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.

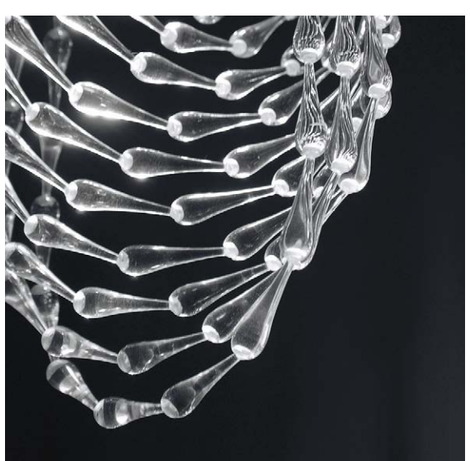
Viabizzuno *progettiamo la luce*

prodotto
product

schede tecniche
technical data sheet

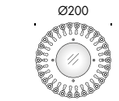
curve fotometriche
photometric curves

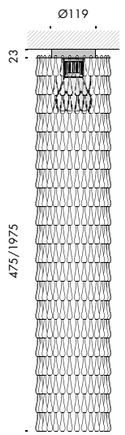
modelli 3d per i tuoi render
3d models for your render



apparecchio di illuminazione a soffitto per interni IP20.
composto da una piastra circolare in acciaio inox lucido AISI 304 che alloggia un sistema modulare componibile di catene di gocce in polimetilmetacrilato.
modelli:
gocce colonna con 30 catene di gocce installate in modo da formare una colonna di dimensioni diametro Ø200mm h.475mm o 1975mm.
gocce cupola grande con 45 catene di gocce in modo da formare una cupola di dimensioni diametro Ø575mm h.1000mm.
gocce cupola piccola con 15 catene di gocce in modo da formare una cupola di dimensioni diametro Ø200mm h.600mm.
gocce fontana con 30 catene di gocce in modo da formare una fontana di dimensioni diametro Ø575mm h.980mm.
gocce tenda con supporto singolo in polimetilmetacrilato per installare una catena di gocce 1000mm o 7500mm.
cablato con sorgente elettronica 2700K o 3000K Ra98 14W 1580lm o 19,9W 2140lm.
disponibile con lampadina classica hm02 sabbiata o con spot82x79.
alimentatore escluso.
accessori: catena di gocce lunga 1000mm o 7500mm.
finiture: piastra in acciaio inox lucido, faretto argento hacca.
personalizza la tua luce vai su www.Viabizzuno.com

IP20 rated ceiling light fitting for indoor use.
it consists of a circular plate of AISI 304 polished stainless steel, housing a modular system of extra-light polymethyl methacrylate droplet chains.
versions:
gocce colonna with 30 droplet chains which create a Ø200mm, h.475mm or 1975mm column.
gocce cupola grande with 45 droplet chains which create a Ø575mm h.1000mm dome.
gocce cupola piccola with 15 droplet chains which create a Ø200mm h.600mm dome.
gocce fontana with 30 droplet chains which create a Ø575mm h.980mm fountain.
gocce tenda with a single polymethyl methacrylate support to install a 1000mm o 7500mm drops chain.
wired with 2700K or 3000K Ra98 14W 1580lm or 19.9W 2140lm led source.
it is available with hm02 standard sanded bulb or spot82x79.
power supply not included.
accessories: drop chain 1000mm or 7500mm long.
finishes: polished stainless steel plate, argento hacca spotlight.
customize your light visit www.Viabizzuno.com





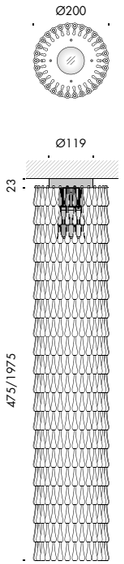
gocce colonna hm02 IP20

Vb8.540.01.27.bt	polimetilmetacrilato extra chiaro extra-clear polymethyl methacrylate	475mm	2700K	4,4
Vb8.540.05.27.bt	polimetilmetacrilato extra chiaro extra-clear polymethyl methacrylate	1975mm	2700K	4,9

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

Vb8.540.01.30.bt	polimetilmetacrilato extra chiaro extra-clear polymethyl methacrylate	475mm	3000K	4,4
Vb8.540.05.30.bt	polimetilmetacrilato extra chiaro extra-clear polymethyl methacrylate	1975mm	3000K	4,9

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



gocce colonna spot82x79 IP20

Vb8.540.03.27.bt polimetilmetacrilato extra chiaro 475mm 2700K 19° 4,4
extra-clear polymethyl methacrylate

