



apparecchio di illuminazione a soffitto per interni IP20 realizzato in alluminio ossidato. modelli con alimentatore incluso, da installare remoto o con alimentatore integrato:

n55 soffitto con lampadina decorativa ajp01,

n55 soffitto con lampadina decorativa dc02,

n55 soffitto con lampadina decorativa mn01,

n55 soffitto con lampadina decorativa pz01,

n55 soffitto con lampadina decorativa pz03,

n55 soffitto con lampadina decorativa wm01.

cablato con propulsore dinamico n55 55/500 les19 14W 500mA 1580lm,

Ra98 1 step macadam.

l'apposito attacco n55 permette di intercambiare tre tipi di lampadina: classica, decorativa e tecnica.

la versione con alimentatore 120-240V 50-60Hz integrato è fornita di controllo intelligente che regola automaticamente la corrente al tipo di propulsore. lo stesso alimentatore può essere ordinato a parte per le altre versioni.

finiture: argento hacca, nero55.

lampadine classiche e decorative con vetro trasparente, sabbiato e bianco latte.

IP20 rated ceiling mounted light fitting for indoor use made of oxidised extruded aluminium.

versions with 120-240V power supply included, to be installed remotely or with integrated power supply:

n55 soffitto with ajp01 decorative bulb,

n55 soffitto with dc02 decorative bulb,

n55 soffitto with mn01 decorative bulb,

n55 soffitto with pz01 decorative bulb,

n55 soffitto with pz03 decorative bulb,

n55 soffitto with wm01 decorative bulb.

wired with propulsore dinamico n55 55/500 les19 14W 500mA 1580lm Ra98 1 step macadam.

the specific n55 lamp-holder allows to change three types of light bulbs: classic, decorative and technical.

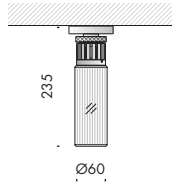
the integrated 120-240V 50-60Hz power supply version has a smart control which automatically provides the suitable current according to the type of propeller. the same power supply can also be ordered separately for the other versions.

accessories: fully concealed housing for plasterboard and brickwork, end caps, gasket with light trap for transparent glass; honeycomb louvre, elliptical lens and anti-glare for technical bulbs.

finishes: argento hacca, nero55.

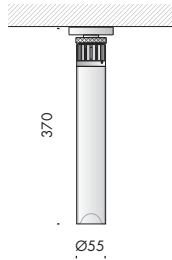
classic and decorative bulbs with transparent, sanded and milk white glass.





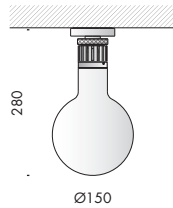
n55 soffitto aip01		120-240V 50-60Hz	AiR	IP20	PF	CE	i
Via.552.0300	argento hacca	trasparente, rigato	2700K	les19	0,5		
		transparent, striped					
Via.552.0301	nero55	trasparente, rigato	2700K	les19	0,5		
		transparent, striped					

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



n55 soffitto dc02		120-240V 50-60Hz	AiR	IP20	PF	CE	i
Via.552.0304	argento hacca	sabbiato · sanded	2700K	les19	0,6		
Via.552.0305	nero55	sabbiato · sanded	2700K	les19	0,6		

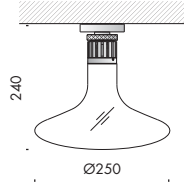
Ra	R9	ies tm-30		sdcn	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113	A+
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10		



n55 soffitto mn01		120-240V 50-60Hz	AiR	IP20	PF	CE	i
Via.552.0308	argento hacca	sabbiato · sanded	2700K	les19	0,8		
Via.552.0309	nero55	sabbiato · sanded	2700K	les19	0,8		

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

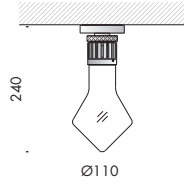




n55 soffitto pz01	120-240V 50-60Hz	AiR	IP20	PF	CE	i
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Via.552.0312	argento hacca	trasparente · transparent	2700K	les19	0,8
Via.552.0313	nero55	trasparente · transparent	2700K	les19	0,8

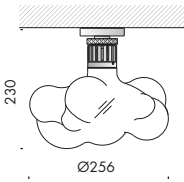
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113	A+
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10		



n55 soffitto pz03	120-240V 50-60Hz	AiR	IP20	PF	CE	i
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Via.552.0316	argento hacca	trasparente · transparent	2700K	les19	0,5
Via.552.0317	nero55	trasparente · transparent	2700K	les19	0,5

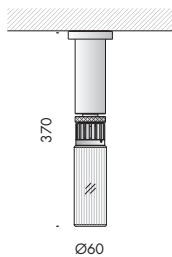
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113	A+
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10		



n55 soffitto wm01	120-240V 50-60Hz	AiR	IP20	PF	CE	i
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Via.552.0320	argento hacca	trasparente · transparent	2700K	les19	1,0
Via.552.0321	nero55	trasparente · transparent	2700K	les19	1,0

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	A+
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10		

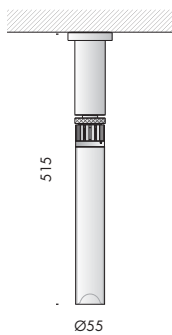


n55 soffitto aip01 120-240V 50-60Hz

Via.552.0324 argento hacca trasparente, rigato 2700K les19 0,6
trasparent, striped

Via.552.0325 nero55 trasparente, rigato 2700K les19 0,6
trasparent, striped

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	A+
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10		

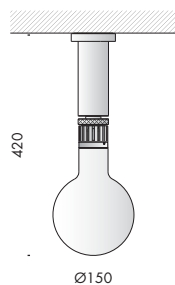


n55 soffitto dc02 120-240V 50-60Hz

Via.552.0328 argento hacca sabbaiato · sanded 2700K les19 0,7

Via.552.0329 nero55 sabbaiato · sanded 2700K les19 0,7

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



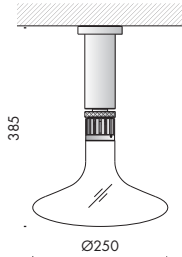
n55 soffitto mn01 120-240V 50-60Hz

Via.552.0332 argento hacca sabbaiato · sanded 2700K les19 0,7

Via.552.0333 nero55 sabbaiato · sanded 2700K les19 0,7

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

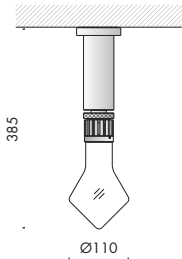




n55 soffitto pz01 120-240V 50-60Hz **Ai** **IP20** **PF** **CE** **i**

Via.552.0336 argento hacca trasparente · transparent 2700K les19 ● 0,8
Via.552.0337 nero55 trasparente · transparent 2700K les19 ● 0,8

