



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

**n5 soffitto con lampadina decorativa ajp01,
n5 soffitto con lampadina decorativa dc02,
n5 soffitto con lampadina decorativa mn01,
n5 soffitto con lampadina decorativa pz01,
n5 soffitto con lampadina decorativa pz03,
n5 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. eventuali irregolarità del vetro sono garanzia di un prodotto unico, soffiato e realizzato interamente a mano da maestri vetrai.

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.

accessori: cassaforma scomparsa totale per cartongesso e laterizio, tappi di chiusura, guarnizione con trappola di luce per vetri trasparenti; frangiluce a nido d'ape, lente ellittica, antiabbagliamento per lampadine tecniche. lampadine classiche e decorative con vetro trasparente, sabbato e bianco latte.

finiture: argento hacca, nero55.

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

versions with power supply included, to be installed remotely or with integrated power supply:

**n5 soffitto with ajp01 decorative bulb,
n5 soffitto with dc02 decorative bulb,
n5 soffitto with mn01 decorative bulb,
n5 soffitto with pz01 decorative bulb,
n5 soffitto with pz03 decorative bulb,
n5 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. any irregularities in the glass are a guarantee of a unique product, blown and entirely hand crafted by master glassmakers.

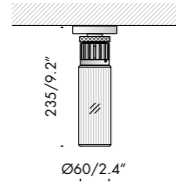
the integrated 120V 50-60Hz power supply version has a smart control which automatically provides the suitable current according to the type of propeller. the same power supply can also be ordered separately for the other versions.

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

finishes: argento hacca, nero55.

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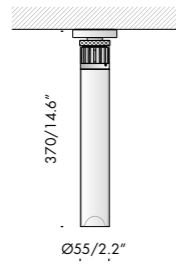




n5 soffitto ajp01 120V 50-60Hz

- Via.552.0300.u** argento hacca trasparente, rigato 2700K les19 ● n55 0,5kg
transparent, striped 1.1lb
- Via.552.0301.u** nero55 trasparente, rigato 2700K les19 ● n55 0,5kg
transparent, striped 1.1lb

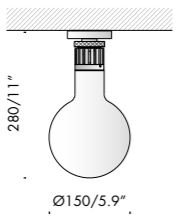
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h	L80	B10	



n5 soffitto dc02 120V 50-60Hz

- Via.552.0304.u** argento hacca sabbiato 2700K les19 ● n55 0,6kg
sanded 1.3lb
- Via.552.0305.u** nero55 sabbiato 2700K les19 ● n55 0,6kg
sanded 1.3lb

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	

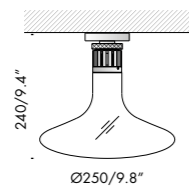


n5 soffitto mn01 120V 50-60Hz

- Via.552.0308.u** argento hacca sabbiato 2700K les19 ● n55 0,8kg
sanded 1.8lb
- Via.552.0309.u** nero55 sabbiato 2700K les19 ● n55 0,8kg
sanded 1.8lb

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	

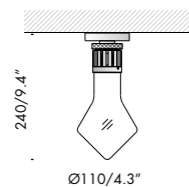




n5 soffitto pz01 120V 50-60Hz **title24** **damp**

- Via.552.0312.u** argento hacca trasparente 2700K les19 ● n55 0,8kg
transparent 1.8lb
- Via.552.0313.u** nero55 trasparente 2700K les19 ● n55 0,8kg
transparent 1.8lb

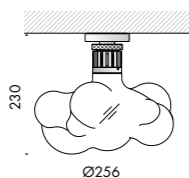
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h	L80	B10	



n5 soffitto pz03 120V 50-60Hz **title24** **damp**

- Via.552.0316.u** argento hacca trasparente 2700K les19 ● n55 0,5kg
transparent 1.1lb
- Via.552.0317.u** nero55 trasparente 2700K les19 ● n55 0,5kg
transparent 1.1lb

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	

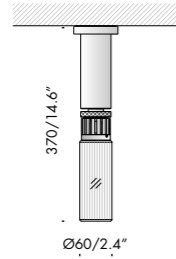


n5 soffitto wm01 120V 50-60Hz **title24** **damp**

- Via.552.0320.u** argento hacca trasparente 2700K les19 ● n55 1,0kg
transparent 2.2lb
- Via.552.0321.u** nero55 trasparente 2700K les19 ● n55 1,0kg
transparent 2.2lb

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	



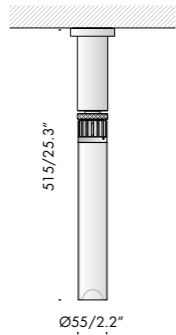


n5 soffitto ajp01 120V 50-60Hz **A1** title24 damp df pr i

Via.552.0324 argento hacca trasparente, rigato 2700K les19 ● n55 0,5kg
transparent, striped 1.1lb

