19	0,8				
Vb7.580.154.30v	my bianco	adattatore bianco white adapter	3000VbK	les19	0,8				

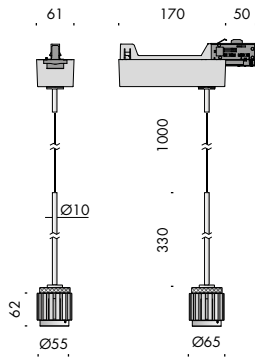
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	700	28,4	2140	19,9	108
xm007	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb7.580.152.30d2	argento hacca	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.153.30d2	nero55	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.154.30d2	my bianco	adattatore bianco white adapter	3000K	les19	0,8				

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

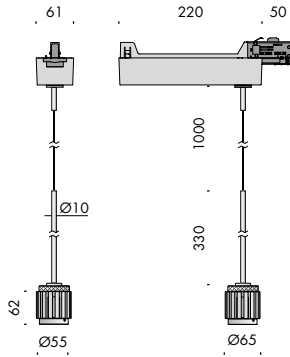
Vb7.580.152.30Vd2	argento hacca	adattatore nero black adapter	3000VbK	les19	0,8				
Vb7.580.153.30Vd2	nero55	adattatore nero black adapter	3000VbK	les19	0,8				
Vb7.580.154.30Vd2	my bianco	adattatore bianco white adapter	3000VbK	les19	0,8				

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



n55 binario sospensione		240V 50-60Hz	A	ff	IP20	Pr	△	CE	i
Vb7.580.162.27	argento hacca	adattatore nero black adapter	2700K	les9	0,8				
Vb7.580.163.27	nero55	adattatore nero black adapter	2700K	les9	0,8				
Vb7.580.164.27	my bianco	adattatore bianco white adapter	2700K	les9	0,8				

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



n55 binario sospensione dali		240V 50-60Hz	A	ff	IP20	Pr	△	CE	i
Vb7.580.162.27d2	argento hacca	adattatore nero black adapter	2700K	les9	0,8				
Vb7.580.163.27d2	nero55	adattatore nero black adapter	2700K	les9	0,8				
Vb7.580.164.27d2	my bianco	adattatore bianco white adapter	2700K	les9	0,8				

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

Vb7.580.162.30	argento hacca	adattatore nero black adapter	3000K	les9	0,8				
Vb7.580.163.30	nero55	adattatore nero black adapter	3000K	les9	0,8				
Vb7.580.164.30	my bianco	adattatore bianco white adapter	3000K	les9	0,8				

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

Vb7.580.162.30v	argento hacca	adattatore nero black adapter	3000VbK	les9	0,8				
Vb7.580.163.30v	nero55	adattatore nero black adapter	3000VbK	les9	0,8				
Vb7.580.164.30v	my bianco	adattatore bianco white adapter	3000VbK	les9	0,8				

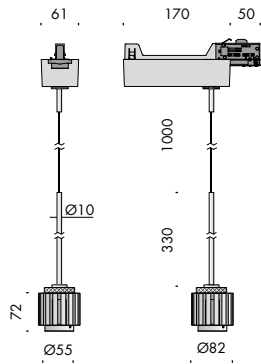
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	700	27,9	1110	19,5	57
xe007	les9	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb7.580.162.30d2	argento hacca	adattatore nero black adapter	3000K	les9	0,8				
Vb7.580.163.30d2	nero55	adattatore nero black adapter	3000K	les9	0,8				
Vb7.580.164.30d2	my bianco	adattatore bianco white adapter	3000K	les9	0,8				

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

Vb7.580.162.30vd2	argento hacca	adattatore nero black adapter	3000VbK	les9	0,8				
Vb7.580.163.30vd2	nero55	adattatore nero black adapter	3000VbK	les9	0,8				
Vb7.580.164.30vd2	my bianco	adattatore nero black adapter	3000VbK	les9	0,8				

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



n55 binario sospensione		240V 50-60Hz							
Vb7.580.172.27	argento hacca	adattatore nero black adapter	2700K	les19 	0,8				
Vb7.580.173.27	nero55	adattatore nero black adapter	2700K	les19 	0,8				
Vb7.580.174.27	my bianco	adattatore bianco white adapter	2700K	les19 	0,8				

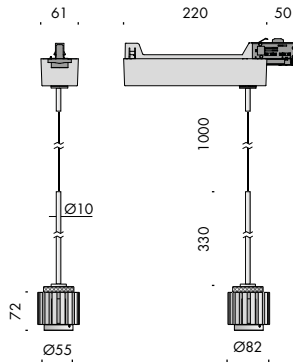
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98
xm000	les19 	Ta25 °C		vita media · average life			70000 h	L80 B10	

Vb7.580.172.30	argento hacca	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.173.30	nero55	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.174.30	my bianco	adattatore bianco white adapter	3000K	les19	0,8				

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

Vb7.580.172.30v	argento hacca	adattatore nero black adapter	3000VbK	les19	0,8				
Vb7.580.173.30v	nero55	adattatore nero black adapter	3000VbK	les19	0,8				
Vb7.580.174.30v	my bianco	adattatore bianco white adapter	3000VbK	les19	0,8				

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



n55 binario sospensione dali		240V 50-60Hz								
Vb7.580.172.27d2	argento hacca	adattatore nero black adapter		2700K	les19		0,8			
Vb7.580.173.27d2	nero55	adattatore nero black adapter		2700K	les19		0,8			
Vb7.580.174.27d2	my bianco	adattatore bianco white adapter		2700K	les19		0,8			

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

Vb7.580.172.30d2	argento hacca	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.173.30d2	nero55	adattatore nero black adapter	3000K	les19	0,8				
Vb7.580.174.30d2	my bianco	adattatore bianco white adapter	3000K	les19	0,8				

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

Vb7.580.172.30vd2	argento hacca	adattatore nero black adapter	3000VbK	les19	0,8				
Vb7.580.173.30vd2	nero55	adattatore nero black adapter	3000VbK	les19	0,8				
Vb7.580.174.30vd2	my bianco	adattatore bianco white adapter	3000VbK	les19	0,8				

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



propulsore dinamico 55/350e										
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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.150.30	argento hacca	3000K	les19		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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm001	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.150.30v	argento hacca	3000VbK	les19		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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	350	27,6	1240	9,7	128
xm007	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	



propulsore dinamico 55/350										
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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.50.30	argento hacca	3000K	les19		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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm001	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.50.30v	argento hacca	3000VbK	les19		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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	350	27,6	1240	9,7	128
xm007	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	



propulsore dinamico 55/500			IP20		★	CE	
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		