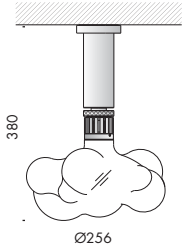
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113	
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10		



n55 soffitto pz03 120-240V 50-60Hz **Ai** **IP20** **PF** **CE** **i**

Via.552.0340 argento hacca trasparente · transparent 2700K les19 ● 0,6
Via.552.0341 nero55 trasparente · transparent 2700K les19 ● 0,6

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		



n55 soffitto wm01 120-240V 50-60Hz **Ai** **IP20** **PF** **CE** **i**

Via.552.0344 argento hacca trasparente · transparent 2700K les19 ● 1,0
Via.552.0345 nero55 trasparente · transparent 2700K les19 ● 1,0

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		









lampadine decorative
decorative bulbs



lampadine classiche
classic bulbs



lampadine tecniche
technical bulbs

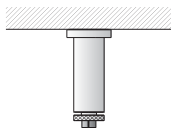
1. scegli l'interfaccia
choose the interface

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

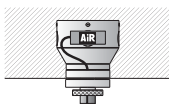
3. scegli la tua lampadina classica, decorativa e tecnica
choose your classic, decorative and technical bulb

n55 soffitto

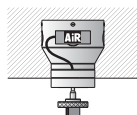
n55 soffitto a.i. 
alimentatore integrato
integrated power supply



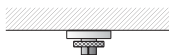
n55 soffitto a.r. 
alimentatore incassato
recessed power supply



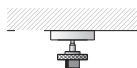
n55 soffitto orientabile a.r. 
alimentatore incassato
recessed power supply



n55 soffitto a.r. 
alimentatore remoto
remote power supply



n55 soffitto orientabile a.r. 
alimentatore remoto
remote power supply



n55 soffitto scomparsa totale a.r. 
alimentatore remoto con rosone scomparsa totale
remote power supply with fully concealed rose



propulsore dinamico n55

55/350e 



les19 
350mA
1240 lm
9,7W
128 lm/W
A++



55/350 

les19 
350mA
1240 lm
9,7W
128 lm/W
A++

55/500 



les19 
500mA
1580 lm
14W
113 lm/W
A+

55/500 



les9 
500mA
800 lm
13,6W
59 lm/W
A

65/500e 



les19 
500mA
1580 lm
14W
113 lm/W
A+



65/700 

les19 
700mA
2140 lm
19,9W
108 lm/W
A+

65/700 



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

82/1050 



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

lampadina classica classic bulb

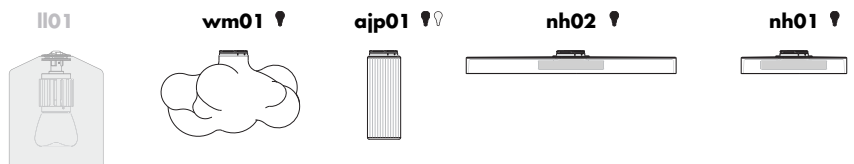
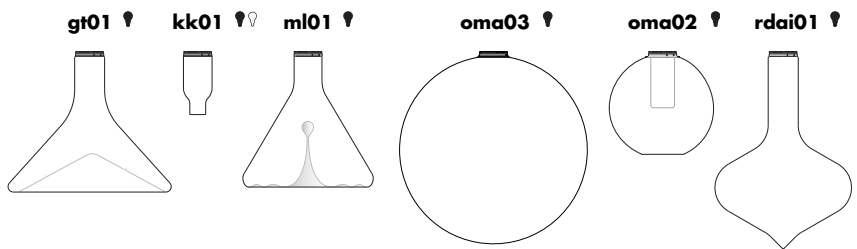
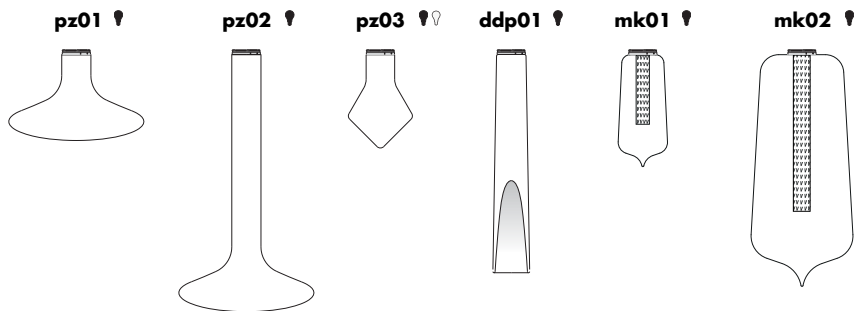
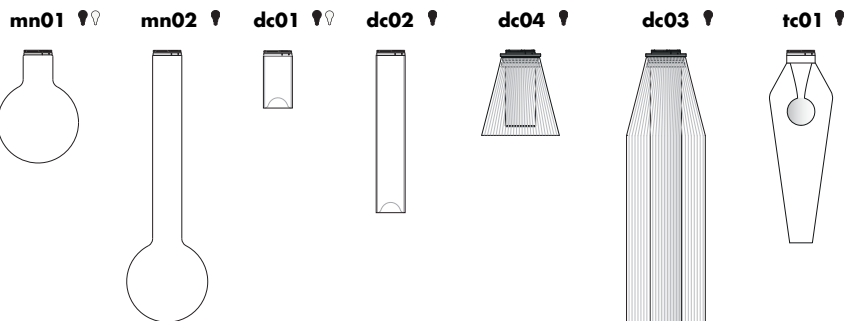
hm01 



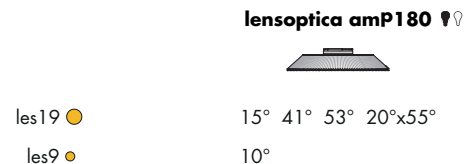
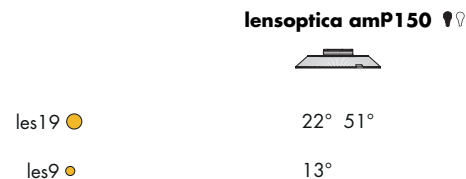
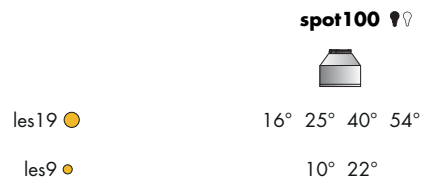
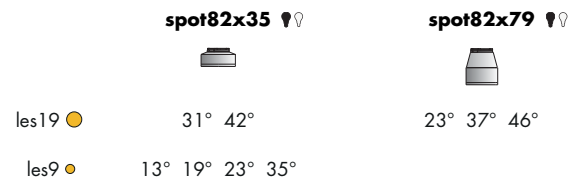
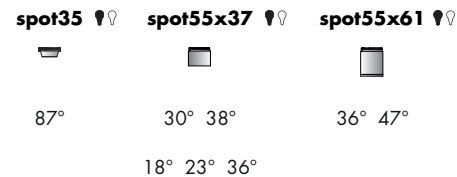
hm02 