Via.552.0325 nero55 trasparente, rigato 2700K les19 ● n55 0,5kg
transparent, striped 1.1lb

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	

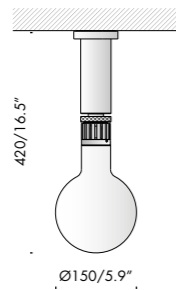


n5 soffitto dc02 120V 50-60Hz **A1** title24 damp df pr i

Via.552.0328 argento hacca sabbiato 2700K les19 ● n55 0,7kg
sanded 1.5lb

Via.552.0329 nero55 sabbiato 2700K les19 ● n55 0,7kg
sanded 1.5lb

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	



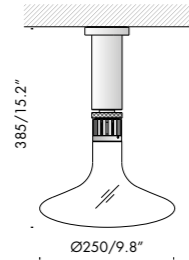
n5 soffitto mn01 120V 50-60Hz **A1** title24 damp df pr i

Via.552.0332 argento hacca sabbiato 2700K les19 ● n55 0,7kg
sanded 1.5lb

Via.552.0333 nero55 sabbiato 2700K les19 ● n55 0,7kg
sanded 1.5lb

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	

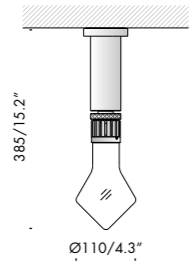




n5 soffitto pz01 120V 50-60Hz **A1** title24 damp df pr

- Via.552.0336** argento hacca trasparente 2700K les19 ● n55 0,8kg
transparent 1.8lb
- Via.552.0337** nero55 trasparente 2700K les19 ● n55 0,8kg
transparent 1.8lb

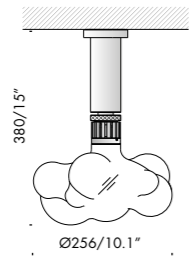
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h	L80	B10	



n5 soffitto pz03 120V 50-60Hz **A1** title24 damp df pr

- Via.552.0340** argento hacca trasparente 2700K les19 ● n55 0,6kg
transparent 1.3lb
- Via.552.0341** nero55 trasparente 2700K les19 ● n55 0,6kg
transparent 1.3lb

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	



n5 soffitto wm01 120V 50-60Hz **A1** title24 damp df pr

- Via.552.0344** argento hacca trasparente 2700K les19 ● n55 1,0kg
transparent 2.2lb
- Via.552.0345** nero55 trasparente 2700K les19 ● n55 1,0kg
transparent 2.2lb

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	



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*diffusore decorativo
decorative diffuser*



*diffusore tecnico
technical diffuser*



*diffusore classico
classic diffuser*

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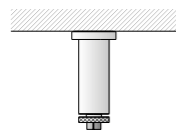
1. scegli l'interfaccia
choose the interface

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

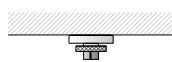
3. scegli il tuo diffusore classico, decorativo e tecnico
choose your classic, decorative and technical diffuser


n5 soffitto

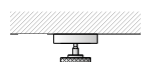
n5 soffitto a.i. 
alimentatore integrato
integrated power supply