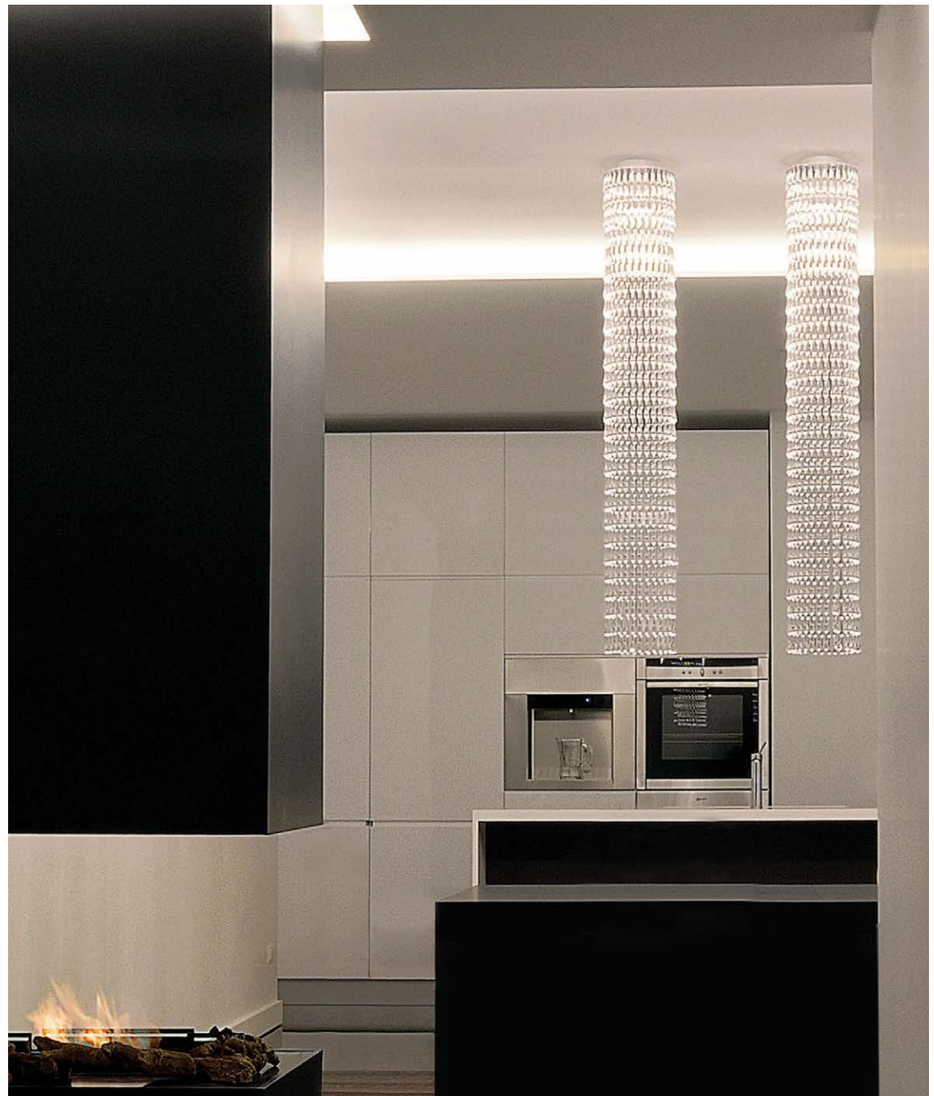
Vb8.540.07.27.bt polimetilmetacrilato extra chiaro 1975mm 2700K 19° 4,9
extra-clear polymethyl methacrylate

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

Vb8.540.03.30.bt polimetilmetacrilato extra chiaro 475mm 3000K 19° 4,4
extra-clear polymethyl methacrylate

Vb8.540.07.30.bt polimetilmetacrilato extra chiaro 1975mm 3000K 19° 4,9
extra-clear polymethyl methacrylate

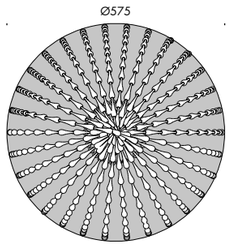
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm001	les19	Ta25 °C		vita media · average life			70000 h	L80	B10



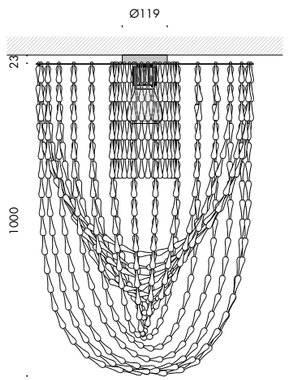
gocce cupola grande hm02

IP20

Vb8.540.25.27.bt polimetilmetacrilato extra chiaro 2700K 9,1
extra-clear polymethyl methacrylate



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



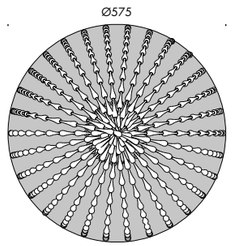
Vb8.540.25.30.bt polimetilmetacrilato extra chiaro 3000K 9,1
extra-clear polymethyl methacrylate