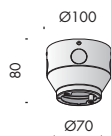
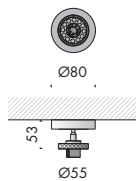
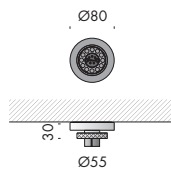
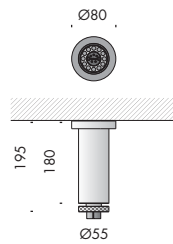


**lampadina decorativa
decorative bulb**



**lampadina tecnica
technical bulb**



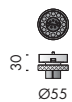


n55 soffitto a.i.		110-240V 50-60Hz	A	⊕ IP20	⚠	CE	i
Vb3.580.01	argento hacca	350÷ 1050mA					0,3
Vb3.580.02	nero55	350÷ 1050mA					0,3
Vb3.580.03	my bianco	350÷ 1050mA					0,3

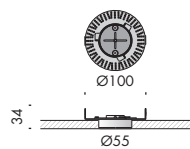
n55 soffitto a.r.			A	⊕ IP20	⚠	CE	i
Vb3.580.09	argento hacca						0,4
Vb3.580.10	nero55						0,4
Vb3.580.11	my bianco						0,4

n55 soffitto orientabile a.r.			A	⊕ IP20	★	CE	i
Vb6.580.17	argento hacca						0,4
Vb6.580.18	nero55						0,4
Vb6.580.19	my bianco						0,4

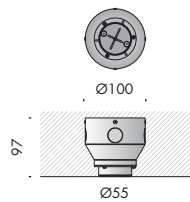
accessori. accessories.			★	CE	i
Vb9.580.70	cassaforma laterizio per alimentatore brick housing for power supply				0,2



n55 soffitto scomparsa totale a.r.			IP20	CE	
Vb3.580.05	argento hacca				0,2
Vb3.580.06	nero55				0,2
Vb3.580.07	my bianco				0,2



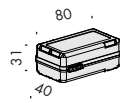
rosone di alimentazione. ceiling roses.			★ CE	
Vb9.580.73	cassaforma cartongesso scomparsa totale plasterboard housing total recessed			0,2



Vb9.580.74	cassaforma laterizio scomparsa totale brick housing total recessed			0,2
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accessori scomparsa totale. fully concealed accessories.		★ CE	
Vb9.580.83	tappo di chiusura · end cap	argento hacca	0,1
Vb9.580.84	tappo di chiusura · end cap	nero55	0,1
Vb9.580.85	tappo di chiusura · end cap	my bianco	0,1



alimentatore. power supply.		120-240V 50-60Hz			IP20			CE	
Vb9.580.80	alimentatore elettronico con controllo intelligente electronic power supply with smart control				40W			0,2	



propulsore dinamico 55/350e

 IP20

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

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128	A++
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	A++
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	A++
xm007	les19 	Ta25 °C		vita media · average life		70000 h		L80 B10		



propulsore dinamico 55/350 **IP20**

Vb9.580.50.27	argento hacca	2700K	les19 	0,2
Vb9.580.51.27	nero55	2700K	les19 	0,2
Vb9.580.52.27	my bianco	2700K	les19 	0,2

Ra	R9	ies tm-30		sdcn	mA	V _f (min)	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128	A++
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		sdcn	mA	V _f (min)	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128	A++
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		sdcn	mA	V _f (min)	lm	W	lm/W	
98	98	Rf 93	Rg 106	step 1	350	27,6	1240	9,7	128	A++
xm007	les19 	Ta25 °C		vita media · average life		70000 h		L80 B10		



propulsore dinamico 55/500

 IP20

Vb9.580.62.27	argento hacca	2700K	les19 	0,2
Vb9.580.63.27	nero55	2700K	les19 	0,2
Vb9.580.64.27	my bianco	2700K	les19 	0,2

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113	A+
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	A+
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	A+
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

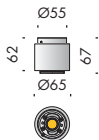
Ra	R9	ies tm-30		sdcm	mA	V _f (min)	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59	A
xe000	les9 ●	Ta25 °C		vita media · average life				70000 h	L80	B10

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

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

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

Ra	R9	ies tm-30		sdcm	mA	V _f (min)	lm	W	lm/W	
98	98	Rf 93	Rg 106	step 1	500	27,1	800	13,6	59	A
xe007	les9 ●	Ta25 °C		vita media · average life				70000 h	L80	B10



propulsore dinamico 65/500e			IP20				
Vb9.580.154.27	argento hacca	2700K	les19	0,3			
Vb9.580.155.27	nero55	2700K	les19	0,3			
Vb9.580.156.27	my bianco	2700K	les19	0,3			

Ra	R9	ies tm-30		sdc	cm	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1		500	27,9	1580	14,0	113	A+
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	cm	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1		500	27,9	1580	14,0	113	A+
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	cm	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 93	Rg 106	step 1		500	27,9	1580	14,0	113	A+
xm007		les19	Ta25 °C		vita media · average life		70000 h		L80 B10		



propulsore dinamico 65/700 **IP20**

Vb9.580.54.27	argento hacca	2700K	les19 	0,3
Vb9.580.55.27	nero55	2700K	les19 	0,3
Vb9.580.56.27	my bianco	2700K	les19 	0,3

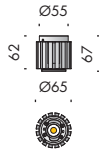
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108	A+
xm000	les19 	Ta25 °C		vita media · average life		70000 h		L80 B10		

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	A+
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	A+
xm007	les19 	Ta25 °C		vita media · average life		70000 h		L80 B10		



propulsore dinamico 65/700			IP20				
Vb9.580.106.27	argento hacca	2700K	les9	0,3			
Vb9.580.107.27	nero55	2700K	les9	0,3			
Vb9.580.108.27	my bianco	2700K	les9	0,3			

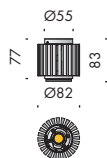
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	700	27,9	1110	19,5	57	A
xe000	les9	Ta25 °C		vita media · average life		70000 h		L80 B10		