n5 soffitto a.r. 
alimentatore remoto
remote power supply



n5 soffitto orientabile a.r. 
alimentatore remoto
remote power supply




n5 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
1240lm
9,7W
128lm/W




55/350 

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




55/500 

les19 
500mA
1580lm
14W
113lm/W




55/500 

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




65/500e 



les19 
500mA
1580lm
14W
113lm/W




65/700 

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



65/700 

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



82/1050 

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



**diffusore classico
classic diffuser**

hm01 





hm02 



**diffusore decorativo
decorative diffuser**

mn01 





mn02 



mn06 



mn07 



dc01 




dc02 



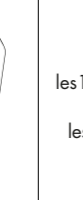
dc03 



dc04 



tc01 



pz01 



pz02 



pz03 



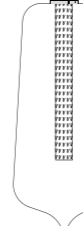
ddp01 



mk01 



mk02 



gt01 




kk01 



ml01 



oma03 



oma02 



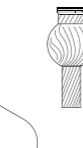
rdai01 



ms02 



ms03 



ms04 



wm01 



ajp01 



nh01 



nh02 





**diffusore tecnico
technical diffuser**

spot35 





les19 
87°

les9 

spot55x37 



les19 
30° 38°

les9 
18° 23° 36°

spot55x61 



les19 
36° 47°



les9 

spot82x35 



les19 
31° 42°

les9 
13° 19° 23° 35°

spot82x79 



les19 
23° 37° 46°

les9 

spot100 




les19 
16° 25° 40° 54°

les9 
10° 22°

lensoptica amP150 



les19 
22° 51°

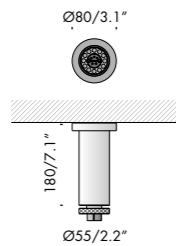
les9 
13°

lensoptica amP180 

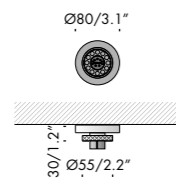


les19 
15° 41° 53° 20°x55°

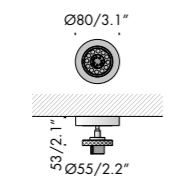
les9 
10°



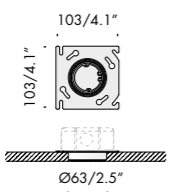
n5 soffitto a.i.		120V 50-60Hz	A1	title24	damp				i
Vb3.580.01	argento hacca			350÷1050mA	n55			0,3kg 0.7lb	
Vb3.580.02	nero55			350÷1050mA	n55			0,3kg 0.7lb	
Vb3.580.03	my bianco			350÷1050mA	n55			0,3kg 0.7lb	



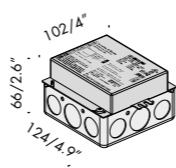
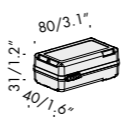
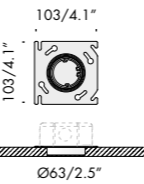
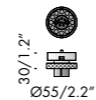
n5 soffitto a.r.			A1	title24	damp				i
Vb3.580.09	argento hacca				n55			0,4kg 0.9lb	
Vb3.580.10	nero55				n55			0,4kg 0.9lb	
Vb3.580.11	my bianco				n55			0,4kg 0.9lb	



n5 soffitto orientabile a.r.			A1	title24	damp				i
Vb6.580.17	argento hacca				n55			0,4kg 0.9lb	
Vb6.580.18	nero55				n55			0,4kg 0.9lb	
Vb6.580.19	my bianco				n55			0,4kg 0.9lb	



copertura per outlet box. cover for outlet box									i
Vb9.000.01.u	scomparsa totale cartongesso fully concealed for plasterboard installation							0,3kg 0.7lb	



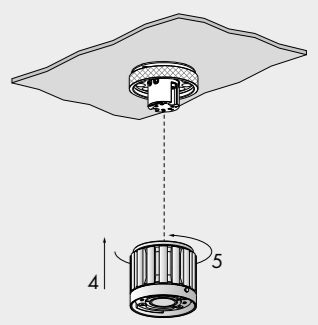
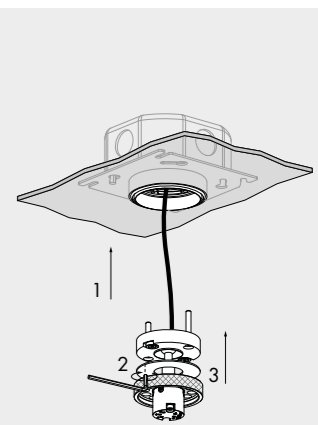
n5 soffitto scomparsa totale a.r.			A1	title24	damp				i
Vb3.580.05	argento hacca				n55			0,2kg 0.4lb	
Vb3.580.06	nero55				n55			0,2kg 0.4lb	
Vb3.580.07	my bianco				n55			0,2kg 0.4lb	

copertura per outlet box. cover for outlet box									i
Vb9.000.01.u	scomparsa totale cartongesso fully concealed for plasterboard installation							0,1kg 0.2lb	

alimentatore. power supply.			A1		dry				i
Vb9.580.80	alimentatore elettronico con controllo intelligente electronic power supply with smart control	350÷1050mA			max 34W			0,2kg 0.4lb	

alimentatori. power supplies.		120V 50-60Hz	A		dry				i
t4.620.u		350mA			15÷38V	13W		0,9kg 1.9lb	
t4.621.u		500mA			15÷38V	19W		0,9kg 1.9lb	
t4.622.u		700mA			15÷38V	27W		0,9kg 1.9lb	
t4.623.u		1050mA			15÷38V	40W		0,9kg 1.9lb	

accessori scomparsa totale. fully concealed accessories.									i
Vb9.580.83	tappo di chiusura · end cap				argento hacca			0,1kg 0.2lb	
Vb9.580.84	tappo di chiusura · end cap				nero55			0,1kg 0.2lb	
Vb9.580.85	tappo di chiusura · end cap				my bianco			0,1kg 0.2lb	





propulsore dinamico 55/350e									
Vb9.580.150.27	argento hacca	2700K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.151.27	nero55	2700K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.152.27	my bianco	2700K	les19 ●	n55	0,2kg 0.4lb				

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 ●	n55	0,2kg 0.4lb				
Vb9.580.151.30	nero55	3000K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.152.30	my bianco	3000K	les19 ●	n55	0,2kg 0.4lb				