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

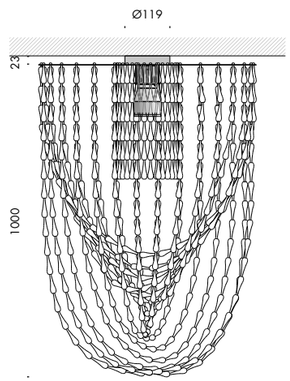
gocce cupola grande spot82x79

IP20

Vb8.540.27.27.bt polimetilmetacrilato extra chiaro 2700K 33° 9,1
extra-clear polymethyl methacrylate

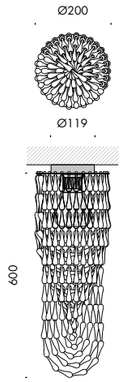


Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108
xm000	les19 ●	Ta25 °C		vita media · average life			70000 h	L80	B10



Vb8.540.27.30.bt polimetilmetacrilato extra chiaro 3000K 33° 9,1
extra-clear polymethyl methacrylate

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



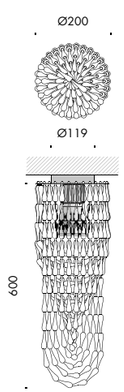
gocce cupola piccola hm02 IP20

Vb8.540.21.27.bt polimetilmetacrilato extra chiaro 2700K 4,2
extra-clear polymethyl methacrylate

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

Vb8.540.21.30.bt polimetilmetacrilato extra chiaro 3000K 4,2
extra-clear polymethyl methacrylate

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



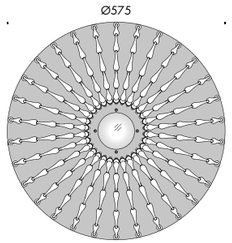
gocce cupola piccola spot82x79 IP20

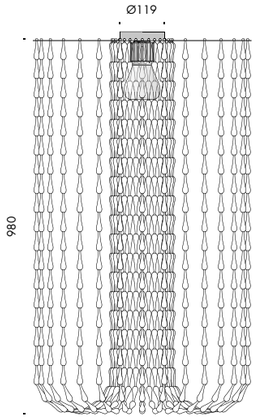
Vb8.540.23.27.bt polimetilmetacrilato extra chiaro 2700K 48°x44° 4,2
extra-clear polymethyl methacrylate

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

Vb8.540.23.30.bt polimetilmetacrilato extra chiaro 3000K 48°x44° 4,2
extra-clear polymethyl methacrylate

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





gocce fontana hm02

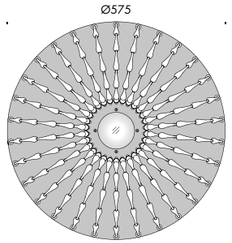
IP20

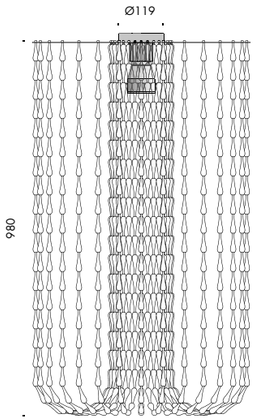
Vb8.540.11.27.bt polimetilmetacrilato extra chiaro 2700K 14
extra-clear polymethyl methacrylate

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

Vb8.540.11.30.bt polimetilmetacrilato extra chiaro 3000K 14
extra-clear polymethyl methacrylate

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





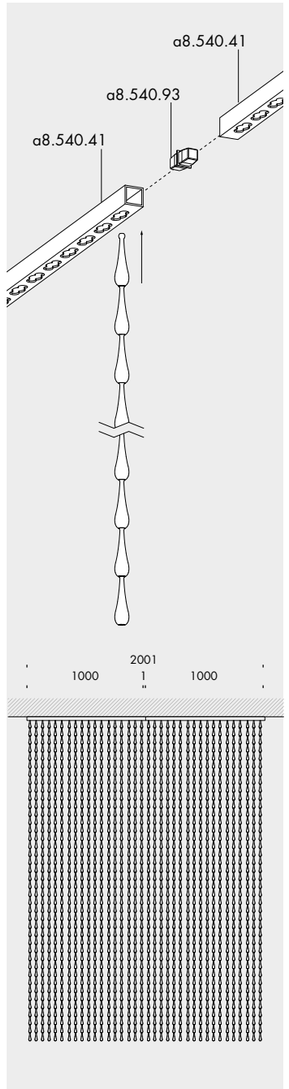
gocce fontana spot82x79 IP20

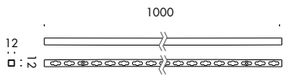
Vb8.540.13.27.bt polimetilmetacrilato extra chiaro 2700K 11° 14
extra-clear polymethyl methacrylate

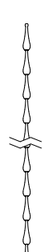
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb8.540.13.30.bt polimetilmetacrilato extra chiaro 3000K 11° 14
extra-clear polymethyl methacrylate

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







gocce tenda supporto lineare 82 catene

a8.540.41	argento opaco · matt silver	1000mm	1,2

accessori. accessories.