Vb9.580.106.30	argento hacca	3000K	les9	0,3			
Vb9.580.107.30	nero55	3000K	les9	0,3			
Vb9.580.108.30	my bianco	3000K	les9	0,3			

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	700	27,9	1110	19,5	57	A
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	A
xe007	les9	Ta25 °C		vita media · average life		70000 h		L80 B10		



propulsore dinamico 82/1050 **IP20**

Vb9.580.58.27	argento hacca	2700K	les19 	0,5
Vb9.580.59.27	nero55	2700K	les19 	0,5
Vb9.580.60.27	my bianco	2700K	les19 	0,5

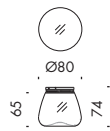
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98	A+
xm000	les19 	Ta25 °C		vita media · average life		70000 h		L80 B10		

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	A+
xm001	les19 	Ta25 °C		vita media · average life		70000 h		L80 B10		

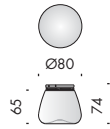
Vb9.580.58.30v	argento hacca	3000VbK	les19 	0,5
Vb9.580.59.30v	nero55	3000VbK	les19 	0,5
Vb9.580.60.30v	my bianco	3000VbK	les19 	0,5

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	A+
xm007	les19 	Ta25 °C		vita media · average life		70000 h		L80 B10		

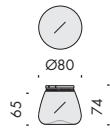


mario nanni		★	CE	ⓘ
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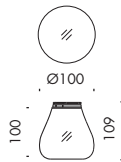
Vb9.580.01.t hm01 trasparente · transparent 0,05



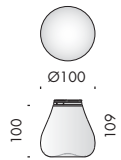
Vb9.580.01.s hm01 sabbiata · sanded 0,05



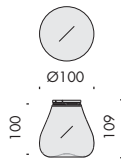
Vb9.580.01.b hm01 bianco latte · milk white 0,05



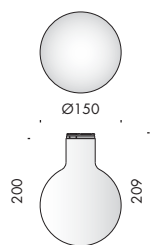
Vb9.580.02.t hm02 trasparente · transparent 0,1



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

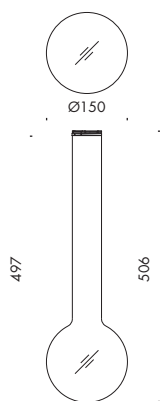


Vb9.580.02.b hm02 bianco latte · milk white 0,1



Vb9.580.03.s mn01 sabbiato · sanded

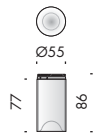
0,3



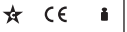
Vb9.580.04.t mn02 trasparente · transparent

0,5

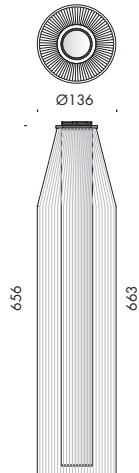
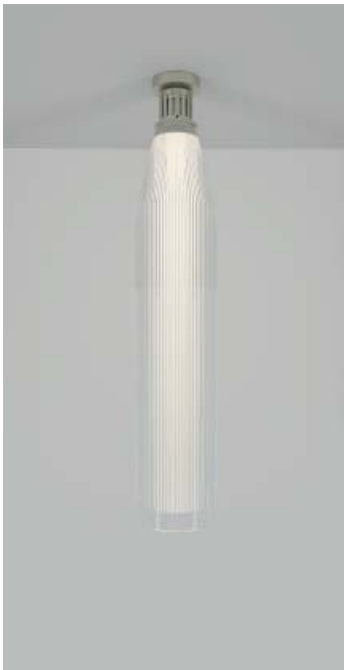




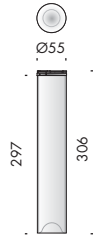
david chipperfield



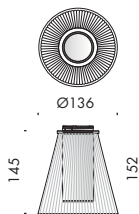
Vb9.580.05.s dc01 sabbiato · sanded 0,1



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

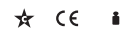


Vb9.580.19.tr dc03 trasparente, rigato
transparent, striped 0,7



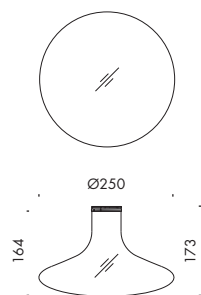
Vb9.580.20.tr dc04 trasparente, rigato e sabbiato
transparent, striped and sanded 0,3

peter zumthor



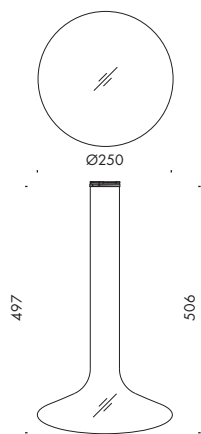
Vb9.580.08.t pz01 trasparente · transparent

0,3



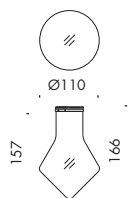
Vb9.580.10.t pz02 trasparente · transparent

0,6



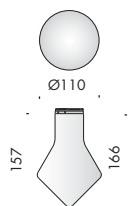
Vb9.580.11.t pz03 trasparente · transparent

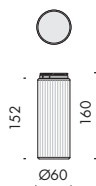
0,2



Vb9.580.11.s pz03 sabbiato · sanded

0,2





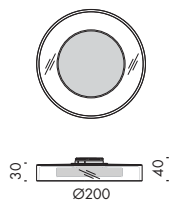
al-jawad pike



Vb9.580.18.tr

ajp01 trasparente, rigato · transparent, striped

0,2



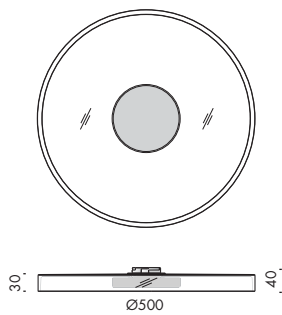
neri&hu



Vb9.580.116.ts

nh01 trasparente, sabbiato · transparent, sanded

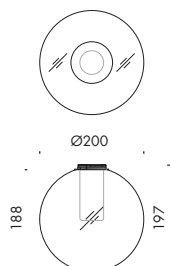
0,9



Vb9.580.117.ts

nh02 trasparente, sabbiato · transparent, sanded

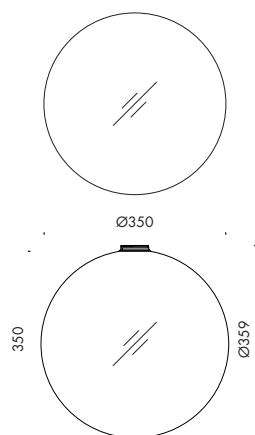
2,9



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Vb9.580.14.t oma02 trasparente · transparent