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 ●	n55	0,2kg 0.4lb				
Vb9.580.151.30v	nero55	3000VbK	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.152.30v	my bianco	3000VbK	les19 ●	n55	0,2kg 0.4lb				

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



propulsore dinamico 55/350									
Vb9.580.50.27	argento hacca	2700K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.51.27	nero55	2700K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.52.27	my bianco	2700K	les19 ●	n55	0,2kg 0.4lb				

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 ●	n55	0,2kg 0.4lb				
Vb9.580.51.30	nero55	3000K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.52.30	my bianco	3000K	les19 ●	n55	0,2kg 0.4lb				

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 ●	n55	0,2kg 0.4lb				
Vb9.580.51.30v	nero55	3000VbK	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.52.30v	my bianco	3000VbK	les19 ●	n55	0,2kg 0.4lb				

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									
Vb9.580.62.27	argento hacca	2700K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.63.27	nero55	2700K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.64.27	my bianco	2700K	les19 ●	n55	0,2kg 0.4lb				

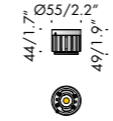
Ra	R9	ies tm-30		sdcm	mA	V _{f(min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.62.30	argento hacca	3000K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.63.30	nero55	3000K	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.64.30	my bianco	3000K	les19 ●	n55	0,2kg 0.4lb				

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 ●	n55	0,2kg 0.4lb				
Vb9.580.63.30v	nero55	3000VbK	les19 ●	n55	0,2kg 0.4lb				
Vb9.580.64.30v	my bianco	3000VbK	les19 ●	n55	0,2kg 0.4lb				

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



propulsore dinamico 55/500									
Vb9.580.101.27	argento hacca	2700K	les9 ●	n55	0,2kg 0.4lb				
Vb9.580.102.27	nero55	2700K	les9 ●	n55	0,2kg 0.4lb				
Vb9.580.103.27	my bianco	2700K	les9 ●	n55	0,2kg 0.4lb				

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 ●	n55	0,2kg 0.4lb				
Vb9.580.102.30	nero55	3000K	les9 ●	n55	0,2kg 0.4lb				
Vb9.580.103.30	my bianco	3000K	les9 ●	n55	0,2kg 0.4lb				

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 ●	n55	0,2kg 0.4lb				
Vb9.580.102.30v	nero55	3000VbK	les9 ●	n55	0,2kg 0.4lb				
Vb9.580.103.30v	my bianco	3000VbK	les9 ●	n55	0,2kg 0.4lb				

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



propulsore dinamico 65/500e									
Vb9.580.154.27	argento hacca	2700K	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.155.27	nero55	2700K	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.156.27	my bianco	2700K	les19 ●	n55	0,3kg 0.7lb				

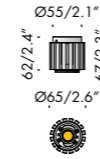
Ra	R9	ies tm-30		sdcm	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h	L80	B10	

Vb9.580.154.30	argento hacca	3000K	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.155.30	nero55	3000K	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.156.30	my bianco	3000K	les19 ●	n55	0,3kg 0.7lb				

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 ●	n55	0,3kg 0.7lb				
Vb9.580.155.30v	nero55	3000VbK	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.156.30v	my bianco	3000VbK	les19 ●	n55	0,3kg 0.7lb				

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



propulsore dinamico 65/700									
Vb9.580.54.27	argento hacca	2700K	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.55.27	nero55	2700K	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.56.27	my bianco	2700K	les19 ●	n55	0,3kg 0.7lb				

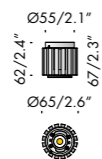
Ra	R9	ies tm-30		sdcm	mA	V _{f (min)}	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h	L80	B10	

Vb9.580.54.30	argento hacca	3000K	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.55.30	nero55	3000K	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.56.30	my bianco	3000K	les19 ●	n55	0,3kg 0.7lb				

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 ●	n55	0,3kg 0.7lb				
Vb9.580.55.30v	nero55	3000VbK	les19 ●	n55	0,3kg 0.7lb				
Vb9.580.56.30v	my bianco	3000VbK	les19 ●	n55	0,3kg 0.7lb				

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									
Vb9.580.106.27	argento hacca	2700K	les9 ●	n55	0,3kg 0.7lb				
Vb9.580.107.27	nero55	2700K	les9 ●	n55	0,3kg 0.7lb				
Vb9.580.108.27	my bianco	2700K	les9 ●	n55	0,3kg 0.7lb				

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 ●	n55	0,3kg 0.7lb				
Vb9.580.107.30	nero55	3000K	les9 ●	n55	0,3kg 0.7lb				
Vb9.580.108.30	my bianco	3000K	les9 ●	n55	0,3kg 0.7lb				