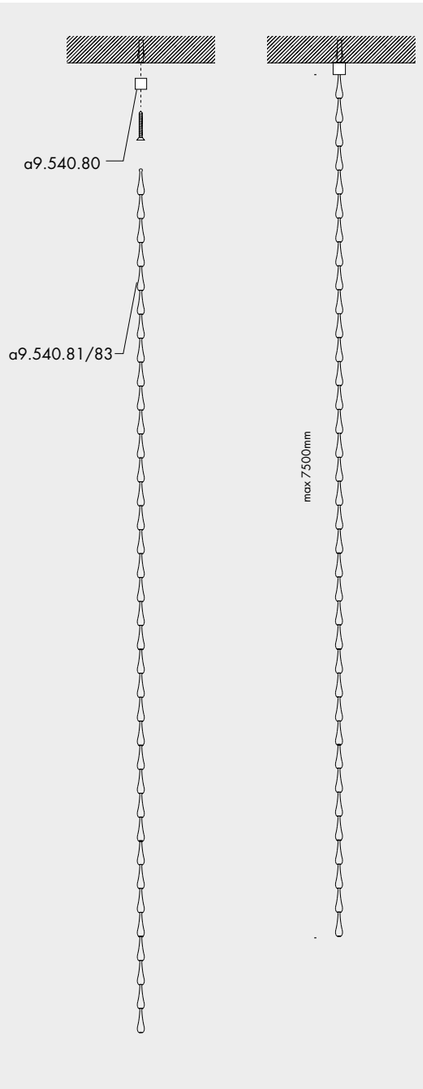
a9.540.93	giunto lineare · linear joint	1 pz · pcs	0,1

gocce tenda supporto singolo

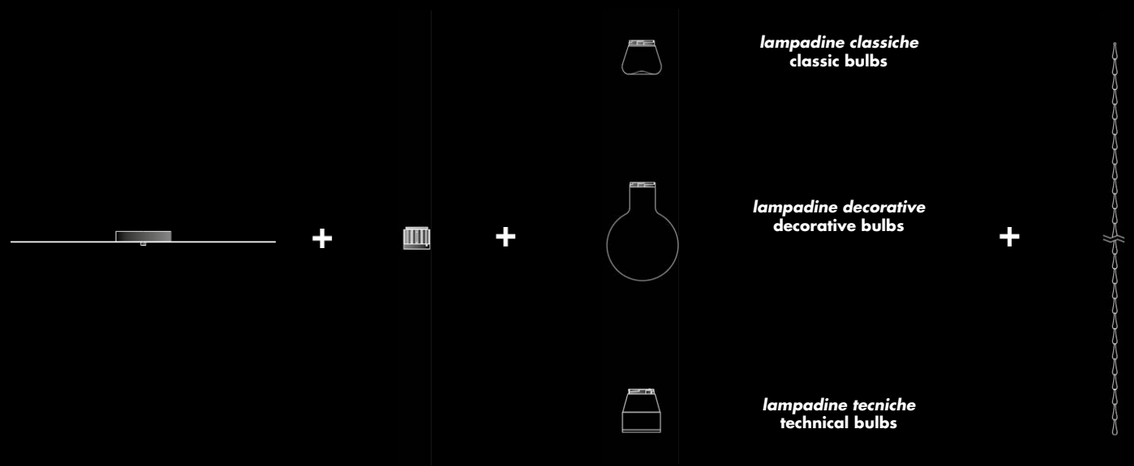
a9.540.80	polimetilmetacrilato · polymethyl methacrylate	0,01

catene di gocce. drops chains.

a9.540.81	polimetilmetacrilato extra chiaro extra-clear polymethyl methacrylate	1000mm	20 gocce · drops	0,1
a9.540.83	metacrilato extra chiaro extra-clear polymethyl methacrylate	7500mm	150 gocce · drops	0,7



personalizza la tua luce
vai su Viabizzuno.com



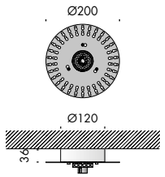
customize your light visit Viabizzuno.com

1. scegli la piastra circolare
choose the iastra circolare

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

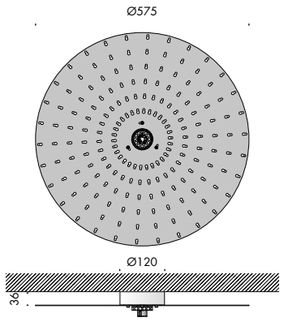
3. scegli la tua lampadina classica, decorativa e tecnica
choose your classic, decorative and technical bulb

4. scegli le catene di gocce
choose the drops chains

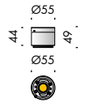


piastra circolare n55 system. circular plate.