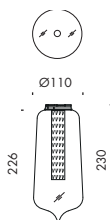
0,4



Vb9.580.15.t oma03 trasparente · transparent

1,4



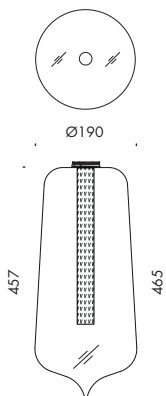


marcio kogan



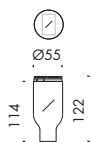
Vb9.580.111.t mk01 trasparente · transparent

0,4



Vb9.580.112.t mk02 trasparente · transparent

1,8



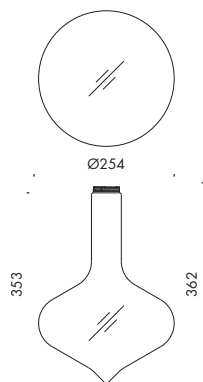
kengo kuma



Vb9.580.07.c

kk01 cristallo · crystal

0,3



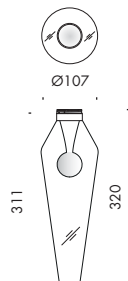
rdai



Vb9.580.12.t

rdai01 trasparente · transparent

0,6



tzach cohen

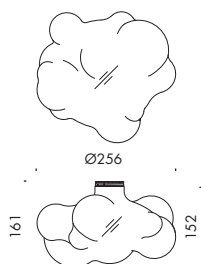


Vb9.580.180.ts

tc01 trasparente, sabbiato · transparent, sanded

0,4





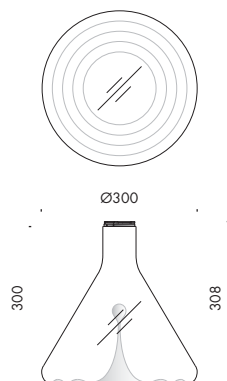
winy maas



Vb9.580.09.t

wm01 trasparente · transparent

0,6



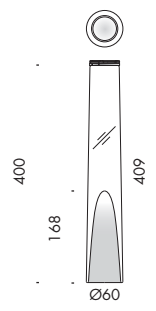
max lam



Vb9.580.13.t

ml01 trasparente · transparent

1,4



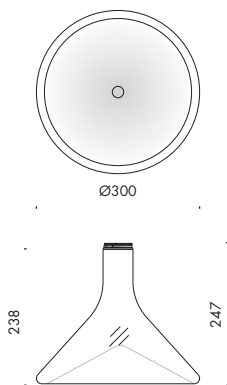
domenico de palo



Vb9.580.114.t

ddp01 trasparente,sabbiato · transparent, sanded

0,5



gio tirotto ☆ CE i

Vb9.580.17.t gt01 trasparente · transparent

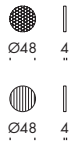
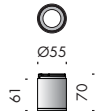
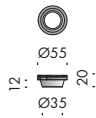
1



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

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

0,03

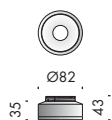


spot35		★	CE	i
Vb9.580.21	argento hacca	87° les19	●	0,1
Vb9.580.22	nero55	87° les19	●	0,1
Vb9.580.22.b	my bianco	87° les19	●	0,1

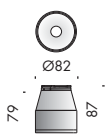
spot55x37			★	CE	i
Vb9.580.121	argento hacca	18° les9 ●			0,1
Vb9.580.122	nero55	18° les9 ●			0,1
Vb9.580.122.b	my bianco	18° les9 ●			0,1
Vb9.580.123	argento hacca	23° les9 ●	30° les19 ●		0,1
Vb9.580.124	nero55	23° les9 ●	30° les19 ●		0,1
Vb9.580.124.b	my bianco	23° les9 ●	30° les19 ●		0,1
Vb9.580.125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

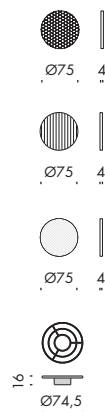
accessori spot55. accessories.		★	CE	i
Vb9.580.91	frangiluce nido d'ape · honeycomb louvre			0,01
Vb9.580.92	lente ellittica · elliptical lens			0,04



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



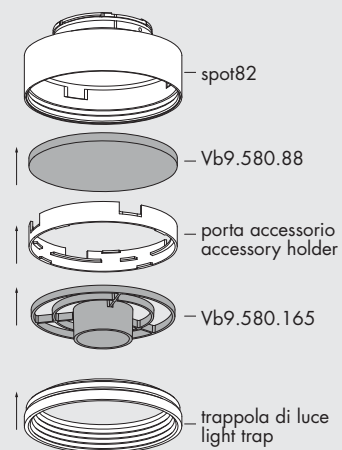
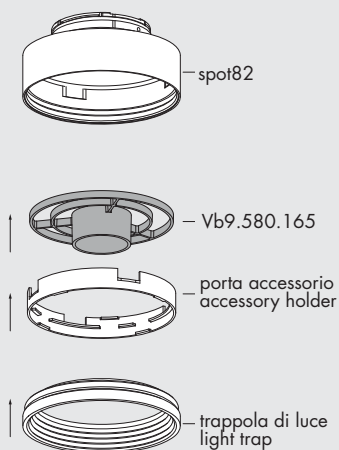
spot82x79			★	CE	i
Vb9.580.31	argento hacca	23° les19 ●			0,2
Vb9.580.32	nero55	23° les19 ●			0,2
Vb9.580.32.b	my bianco	23° les19 ●			0,2
Vb9.580.33	argento hacca	37° les19 ●			0,2
Vb9.580.34	nero55	37° les19 ●			0,2
Vb9.580.34.b	my bianco	37° les19 ●			0,2
Vb9.580.35	argento hacca	46° les19 ●			0,2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

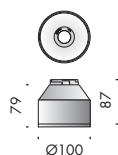


accessori spot82. accessories.