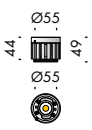
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.62.30	argento hacca	3000K	les19	●	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		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm001	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.62.30v	argento hacca	3000VbK	les19	●	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		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	500	27,9	1580	14,0	113
xm007	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	



Vb9.580.101.27	argento hacca	2700K	les9	●	0,2		
Vb9.580.102.27	nero55	2700K	les9	●	0,2		
Vb9.580.103.27	my bianco	2700K	les9	●	0,2		

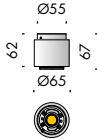
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59
xe000	les9 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.101.30	argento hacca	3000K	les9	●	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		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59
xe001	les9 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.101.30v	argento hacca	3000VbK	les9	●	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		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	500	27,1	800	13,6	59
xe007	les9 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	



propulsore dinamico 65/500e										
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					

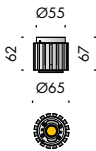
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.154.30	argento hacca	3000K	les19		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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm001	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.154.30v	argento hacca	3000VbK	les19		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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	500	27,9	1580	14,0	113
xm007	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	



propulsore dinamico 65/700										
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					

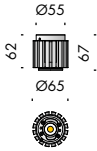
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.54.30	argento hacca	3000K	les19		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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108
xm001	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.54.30v	argento hacca	3000VbK	les19		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		sdc	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	700	28,4	2140	19,9	108
xm007	les19	Ta25 °C		vita media · average life		70000 h		L80 B10	



propulsore dinamico 65/700								
Vb9.580.106.27	argento hacca	2700K	les9	●	0,3			
Vb9.580.107.27	nero55	2700K	les9	●	0,3			
Vb9.580.108.27	my bianco	2700K	les9	●	0,3			

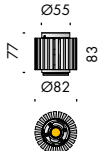
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	700	27,9	1110	19,5	57
xe007	les9 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

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		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	27,9	1110	19,5	57
xe001	les9 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.106.30v	argento hacca	3000VbK	les9	●	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		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	700	27,9	1110	19,5	57
xe007	les9 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	



propulsore dinamico 82/1050								
Vb9.580.58.27	argento hacca	2700K	les19	●	0,5			
Vb9.580.59.27	nero55	2700K	les19	●	0,5			
Vb9.580.60.27	my bianco	2700K	les19	●	0,5			

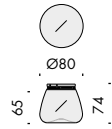
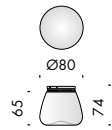
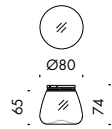
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.58.30	argento hacca	3000K	les19	●	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		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98
xm001	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.58.30v	argento hacca	3000VbK	les19	●	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		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 93	Rg 106	step 1	1050	29,0	3000	30,5	98
xm007	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

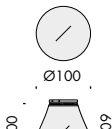
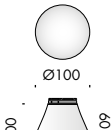
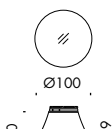


mario nanni

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

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

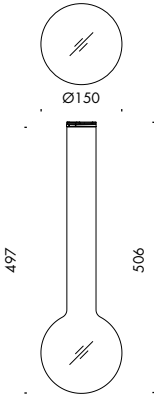
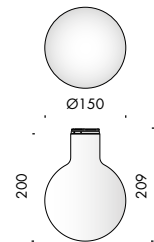
Vb9.580.01.b hm01 bianco latte · milk white 0,05



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

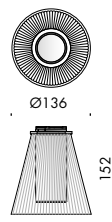
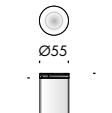
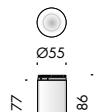
Vb9.580.02.s hm02 sabbiata · sanded 0,1

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



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

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



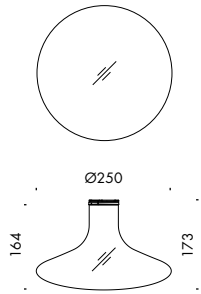
david chipperfield

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

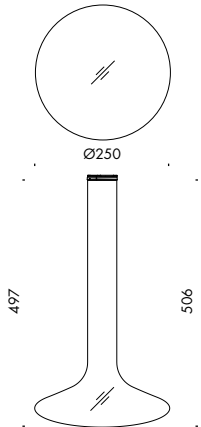
Vb9.580.06.s dc02 sabbiato · sanded 0,3

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

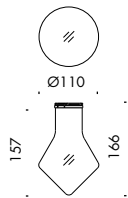




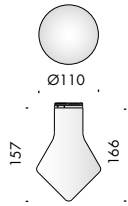
peter zumthor			★	CE	i
Vb9.580.08.t	pz01 trasparente · transparent	0,3			



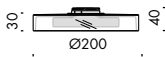
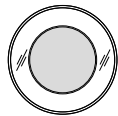
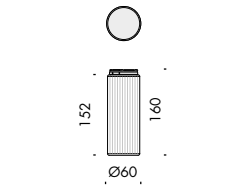
Vb9.580.10.t	pz02 trasparente · transparent	0,6			
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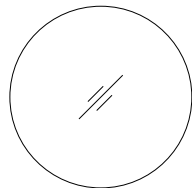
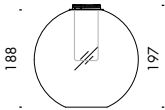
Vb9.580.11.t	pz03 trasparente · transparent	0,2			
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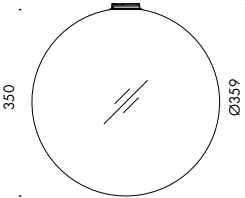
Vb9.580.11.s	pz03 sabbiato · sanded	0,2			
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Ø200



Ø350



al-jawad pike			★	CE	i
Vb9.580.18.tr	ajp01 trasparente, rigato · transparent, striped	0,2			

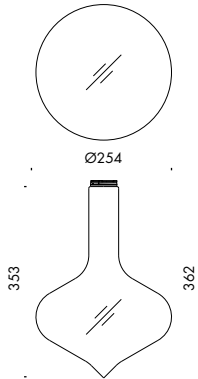
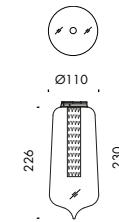
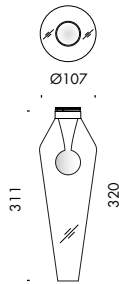
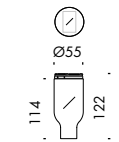


neri&hu			★	CE	i
Vb9.580.116.ts	nh01 trasparente, sabbiato · transparent, sanded	0,9			

oma			★	CE	i
Vb9.580.14.t	oma02 trasparente · transparent	0,4			

Vb9.580.15.t	oma03 trasparente · transparent	1,4			
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kengo kuma