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 ●	n55	0,3kg 0.7lb				
Vb9.580.107.30v	nero55	3000VbK	les9 ●	n55	0,3kg 0.7lb				
Vb9.580.108.30v	my bianco	3000VbK	les9 ●	n55	0,3kg 0.7lb				

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									
Vb9.580.58.27	argento hacca	2700K	les19 ●	n55	0,5kg 1.1lb				
Vb9.580.59.27	nero55	2700K	les19 ●	n55	0,5kg 1.1lb				
Vb9.580.60.27	my bianco	2700K	les19 ●	n55	0,5kg 1.1lb				

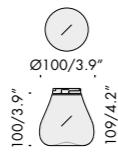
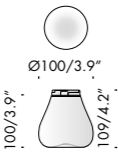
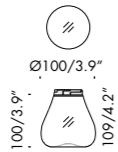
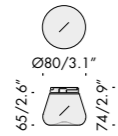
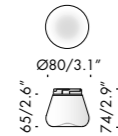
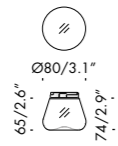
Ra	R9	ies tm-30		sdcm	mA	V _f (min)	lm	W	lm/W
98	98	Rf 96	Rg 103	step 1	1050	29,0	3000	30,5	98
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10	

Vb9.580.58.30	argento hacca	3000K	les19 ●	n55	0,5kg 1.1lb				
Vb9.580.59.30	nero55	3000K	les19 ●	n55	0,5kg 1.1lb				
Vb9.580.60.30	my bianco	3000K	les19 ●	n55	0,5kg 1.1lb				

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 ●	n55	0,5kg 1.1lb				
Vb9.580.59.30v	nero55	3000VbK	les19 ●	n55	0,5kg 1.1lb				
Vb9.580.60.30v	my bianco	3000VbK	les19 ●	n55	0,5kg 1.1lb				

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	



marionanni



Vb9.580.01.t hm01 trasparente · transparent n55 0,5kg
1.1lb

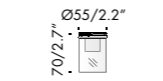
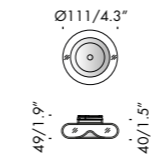
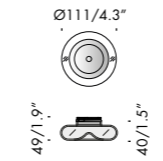
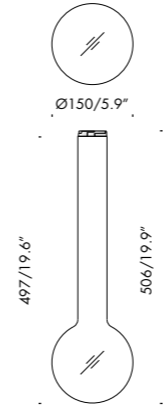
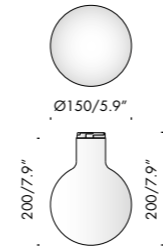
Vb9.580.01.s hm01 sabbiata · sanded n55 0,5kg
1.1lb

Vb9.580.01.b hm01 bianco latte · milk white n55 0,5kg
1.1lb

Vb9.580.02.t hm02 trasparente · transparent n55 0,1kg
0.2lb

Vb9.580.02.s hm02 sabbiata · sanded n55 0,1kg
0.2lb

Vb9.580.02.b hm02 bianco latte · milk white n55 0,1kg
0.2lb



Vb9.580.03.s mn01 sabbiato · sanded n55 0,3kg
0.7lb

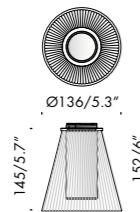
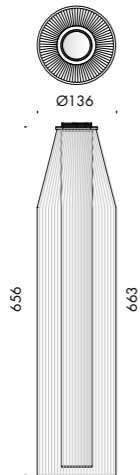
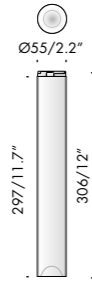
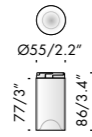
Vb9.580.04.t mn02 trasparente · transparent n55 0,3kg
0.7lb

Vb9.580.173.b mn06 tabacchiera
bianco satinato · white frosted n55 0,1kg
0.2lb

Vb9.580.173.cr mn06 tabacchiera
trasparente cromata · transparent chromed n55 0,1kg
0.2lb

Vb9.580.178 mn07 trasparente sabbiato · transparent sanded n55 0,1kg
0.2lb





david chipperfield

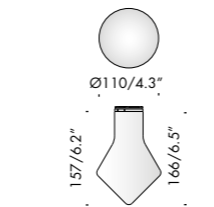
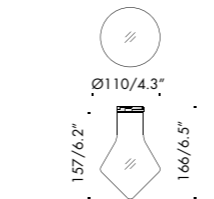
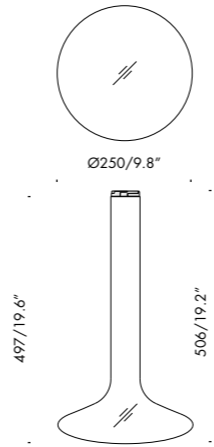
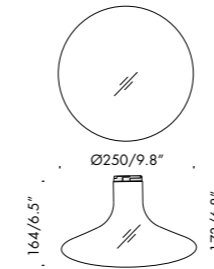