Vb9.540.93 acciaio inox · stainless steel Ø200 0,6



Vb9.540.94 acciaio inox · stainless steel Ø575 3,1



propulsore dinamico 55/350e IP20

Vb9.580.150.27 argento hacca 2700K les19 0,2

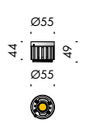
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.150.30 argento hacca 3000K les19 0,2

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

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 55/350e IP20

Vb9.580.50.27 argento hacca 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

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

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

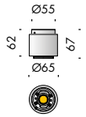
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.62.30 argento hacca 3000K les19 0,2

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

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 65/500e IP20

Vb9.580.154.27 argento hacca 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

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

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

Vb9.580.101.27 argento hacca 2700K les9 0,2

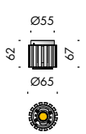
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59
xe000	les9	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.101.30 argento hacca 3000K les9 0,2

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

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 65/700 IP20

Vb9.580.54.27 argento hacca 2700K les19 0,3

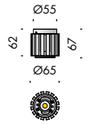
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108
xm000	les19	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.54.30 argento hacca 3000K les19 0,3

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

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

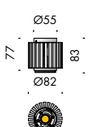
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	27,9	1110	19,5	57
xe000	les9	Ta25 °C		vita media · average life			70000 h	L80	B10

Vb9.580.106.30 argento hacca 3000K les9 0,3

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

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

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

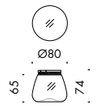
Vb9.580.58.30 argento hacca 3000K les19 0,5

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

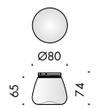
Vb9.580.58.30v argento hacca 3000VbK les19 0,5

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

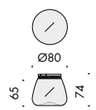
mario nanni



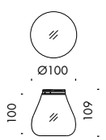
Vb9.580.01.t hm01 trasparente · transparent 0,05



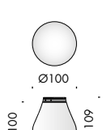
Vb9.580.01.s hm01 sabbiata · sanded 0,05



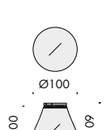
Vb9.580.01.b hm01 bianco latte · milk white 0,05



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

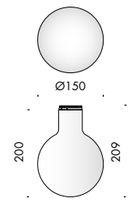


Vb9.580.02.s hm02 sabbiata · sanded 0,1

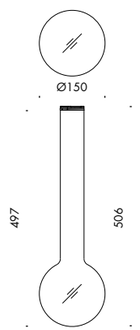


Vb9.580.02.b hm02 bianco latte · milk white 0,1

mario nanni

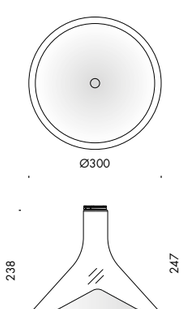


Vb9.580.03.s mn01 sabbiato · sanded 0,3



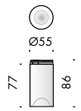
Vb9.580.04.t mn02 trasparente · transparent 0,5

gio tirotto

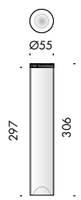


Vb9.580.17.t gt01 trasparente, sabbiato · transparent, sanded 1

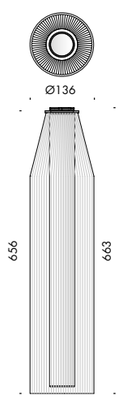
david chipperfield



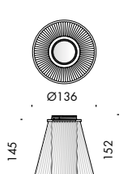
Vb9.580.05.s dc01 sabbiato · sanded 0,1



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

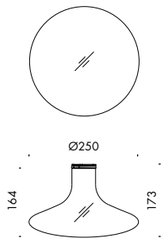


Vb9.580.19.tr dc03 trasparente, rigato
transparent, striped 0,7

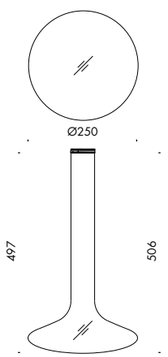


Vb9.580.20.tr dc04 trasparente, rigato e sabbiato
transparent, striped and sanded 0,3

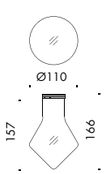
peter zumthor



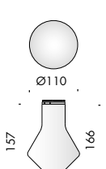
Vb9.580.08.t pz01 trasparente · transparent 0,3