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

tzach cohen

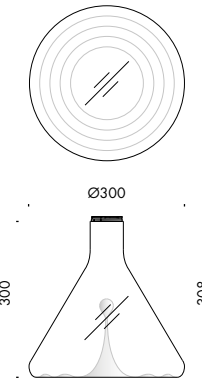
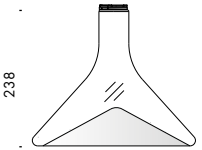
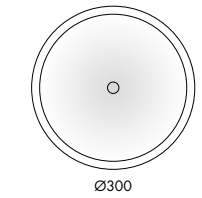
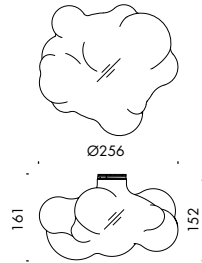
Vb9.580.180.ts tc01 trasparente, sabbiato · transparent, sanded 0,4

marcio kogan

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

rdai

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



winy maas

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

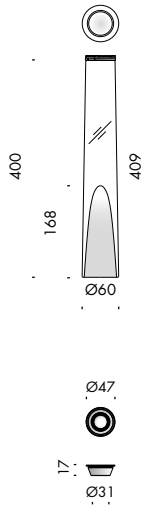
gio tiroto

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

max lam

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





domenico de palo ★ CE ⓘ

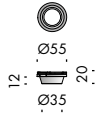
Vb9.580.114.t ddp01 trasparente,sabbiato · transparent, sanded 0,5

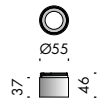
accessori per lampadina trasparente. transparent bulb accessories. ★ CE ⓘ

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

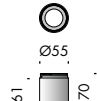
spot35 ★ CE ⓘ

- | | | | |
|---------------------|---------------|-------------|-----|
| 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 |





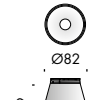
spot55x37			★	CE	i
Vb9.580.121	argento hacca	18° les9 ●			0,1
Vb9.580.122	nero55	18° les9 ●			0,1
Vb9.580.122.b	my bianco	18° les9 ●			0,1
Vb9.580.123	argento hacca	23° les9 ● 30° les19 ●			0,1
Vb9.580.124	nero55	23° les9 ● 30° les19 ●			0,1
Vb9.580.124.b	my bianco	23° les9 ● 30° les19 ●			0,1
Vb9.580.125	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



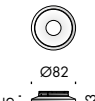
spot55x61			★	CE	i
Vb9.580.25	argento hacca	36° les19 ●			0,2
Vb9.580.26	nero55	36° les19 ●			0,2
Vb9.580.26.b	my bianco	36° les19 ●			0,2
Vb9.580.27	argento hacca	47° les19 ●			0,2
Vb9.580.28	nero55	47° les19 ●			0,2
Vb9.580.28.b	my bianco	47° les19 ●			0,2



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

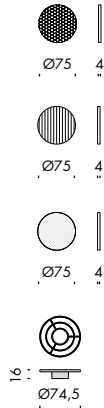
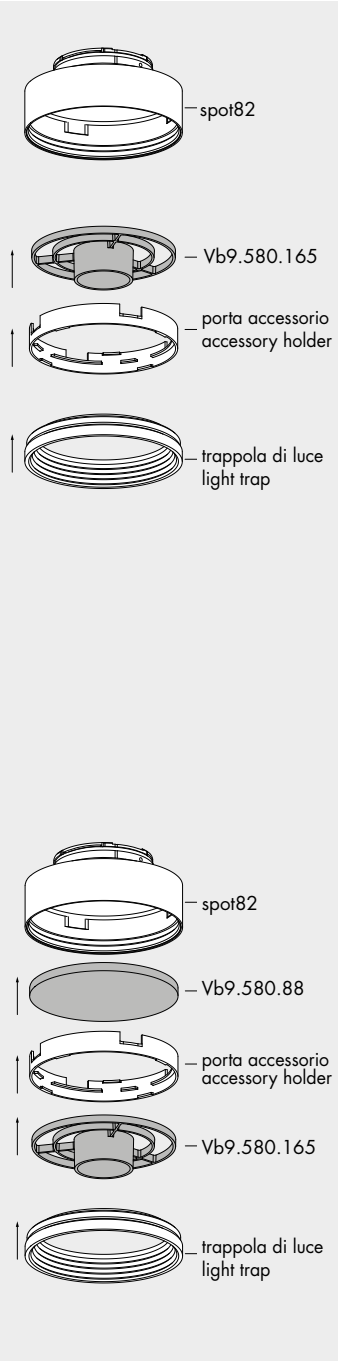


spot82x79			★	CE	i
Vb9.580.31	argento hacca	23° les19 ●			0,2
Vb9.580.32	nero55	23° les19 ●			0,2
Vb9.580.32.b	my bianco	23° les19 ●			0,2
Vb9.580.33	argento hacca	37° les19 ●			0,2
Vb9.580.34	nero55	37° les19 ●			0,2
Vb9.580.34.b	my bianco	37° les19 ●			0,2
Vb9.580.35	argento hacca	46° les19 ●			0,2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

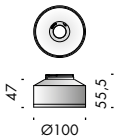


spot82x35			★	CE	i
Vb9.580.131	argento hacca	13° les9 ●			0,1
Vb9.580.132	nero55	13° les9 ●			0,1
Vb9.580.137	my bianco	13° les9 ●			0,1
Vb9.580.133	argento hacca	19° les9 ●			0,1
Vb9.580.134	nero55	19° les9 ●			0,1
Vb9.580.138	my bianco	19° les9 ●			0,1
Vb9.580.135	argento hacca	23° les9 ● 31° les19 ●			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

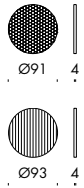




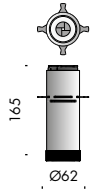
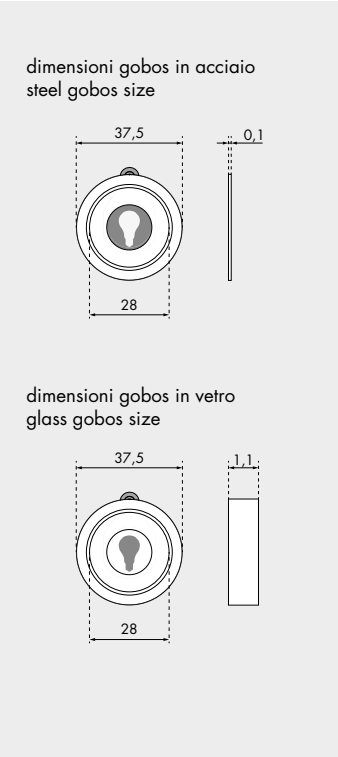
accessori spot82. accessories.			★	CE	i
Vb9.580.86	frangiluce nido d'ape · honeycomb louvre	0,01			
Vb9.580.87	lente ellittica · elliptical lens	0,05			
Vb9.580.88	vetro albarino · albarino glass	0,05			
Vb9.580.165	anti abbagliamento · anti-glare	0,03			