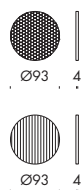


Vb9.580.86	frangiluce nido d'ape · honeycomb louvre	0,01
Vb9.580.87	lente ellittica · elliptical lens	0,05
Vb9.580.88	vetro albarino · albarino glass	0,05
Vb9.580.165	anti abbagliamento · anti-glare	0,03



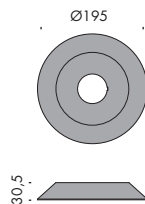
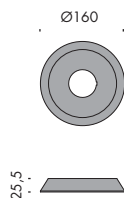
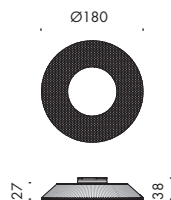
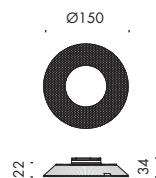


spot100			★	CE	i
Vb9.580.37	argento hacca	10° les9 ● 16° les19 ●	0,1		
Vb9.580.38	nero55	10° les9 ● 16° les19 ●	0,1		
Vb9.580.38.b	my bianco	10° les9 ● 16° les19 ●	0,1		
Vb9.580.39	argento hacca	22° les9 ● 25° les19 ●	0,1		
Vb9.580.40	nero55	22° les9 ● 25° les19 ●	0,1		
Vb9.580.40.b	my bianco	22° les9 ● 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		





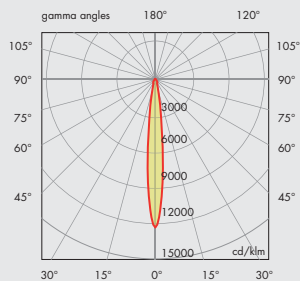
lensoptica amP150		★	CE	i
Vb9.518.91	fascio stretto · narrow beam	13°	les9 ●	0,3
		22°	les19 ●	
Vb9.518.92	fascio largo · wide beam	51°	les19 ●	0,3

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

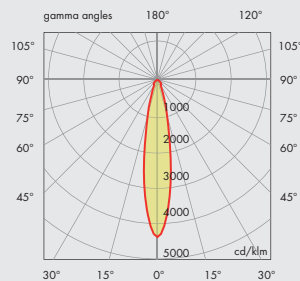
riflettore in metallo 150		★	CE	i
Vb9.518.95.n	nero55			0,1
Vb9.518.95.mb	my bianco			0,1
Vb9.518.95.h	argento hacca			0,1

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

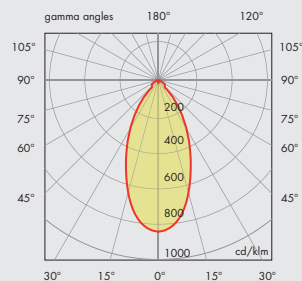
lensoptica amP150 13° les9 ●
fascio stretto · narrow beam



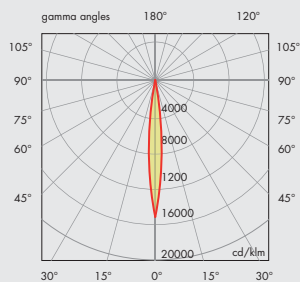
lensoptica amP150 22° les19 ●
fascio stretto · narrow beam



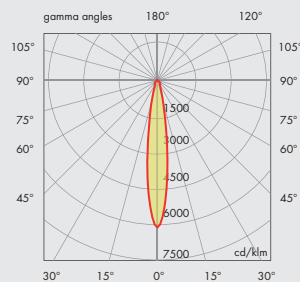
lensoptica amP150 51° les19 ●
fascio largo · wide beam



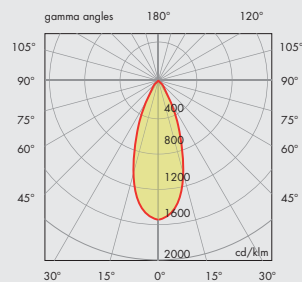
lensoptica amP180 10° les9 ●
fascio stretto · narrow beam



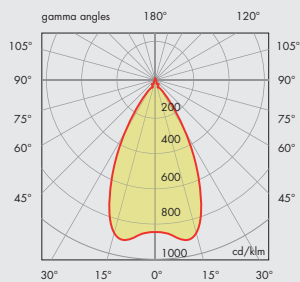
lensoptica amP180 15° les19 ●
fascio stretto · narrow beam



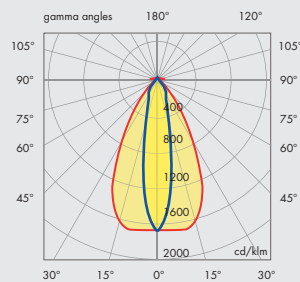
lensoptica amP180 41° les19 ●
fascio medio · medium beam



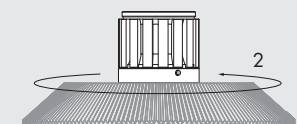
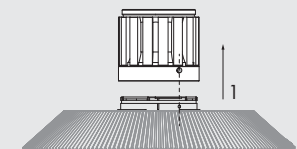
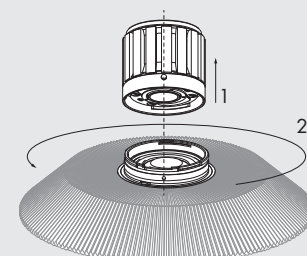
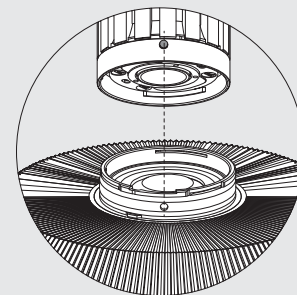
lensoptica amP180 53° les19 ●
fascio largo · wide beam



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



lensoptica amP
installazione · mounting





lensoptica amP150
fascio stretto · narrow beam



lensoptica amP150
fascio largo · wide beam



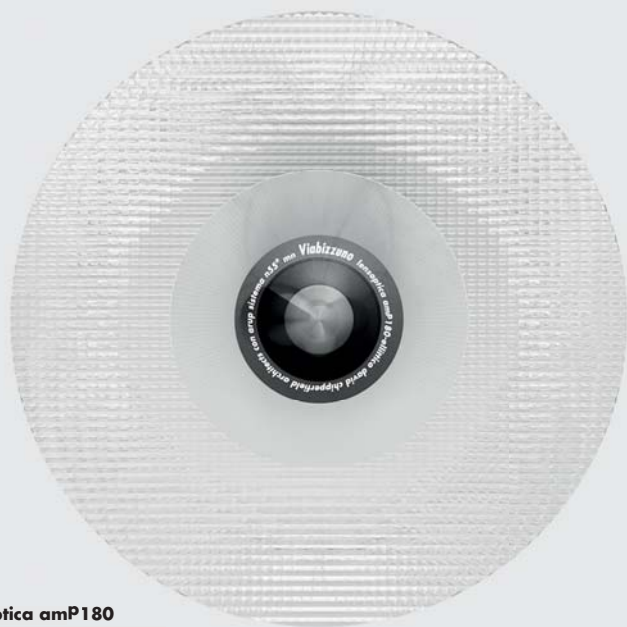
lensoptica amP180
fascio stretto · narrow beam



lensoptica amP180
fascio medio · medium 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 $UGR < 19$.