Vb9.580.05.s dc01 sabbaiato · sanded n55 0,1kg
0.2lb

Vb9.580.06.s dc02 sabbaiato · sanded n55 0,3kg
0.7lb

Vb9.580.19.tr dc03 trasparente, rigato
transparent, striped n55 0,7kg
1.5lb

Vb9.580.20.tr dc04 trasparente, rigato e sabbaiato
transparent, striped and sanded n55 0,3kg
0.7lb



peter zumthor



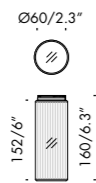
Vb9.580.08.t pz01 trasparente · transparent n55 0,3kg
0.7lb

Vb9.580.10.t pz02 trasparente · transparent n55 0,6kg
1.3lb

Vb9.580.11.t pz03 trasparente · transparent n55 0,2kg
0.4lb

Vb9.580.11.s pz03 sabbaiato · sanded n55 0,2kg
0.4lb

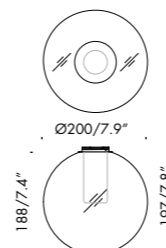




al-jawad pike

Vb9.580.18.tr aip01 trasparente, rigato
transparent, striped

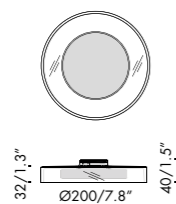
n55 0,2kg
0.4lb



oma

Vb9.580.14.t oma02 trasparente · transparent

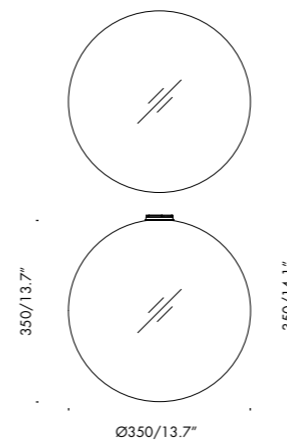
n55 0,4kg
0.8lb



neri&hu

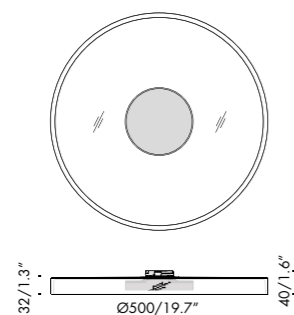
Vb9.580.116.ts nh01 trasparente, sabbaiato
transparent, sanded

n55 1,2kg
2.6lb



Vb9.580.15.t oma03 trasparente · transparent

n55 1,4kg
3.1lb



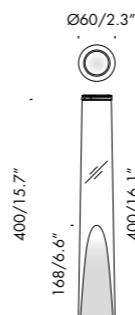
Vb9.580.117.ts nh02 trasparente, sabbaiato
transparent, sanded

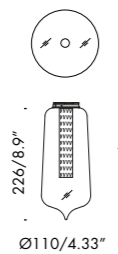
n55 2kg
4.4lb

domenico de palo

Vb9.580.114.t ddp01 trasparente, sabbaiato
transparent, sanded

n55 0,4kg
0.8lb



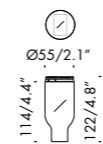


marcio kogan



Vb9.580.111.t mk01 trasparente · transparent

n55 0,4kg
0.8lb

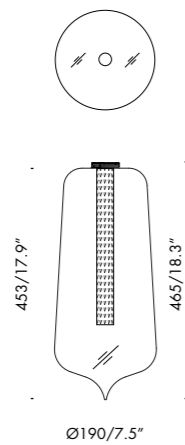


kengo kuma



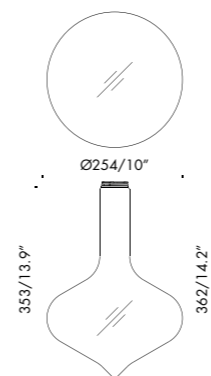
Vb9.580.07.c kk01 cristallo · crystal

n55 0,3kg
0.7lb



Vb9.580.112.t mk02 trasparente · transparent

n55 1,8kg
4lb



rdai



Vb9.580.12.t rdai01 trasparente · transparent

n55 0,6kg
1.3lb



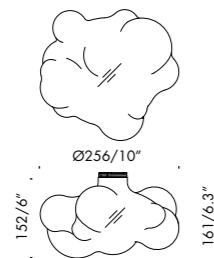
tzach cohen





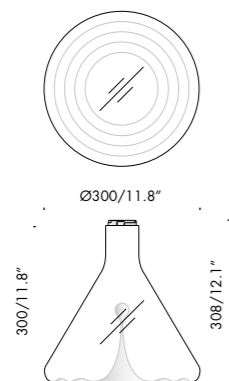
Vb9.580.180.ts tc01 trasparente, sabbato
transparent, sanded