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



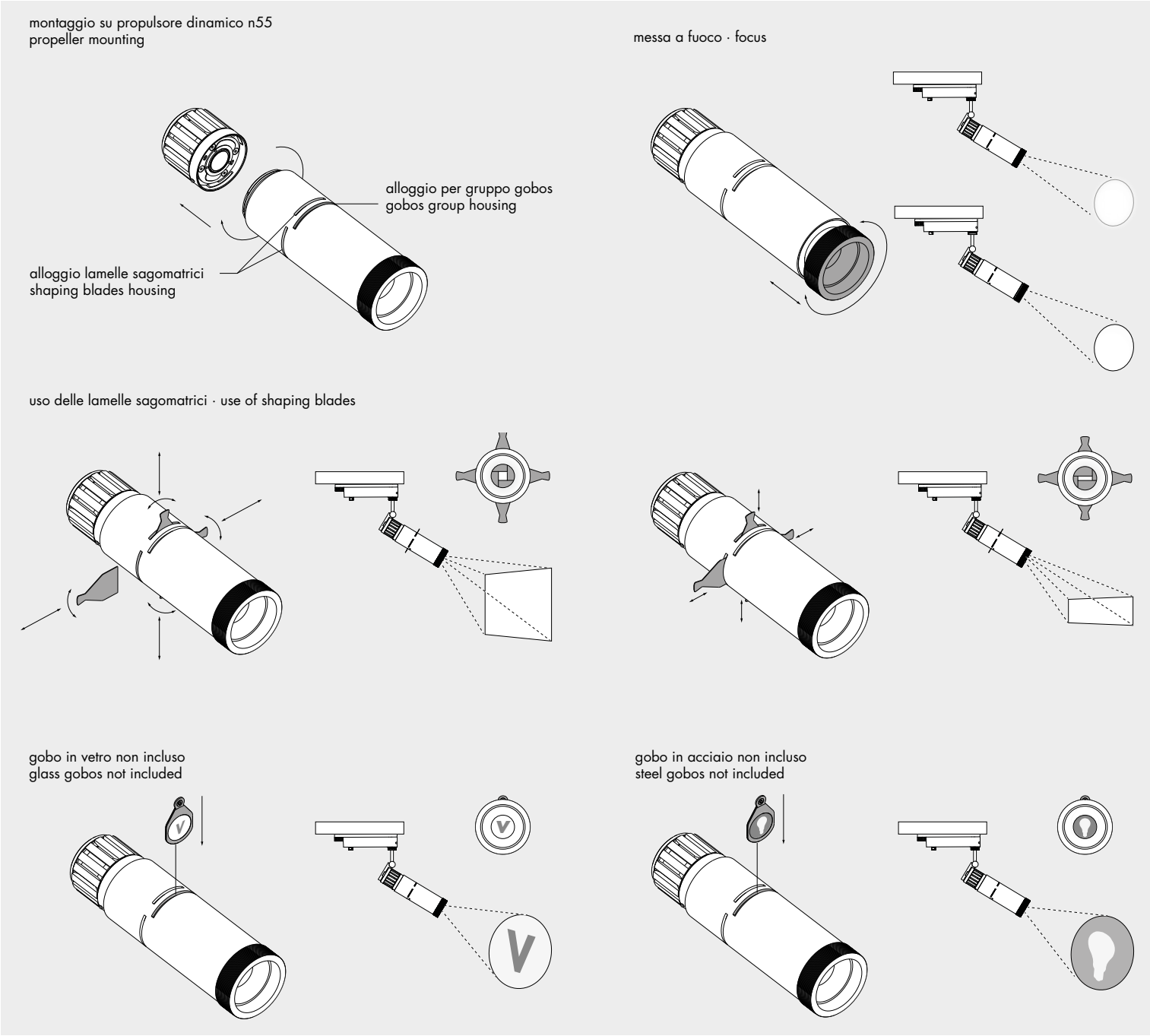
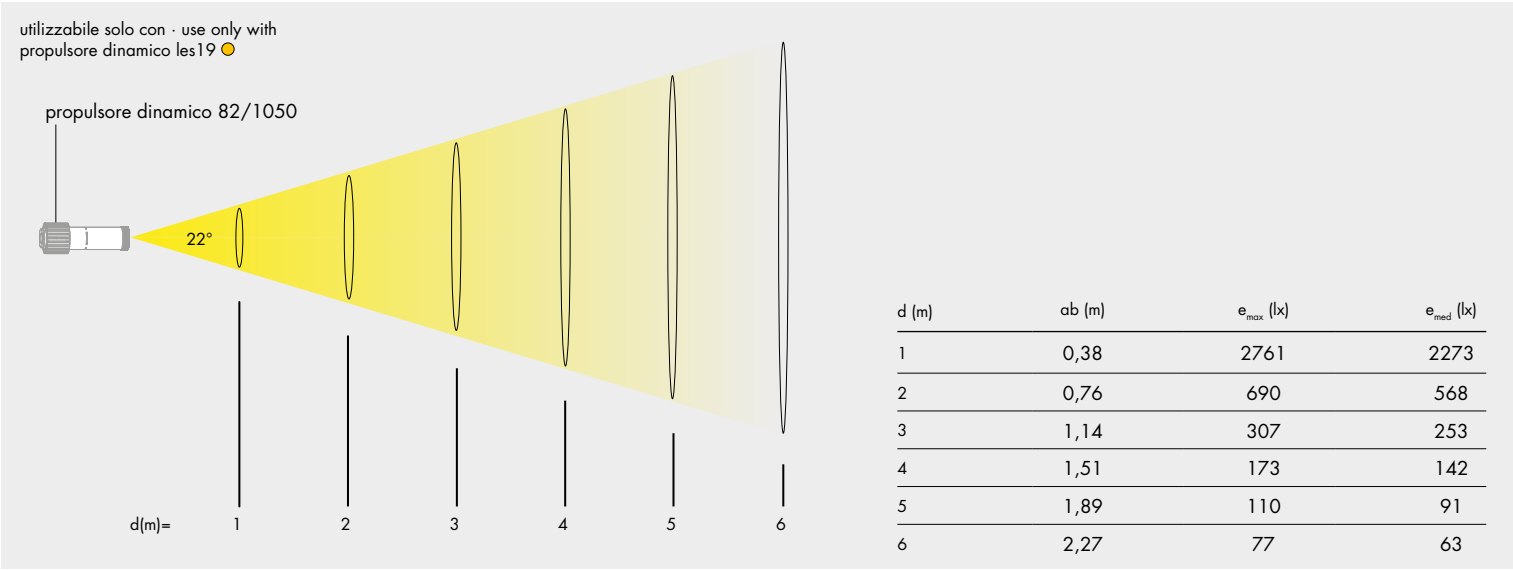
spot sagomatore