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

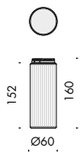


Vb9.580.11.t pz03 trasparente · transparent 0,2



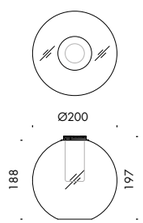
Vb9.580.11.s pz03 sabbiato · sanded 0,2

al-jawad pike

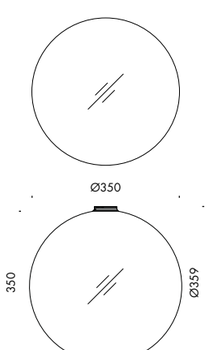


Vb9.580.18.tr ajp01 trasparente, rigato · transparent, striped 0,2

oma

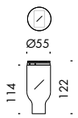


Vb9.580.14.t oma02 trasparente · transparent 0,4



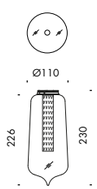
Vb9.580.15.t oma03 trasparente · transparent 1,4

kengo kuma

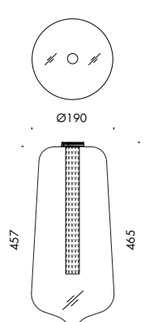


Vb9.580.07.c	kk01 cristallo · crystal	0,3

marcio kogan

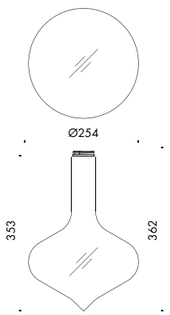


Vb9.580.111.t	mk01 trasparente · transparent	0,4



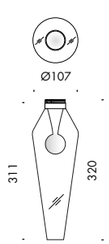
Vb9.580.112.t	mk02 trasparente · transparent	1,8

rdai



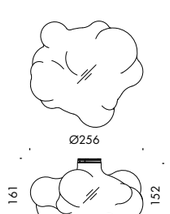
Vb9.580.12.t	rdai01 trasparente · transparent	0,6

tzach cohen

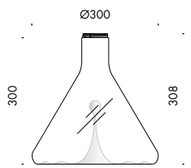


Vb9.580.180.ts	tc01 trasparente, sabbiato · transparent, sanded	0,4

winy maas



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

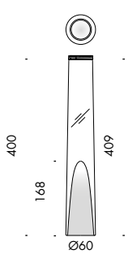


max lam ☆ CE

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

spot35 ☆ CE

Vb9.580.21	argento hacca	87° les19	0,1

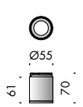


domenico de palo ☆ CE

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

spot55x37 ☆ CE

Vb9.580.121	argento hacca	18° les9		0,1
Vb9.580.123	argento hacca	23° les9	30° les19	0,1
Vb9.580.125	argento hacca	36° les9	38° les19	0,1

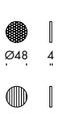


spot55x61 ☆ CE

Vb9.580.25	argento hacca	36° les19	0,2
Vb9.580.27	argento hacca	47° les19	0,2

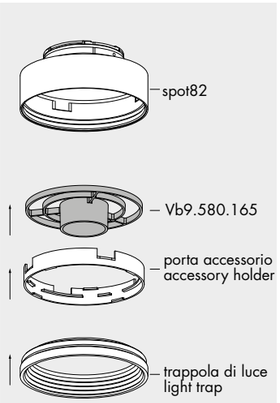
accessori per lampadina trasparente. transparent bulb accessories. ☆ CE

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



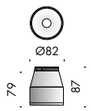
accessori spot55. accessories. ☆ CE

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



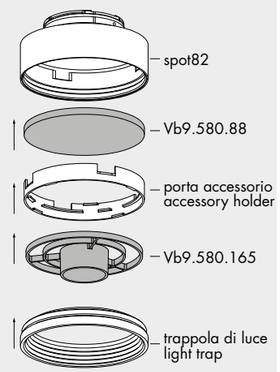
spot82x35 ☆ CE

Vb9.580.131	argento hacca	13° les9		0,1
Vb9.580.133	argento hacca	19° les9		0,1
Vb9.580.135	argento hacca	23° les9	31° les19	0,1
Vb9.580.139	argento hacca	35° les9	42° les19	0,1



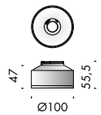
spot82x79 ☆ CE

Vb9.580.31	argento hacca	23° les19	0,2
Vb9.580.33	argento hacca	37° les19	0,2
Vb9.580.35	argento hacca	46° les19	0,2



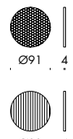
accessori spot82. accessories. ☆ CE

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



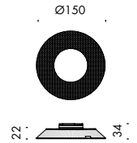
spot100 ☆ CE

Vb9.580.37	argento hacca	10° les9	16° les19	0,1
Vb9.580.39	argento hacca	22° les9	25° les19	0,1
Vb9.580.41	argento hacca		40° les19	0,1
Vb9.580.43	argento hacca		54° les19	0,1