n55 0,4kg
0.8lb

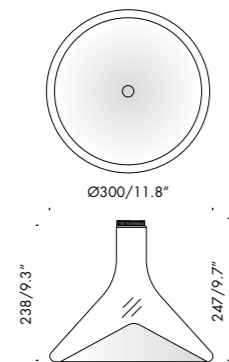






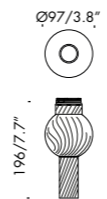
winy maas  
Vb9.580.09.t wm01 trasparente · transparent n55 0,6kg
 1.3lb





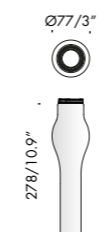
max lam  
Vb9.580.13.t ml01 trasparente · transparent n55 1,4kg
 3.1lb



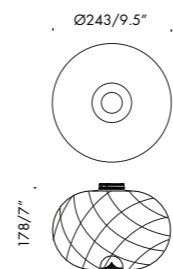
gio tiroto  
Vb9.580.17.t gt01 trasparente, sabbato
 transparent, sanded n55 1kg
 2.2lb



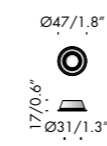
mirko spaccapanico  
Vb9.580.175.t ms02 trasparente · transparent n55 0,3kg
 0.7lb





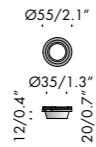
Vb9.580.176.t ms03 trasparente · transparent n55 0,3kg
 0.7lb



Vb9.580.177.t ms04 trasparente · transparent n55 0,3kg
 0.7lb



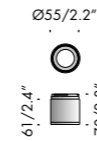
accessori per lampadina trasparente. transparent bulb accessories.  
Vb9.580.160 trappola di luce antiabbagliamento nero
 anti-glare black light trap 0,03kg
 0.07lb



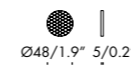
spot35					
Vb9.580.21	argento hacca	87° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.22	nero55	87° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.22.b	my bianco	87° les19 ●	n55	0,1kg 0.2lb	



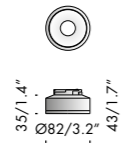
spot55x37					
Vb9.580.121	argento hacca	18° les9 ●	n55	0,1kg 0.2lb	
Vb9.580.122	nero55	18° les9 ●	n55	0,1kg 0.2lb	
Vb9.580.122.b	my bianco	18° les9 ●	n55	0,1kg 0.2lb	
Vb9.580.123	argento hacca	23° les9 ● 30° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.124	nero55	23° les9 ● 30° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.124.b	my bianco	23° les9 ● 30° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.125	argento hacca	36° les9 ● 38° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.126	nero55	36° les9 ● 38° les19 ●	n55	0,1kg 0.2lb	
Vb9.580.126.b	my bianco	36° les9 ● 38° les19 ●	n55	0,1kg 0.2lb	



spot55x61					
Vb9.580.25	argento hacca	36° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.26	nero55	36° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.26.b	my bianco	36° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.27	argento hacca	47° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.28	nero55	47° les19 ●	n55	0,2kg 0.4lb	
Vb9.580.28.b	my bianco	47° les19 ●	n55	0,2kg 0.4lb	



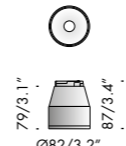
accessori spot55. accessories.			
Vb9.580.91	frangiluce nido d'ape · honeycomb louvre		0,01kg 0.02lb
Vb9.580.92	lente ellittica · elliptical lens		0,04kg 0.09lb



spot82x35



Vb9.580.131	argento hacca	13° les9 ●	n55	0,1kg 0.2lb
Vb9.580.132	nero55	13° les9 ●	n55	0,1kg 0.2lb
Vb9.580.137	my bianco	13° les9 ●	n55	0,1kg 0.2lb
Vb9.580.133	argento hacca	19° les9 ●	n55	0,1kg 0.2lb
Vb9.580.134	nero55	19° les9 ●	n55	0,1kg 0.2lb
Vb9.580.138	my bianco	19° les9 ●	n55	0,1kg 0.2lb
Vb9.580.135	argento hacca	23° les9 ● 31° les19 ●	n55	0,1kg 0.2lb
Vb9.580.136	nero55	23° les9 ● 31° les19 ●	n55	0,1kg 0.2lb
Vb9.580.141	my bianco	23° les9 ● 31° les19 ●	n55	0,1kg 0.2lb
Vb9.580.139	argento hacca	35° les9 ● 42° les19 ●	n55	0,1kg 0.2lb
Vb9.580.140	nero55	35° les9 ● 42° les19 ●	n55	0,1kg 0.2lb
Vb9.580.142	my bianco	35° les9 ● 42° les19 ●	n55	0,1kg 0.2lb