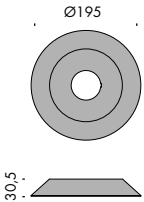
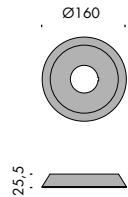
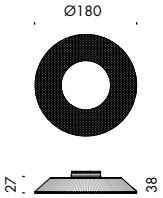
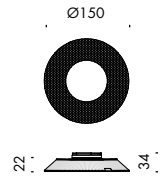
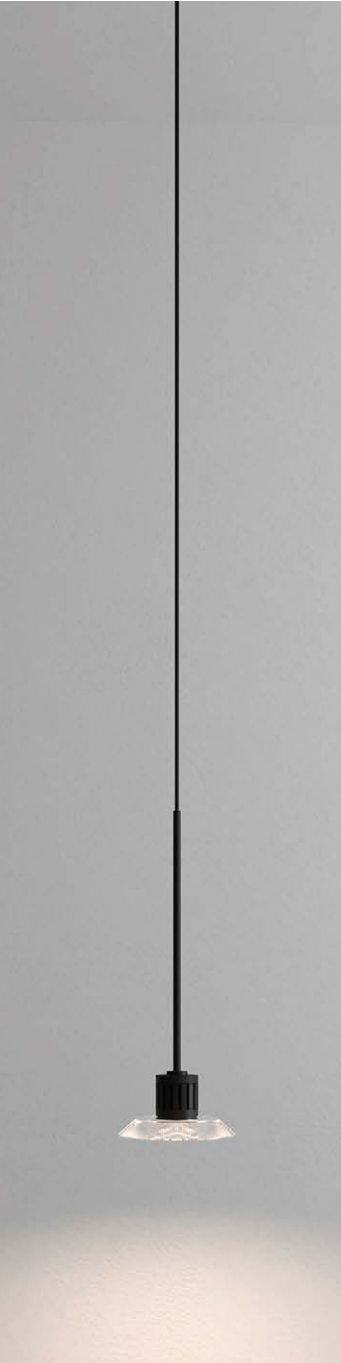
Vb9.580.120 sagomatore · profile spot les19 0,7

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





lensoptica amP150			★	CE	i
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Vb9.518.91	fascio stretto · narrow beam	13°	les9 ●	0,3
		22°	les19 ●	

Vb9.518.92	fascio largo · wide beam	51°	les19 ●	0,3
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lensoptica amP180			★	CE	i
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Vb9.518.81	fascio stretto · narrow beam	10°	les9 ●	0,6
		15°	les19 ●	

Vb9.518.82	fascio medio · medium beam	41°	les19 ●	0,6
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Vb9.518.83	fascio largo · wide beam	53°	les19 ●	0,6
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Vb9.518.84	fascio ellittico · elliptical beam	20°x55°	les19 ●	0,6
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riflettore in metallo 150			★	CE	i
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Vb9.518.95.n	nero55	0,1			
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Vb9.518.95.mb	my bianco	0,1			
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Vb9.518.95.h	argento hacca	0,1			
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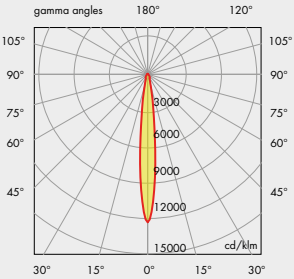
riflettore in metallo 180			★	CE	i
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Vb9.518.96.n	nero55	0,1			
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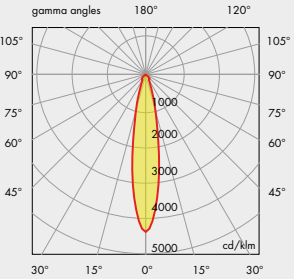
Vb9.518.96.mb	my bianco	0,1			
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Vb9.518.96.h	argento hacca	0,1			
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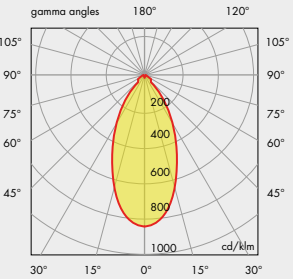
lensoptica amP150 13° les9 ●
fascio stretto · narrow beam



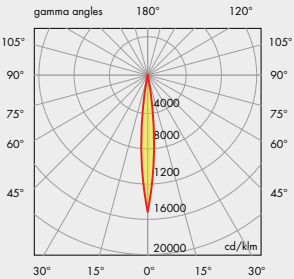
lensoptica amP150 22° les19 ●
fascio stretto · narrow beam



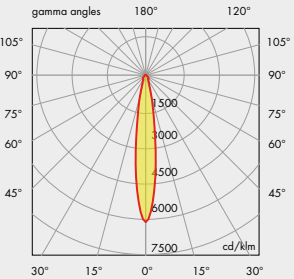
lensoptica amP150 51° les19 ●
fascio largo · wide beam



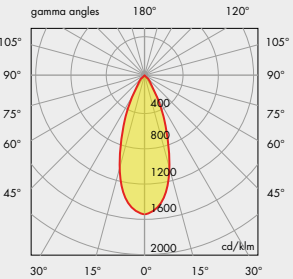
lensoptica amP180 10° les9 ●
fascio stretto · narrow beam



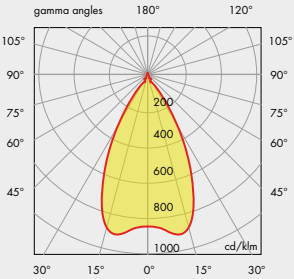
lensoptica amP180 15° les19 ●
fascio stretto · narrow beam