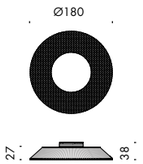
accessori spot100. accessories. ☆ CE

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



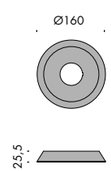
lensoptica amP150

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



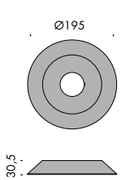
lensoptica amP180

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



riflettore in metallo 150

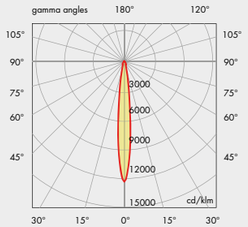
Vb9.518.95.h	argento hacca	0,1



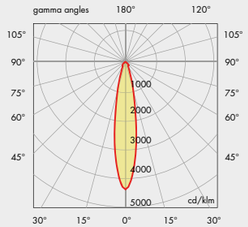
riflettore in metallo 180

Vb9.518.96.h	argento hacca	0,1

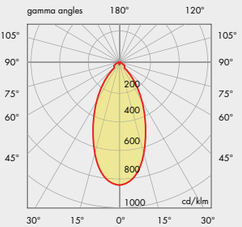
lensoptica amP150 13° les9 ●
fascio stretto · narrow beam



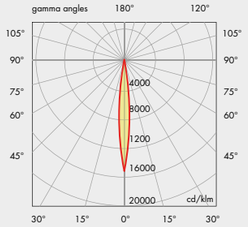
lensoptica amP150 22° les19 ●
fascio stretto · narrow beam



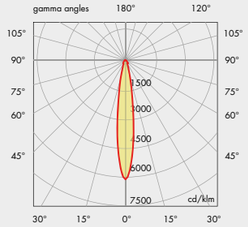
lensoptica amP150 51° les19 ●
fascio largo · wide beam



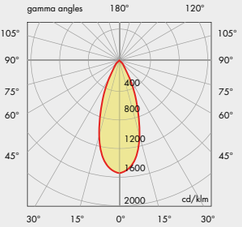
lensoptica amP180 10° les9 ●
fascio stretto · narrow beam



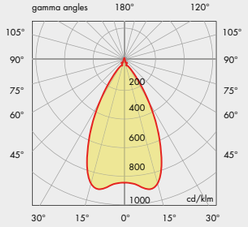
lensoptica amP180 15° les19 ●
fascio stretto · narrow beam



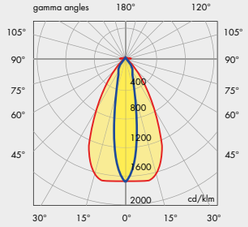
lensoptica amP180 41° les19 ●
fascio medio · medium beam



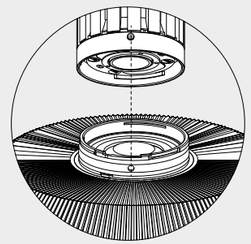
lensoptica amP180 53° les19 ●
fascio largo · wide beam

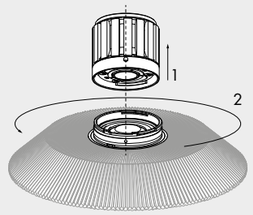


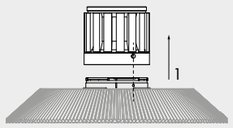
lensoptica amP180 20°x55° les19 ●
fascio ellittico · elliptical beam

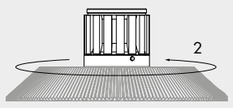


lensoptica amP
installazione · mounting









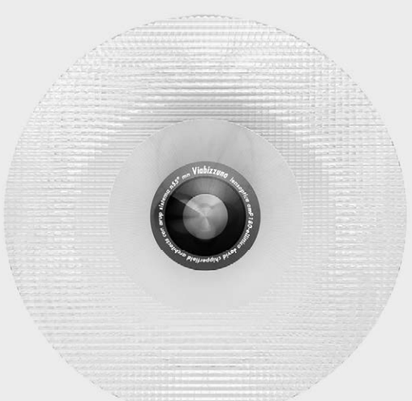
lensoptica amP150
fascio stretto · narrow beam

lensoptica amP180
fascio stretto · narrow beam

lensoptica amP180
fascio medio · medium beam

lensoptica amP150
fascio largo · wide beam

lensoptica amP180
fascio largo · wide beam

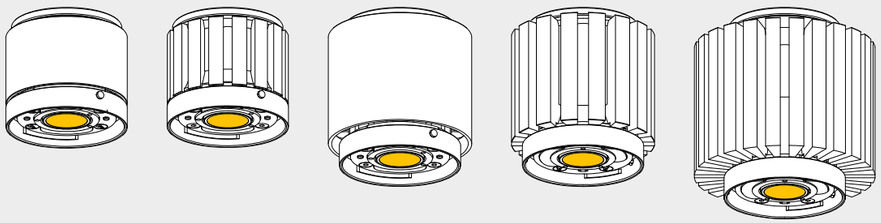


lensoptica amP180
fascio ellittico · elliptical beam

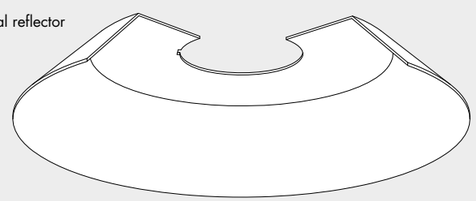
lensoptica amP è il risultato di una ricerca sviluppata da Viabizzuno su progetto david chipperfield architects con lo studio internazionale di ingegneria arup per fornire alle sorgenti luminose elettroniche un'ottica ad alta efficienza in grado di avere sia una luce concentrata che diffusa.
l'alta efficienza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