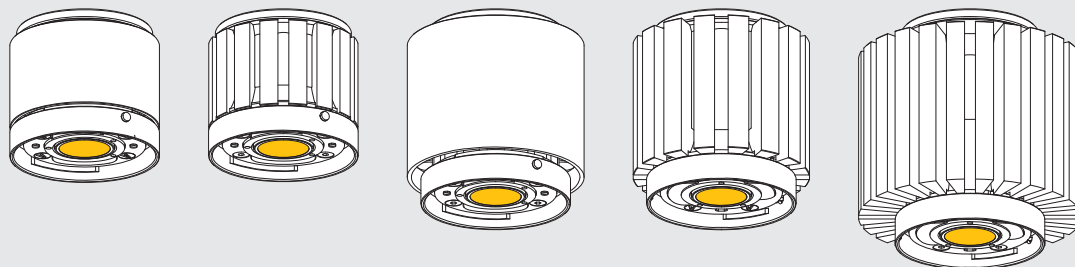
lensoptica amP is the result of a long research and development process made by Viabizzuno on a david chipperfield architects with arup, international engineering studio, design to provide electronic light sources with a high efficiency optics that can have either a focused and a diffuse light.

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.

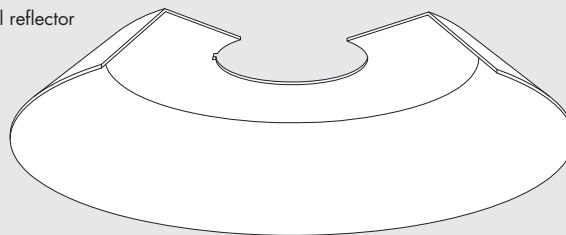
the microlens array precisely regulates the angular amplitude of the light beam.

the large emitter surface limits luminance, ensuring high visual comfort and $UGR < 19$.

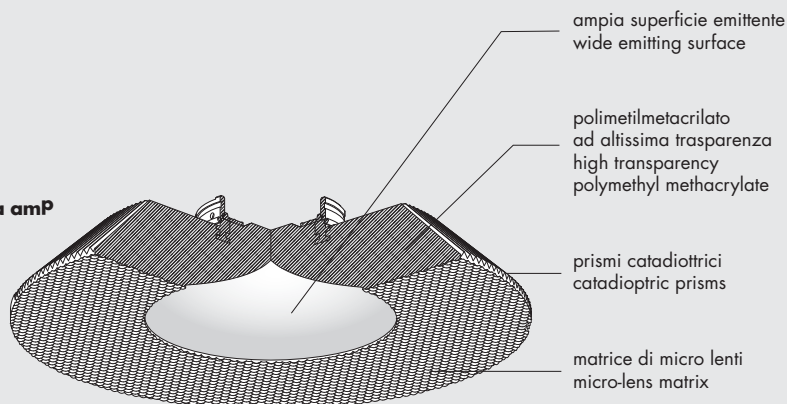
propulsore dinamico n55

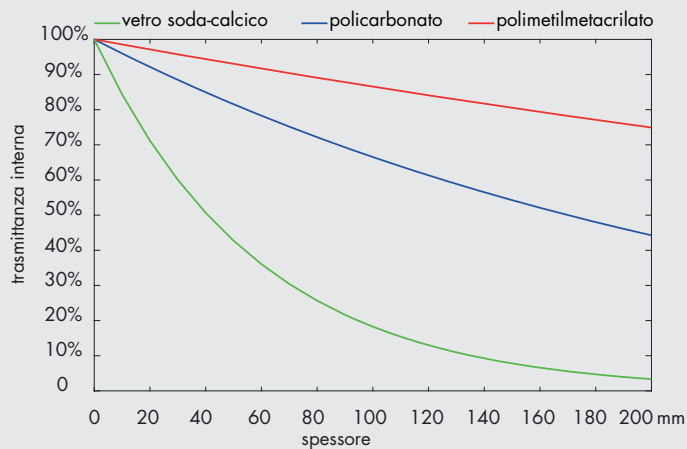


riflettore in metallo · metal reflector



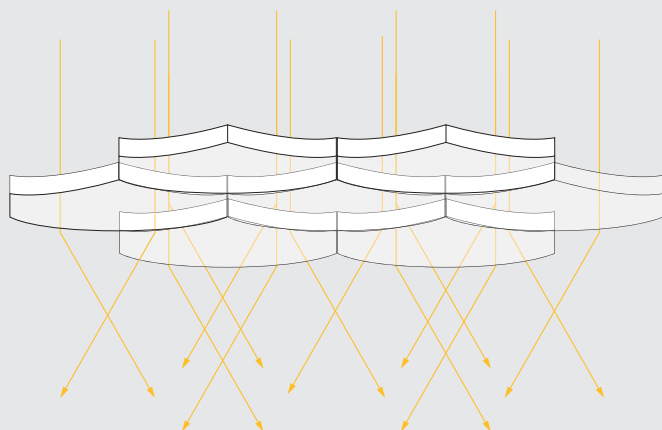
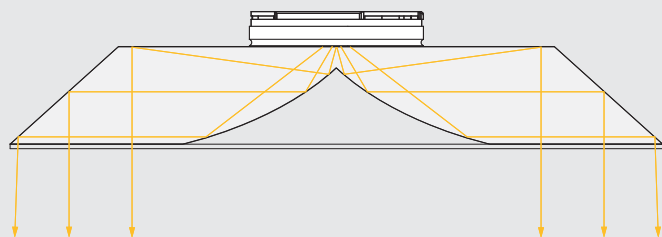
lensoptica amP





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 calcalico	0,017 mm ⁻¹
poli carbonato	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.

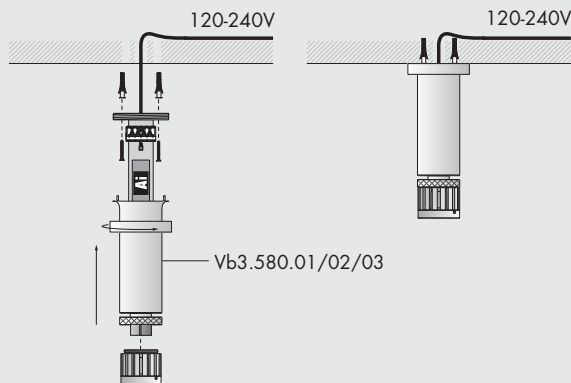
the overlap of the emissions of each microlens creates a uniform distribution of illumination.

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.