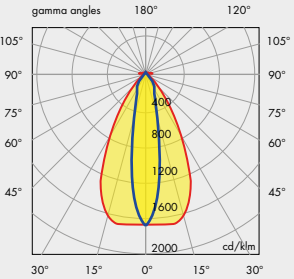
lensoptica amP180 41° les19 ●
fascio medio · medium beam



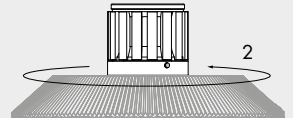
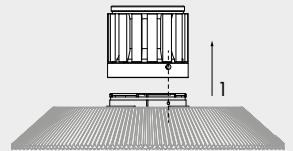
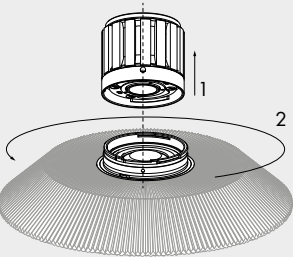
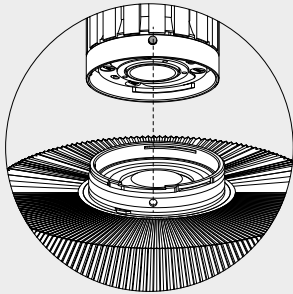
lensoptica amP180 53° les19 ●
fascio largo · wide beam



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

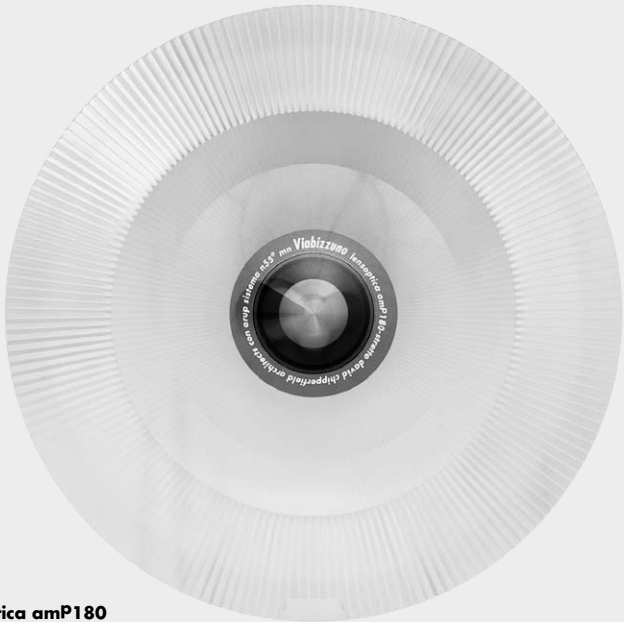


lensoptica amP
installazione · mounting





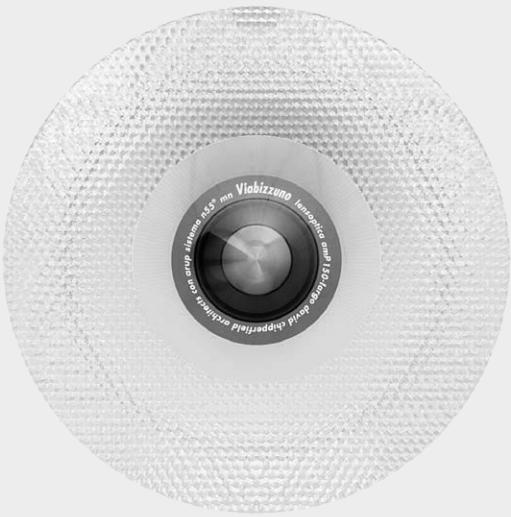
lensoptica amP150
fascio stretto · narrow beam



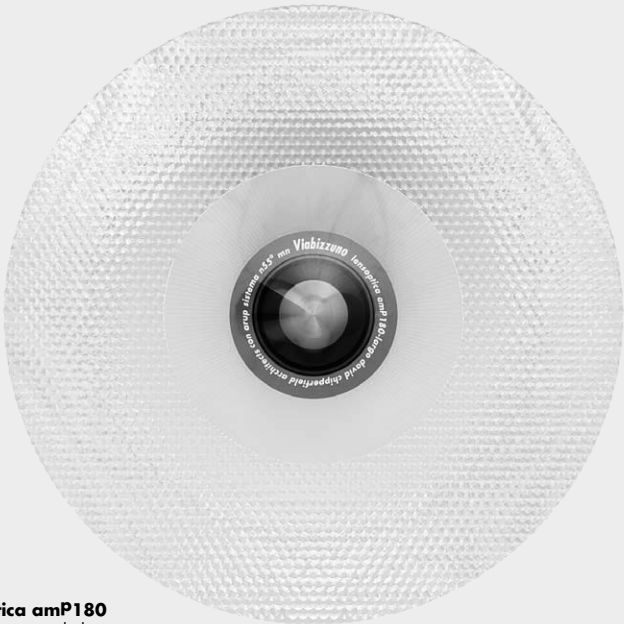
lensoptica amP180
fascio stretto · narrow beam



lensoptica amP180
fascio medio · medium beam



lensoptica amP150
fascio largo · wide beam



lensoptica amP180
fascio largo · wide beam

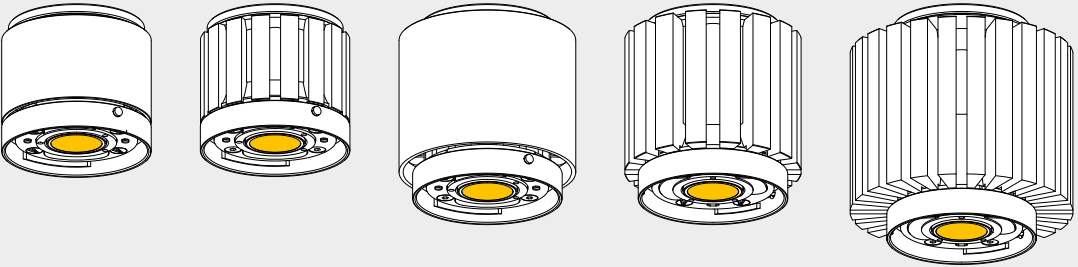


lensoptica amP180
fascio ellittico · elliptical beam

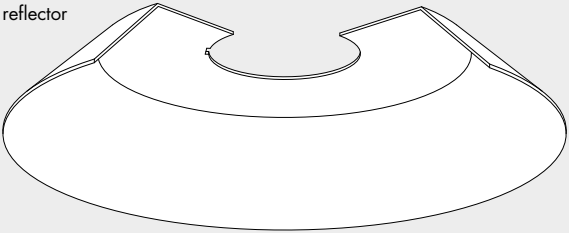
lensoptica amP è il risultato di una ricerca sviluppata da Viabizzuno su progetto david chipperfield architects con lo studio internazionale di ingegneria arup per fornire alle sorgenti luminose elettroniche un’ottica ad alta efficienza in grado di avere sia una luce concentrata che diffusa. l’alta efficienza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