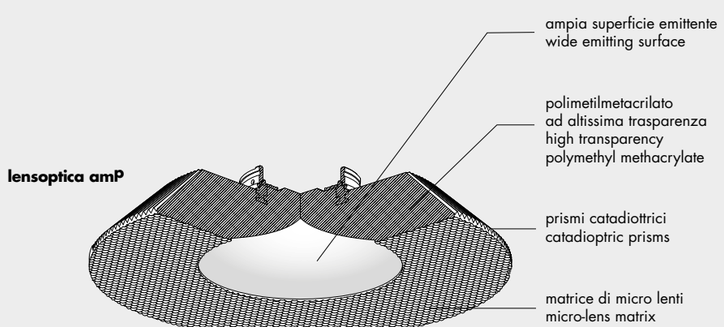
lensoptica amP is the result of a long research and development process made by Viabizzuno on a david chipperfield architects with arup, international engineering studio, design to provide electronic light sources with a high efficiency optics that can have either a focused and a diffuse light.
high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

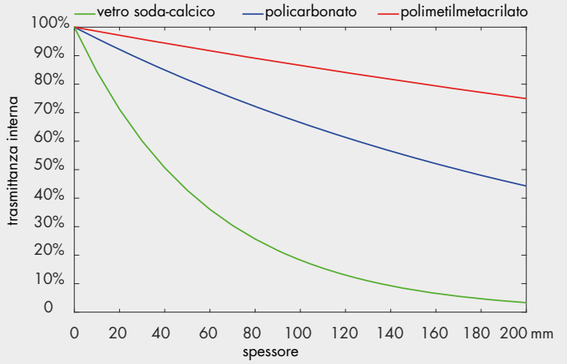
propulsore dinamico n55



riflettore in metallo · metal reflector

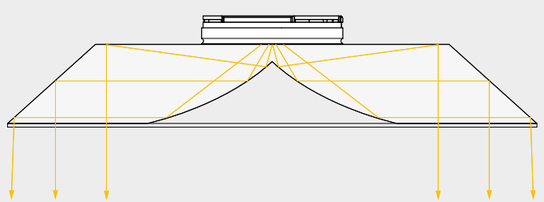




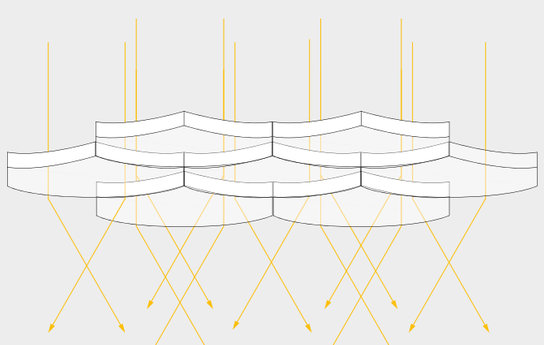


la trasmittanza interna (T) di un materiale trasparente è determinata dallo spessore (x) e dal coefficiente d'assorbimento del materiale stesso (α) secondo la legge di lambert-beer $T_{(x)} = e^{-\alpha x}$
the internal transmittance of a transparent material (T) is determined by the thickness (x) and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

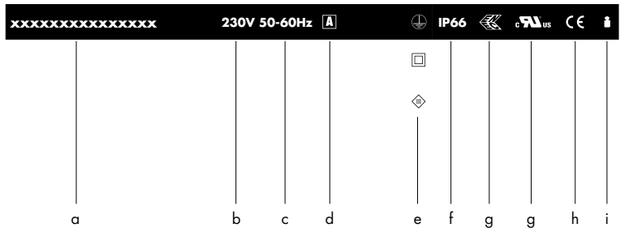


lensoptica amP è allo stesso tempo una lente e un riflettore, perché i raggi di luce subiscono rifrazione e riflessione totale interna. per questa caratteristica tecnica riesce a coniugare alta efficienza e accurato controllo direzionale della luce.
lensoptica amP is both a lens and a reflector at the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



componenti. components. **IK10**

accessori. accessories. **IK10**

1	2	3		4	5	6	7	8	9
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128
					500	27,9	1580	14,0	113
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80	B10

10 11 12 13

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.

CE *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

c UL us *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

KEMA KEUR *apparecchio di illuminazione approvato da kema* · kema approved light fitting

WRAS *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

ETL *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)