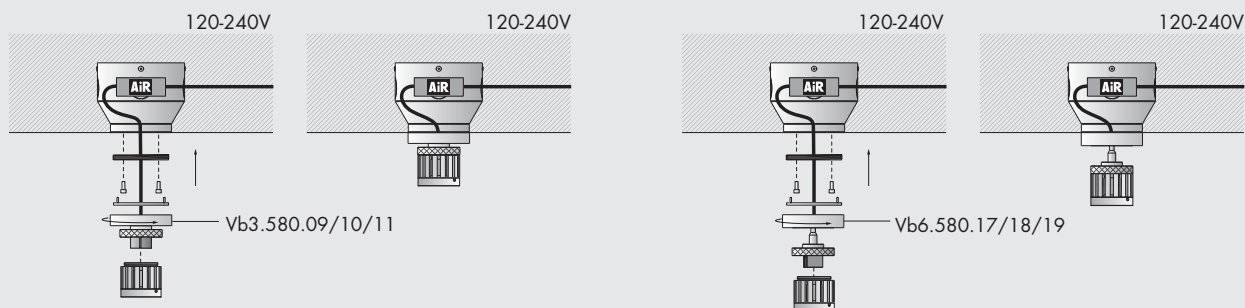




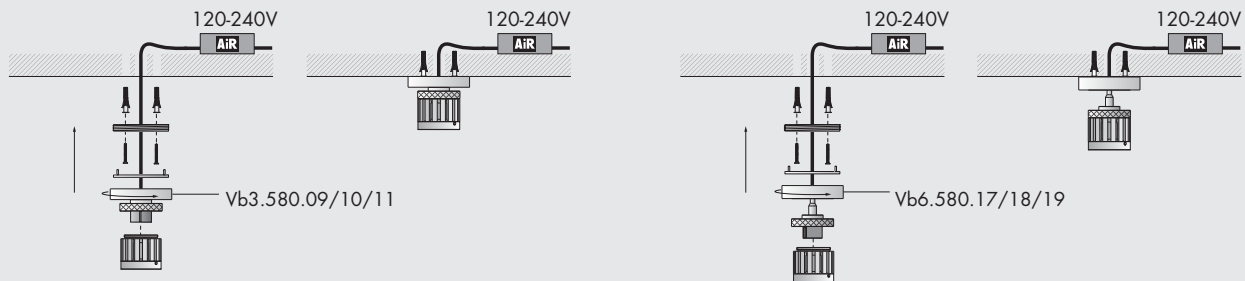
montaggio rosone con alimentatore integrato · ceiling rose mounting with integrated power supply



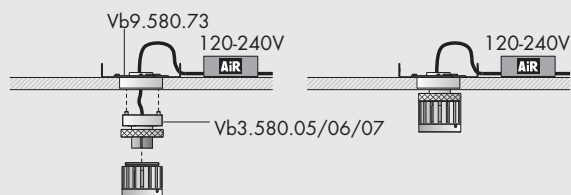
montaggio rosone con cassaforma laterizio per alimentatore · ceiling rose mounting with brick housing for power supply



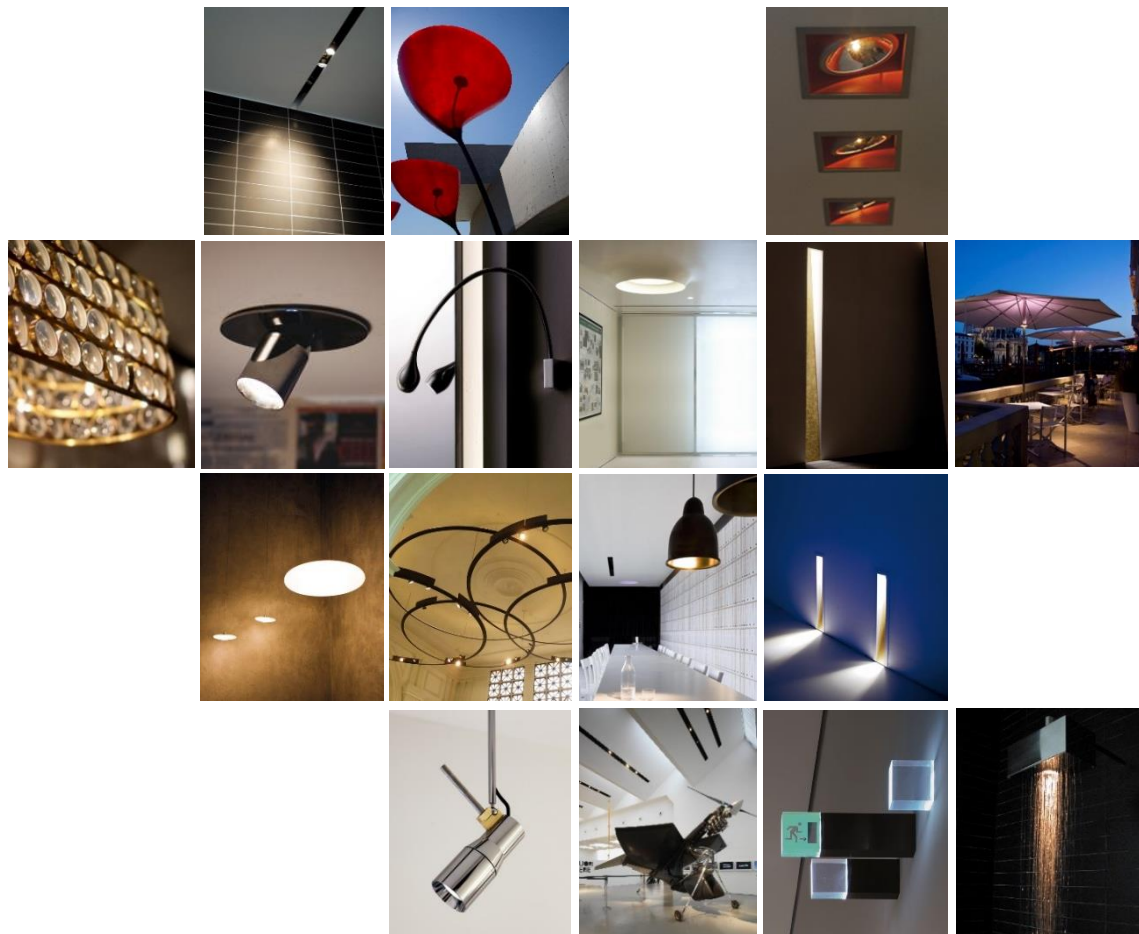
montaggio rosone con alimentatore remoto · ceiling rose mounting with remote power supply



montaggio cassaforma scomparsa totale per cartongesso con alimentatore remoto · fully concealed housing mounting for plasterboard with remote power supply







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