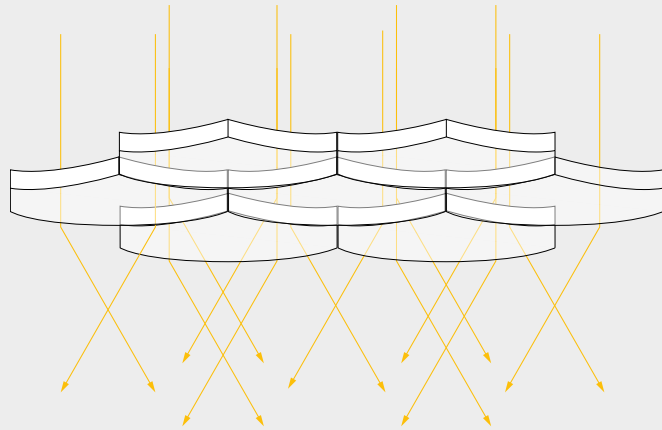
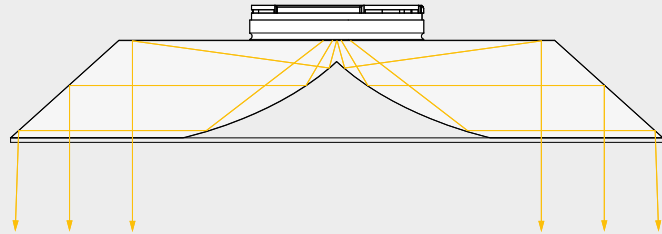
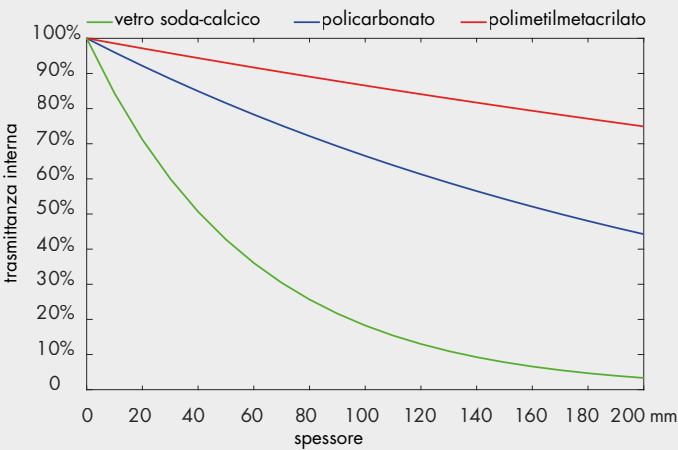
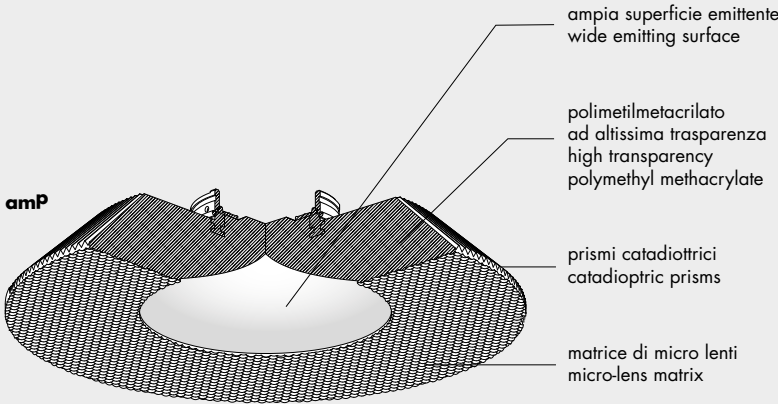
propulsore dinamico n55



riflettore in metallo · metal reflector



lensoptica amP



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 $T_x = e^{-\alpha x}$

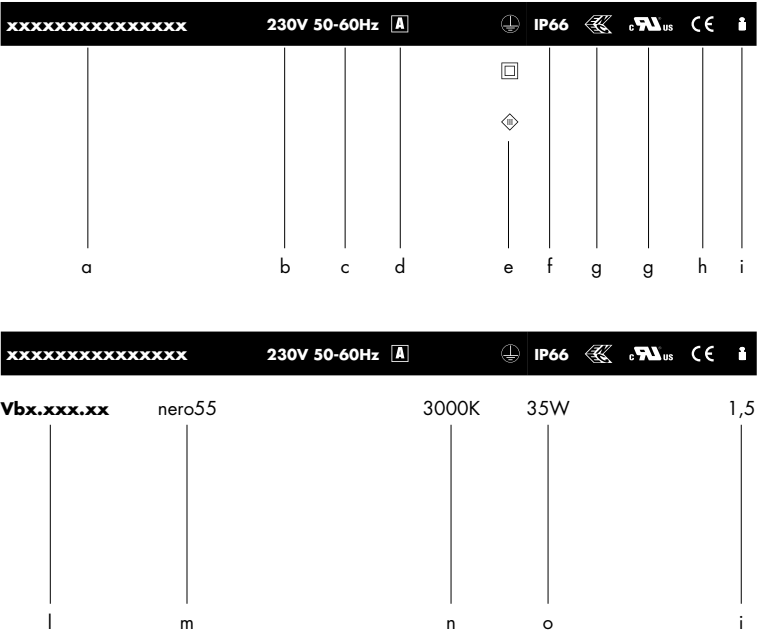
materiale	coefficiente d'assorbimento α
vetro soda calcico	0,017 mm ⁻¹
policarbonato	0,004 mm ⁻¹
polimetilmetacrilato	0,0014 mm ⁻¹

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.

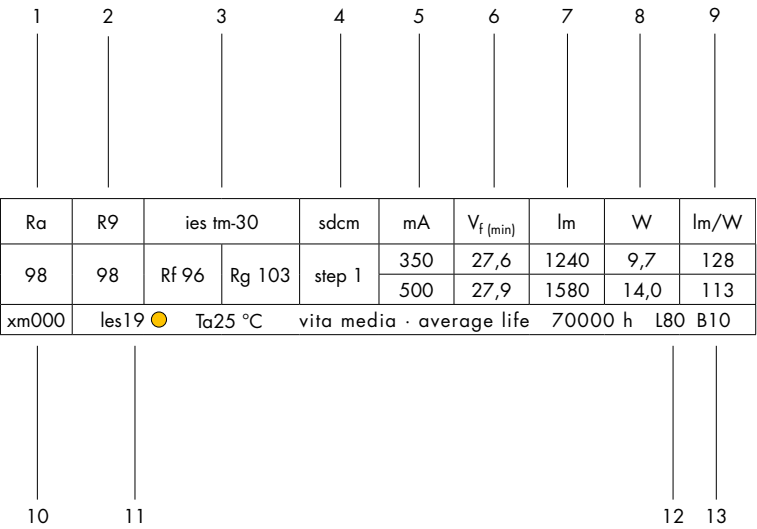


lettura delle tabelle tecniche how to read technical tables



componenti. components.	IK10	CE	
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accessori. accessories.	IK10	CE	
-------------------------	------	----	--



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

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

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

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

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

gradi di protezione protection degrees

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

legenda simboli symbols key

	<i>tavolo</i> · table
	<i>terra</i> · floor standing
	<i>soffitto</i> · ceiling
	<i>parete</i> · wall
	<i>sospensione</i> · suspension
	<i>binario</i> · track
	<i>incasso</i> · recessed
	<i>scomparsa totale</i> · fully concealed
	<i>segnaletica+emergenza</i> · signalling system+emergency
	<i>portatili autoalimentati a batteria</i> · portable self-powered with battery
	<i>sistemi</i> · systems
	<i>palo</i> · <i>pole</i>
	<i>paletto</i> · bollard
	<i>seduta</i> · sitting
	<i>disponibile su</i> · available on <i>Viabizzuno applight</i> <i>www.Viabizzuno.com</i> <i>Viabizzuno online</i>
	<i>classe I. solo isolamento fondamentale, le parti conduttrici accessibili sono collegate ad un conduttore di terra. messa a terra tassativa</i> class I. only basic insulation, accessible conductors are earthed. earthing compulsory
	<i>classe II. all'isolamento principale è aggiunto un secondo isolamento oppure ai due isolamenti è sostituito un isolamento rinforzato. messa a terra esclusa</i> class II. basic insulation plus second insulation or both are replaced by reinforced insulation. earthing excluded
	<i>classe III. alimentazione effettuata con bassissima tensione di sicurezza; sono escluse tensioni superiori a 50V-50Hz. messa a terra non prevista.</i> class III. very low safety supply tension; not to be used over 50V-50Hz. earthing excluded.
	<i>prodotto conforme alle direttive europee</i> · produced in compliance with ec directives
	<i>marchio di certificazione europea. certifica che il prodotto è conforme alle norme europee sulla sicurezza</i> component approved for north american market and suitable to be used and approved as part of a more complex system
	<i>componente certificato per il mercato nord americano idoneo ad essere utilizzato e valutato come parte di in un sistema più complesso</i> component approved for north american market and suitable to be used and approved as part of a more complex system
	<i>apparecchio di illuminazione approvato da kema</i> · kema approved light fitting
	<i>prodotto conforme agli standard presenti nel regno unito che regolamentano la sicurezza e la qualità dell'acqua</i> · product complies with uk standards set out by water regulations
	<i>apparecchio di illuminazione certificato secondo le normative vigenti in polonia che regolamentano i dispositivi di sicurezza antincendio</i> certified light fitting according to the regulations about devices for fire safety in force in poland
	<i>prodotto idoneo per essere commercializzato nel mercato cinese</i> · product suitable for the china market
	<i>prodotto finito idoneo per essere commercializzato nel mercato nord americano</i> · listed product suitable for the north american market
	<i>apparecchio di illuminazione certificato per il mercato cinese</i> light fitting certified for china market

	<i>vetro opalino</i> · opal glass
	<i>vetro sabbiato</i> · sanded glass
	<i>vetro nero fumè</i> · black smoke glass
	<i>vetro trasparente</i> · transparent glass
	<i>vetro bianco latte</i> · white milk glass
	<i>cristallo</i> · crystal
	<i>policarbonato opalino</i> · opal polycarbonate diffuser
	<i>carrabile</i> · drive over
	<i>alimentatore incluso</i> · power supply included
	<i>alimentatore escluso</i> · power supply not included
	<i>alimentatore remoto incluso</i> · remote power supply included
	<i>alimentatore elettronico con controllo intelligente incluso</i> · electronic power supply with smart control included
	<i>alimentatore elettronico con controllo intelligente incluso, da installare remoto</i> · electronic power supply with smart control included, to be installed remotely
	<i>alimentatore a spina incluso</i> · plug power supply included
	<i>trasformatore incluso</i> · transformer included
	<i>trasformatore escluso</i> · transformer not included
	<i>kit di cablaggio</i> · wiring kit
	<i>kit di cablaggio escluso</i> · wiring kit not included
	<i>lampadina con sorgente elettronica led, ad incandescenza, alogena o fluorescente inclusa.</i> bulb with led electronic source, incandescent, halogen or fluorescent included.
	<i>lampadina con sorgente elettronica led, ad incandescenza, alogena o fluorescente esclusa.</i> bulb with led electronic source, incandescent, halogen or fluorescent not included.
	<i>propulsore dinamico n55 incluso</i> · included
	<i>possibilità di combinazione tra interfaccia n55, propulsore dinamico n55 e lampadina n55</i> · possible combination between n55 interface, propulsore dinamico n55 and n55 bulb
	<i>attenzione: sorgente luminosa led. non guardare mai direttamente a occhio nudo</i> · attention: led light source. never look straight without eye protection
	<i>flicker free compatibile con fotocamere digitali</i> · flicker free digital camera friendly
l.d.	<i>luce diretta</i> · direct light
l.i.	<i>luce indiretta</i> · indirect light
.d1	<i>dimmerazione 1-10V</i> · 1-10V dimmable
.d2	<i>dimmerazione dali</i> · dimmable dali
.SA	<i>kit luce + emergenza sempre accese. attenzione: non è possibile installare nelle cassaforme laterizio</i> light kit + permanently lit emergency lamp. please note: cannot be installed in brickwork housing
.SE	<i>solo emergenza sempre accesa. attenzione: non è possibile installare nelle cassaforme laterizio</i> permanently lit emergency lamp only. please note: cannot be installed in brickwork housing
	<i>peso netto</i> · net weight (kg)