spot82x79

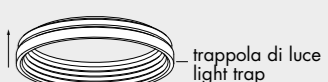
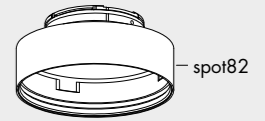
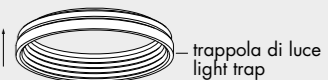
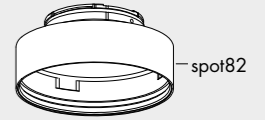
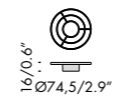
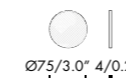
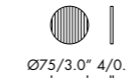


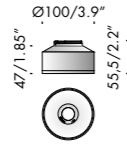
Vb9.580.31	argento hacca	23° les19 ●	n55	0,2kg 0.4lb
Vb9.580.32	nero55	23° les19 ●	n55	0,2kg 0.4lb
Vb9.580.32.b	my bianco	23° les19 ●	n55	0,2kg 0.4lb
Vb9.580.33	argento hacca	37° les19 ●	n55	0,2kg 0.4lb
Vb9.580.34	nero55	37° les19 ●	n55	0,2kg 0.4lb
Vb9.580.34.b	my bianco	37° les19 ●	n55	0,2kg 0.4lb
Vb9.580.35	argento hacca	46° les19 ●	n55	0,2kg 0.4lb
Vb9.580.36	nero55	46° les19 ●	n55	0,2kg 0.4lb
Vb9.580.36.b	my bianco	46° les19 ●	n55	0,2kg 0.4lb

accessori spot82. accessories.



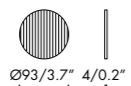
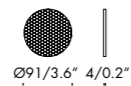
Vb9.580.86	frangiluce nido d'ape · honeycomb louvre	0,01kg 0.02lb
Vb9.580.87	lente ellittica · elliptical lens	0,05kg 0.11lb
Vb9.580.88	vetro albarino · albarino glass	0,05kg 0.11lb
Vb9.580.165	anti abbagliamento · anti-glare	0,03kg 0.07lb

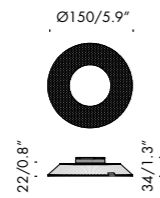




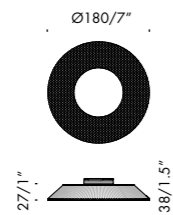
spot100				Ⓜ	i
Vb9.580.37	argento hacca	10° les9 ●	16° les19 ●	n55	0,1kg 0.2lb
Vb9.580.38	nero55	10° les9 ●	16° les19 ●	n55	0,1kg 0.2lb
Vb9.580.38.b	my bianco	10° les9 ●	16° les19 ●	n55	0,1kg 0.2lb
Vb9.580.39	argento hacca	22° les9 ●	25° les19 ●	n55	0,1kg 0.2lb
Vb9.580.40	nero55	22° les9 ●	25° les19 ●	n55	0,1kg 0.2lb
Vb9.580.40.b	my bianco	22° les9 ●	25° les19 ●	n55	0,1kg 0.2lb
Vb9.580.41	argento hacca		40° les19 ●	n55	0,1kg 0.2lb
Vb9.580.42	nero55		40° les19 ●	n55	0,1kg 0.2lb
Vb9.580.42.b	my bianco		40° les19 ●	n55	0,1kg 0.2lb
Vb9.580.43	argento hacca		54° les19 ●	n55	0,1kg 0.2lb
Vb9.580.44	nero55		54° les19 ●	n55	0,1kg 0.2lb
Vb9.580.44.b	my bianco		54° les19 ●	n55	0,1kg 0.2lb

accessori spot100. accessories.			Ⓜ	i
Vb9.580.93	frangiluce nido d'ape · honeycomb louvre			0,1kg 0.2lb
Vb9.580.94	lente ellittica · elliptical lens			0,05kg 0.11lb

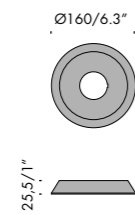




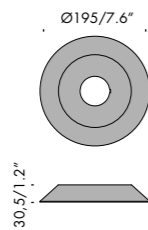
lensoptica amP150					
Vb9.518.91	fascio stretto narrow beam	13° 22°	les9 ● les19 ●	n55	0,3kg 0.7lb
Vb9.518.92	fascio largo wide beam	51°	les19 ●	n55	0,3kg 0.7lb



lensoptica amP180					
Vb9.518.81	fascio stretto narrow beam	10° 15°	les9 ● les19 ●	n55	0,6kg 1.3lb
Vb9.518.82	fascio medio medium beam	41°	les19 ●	n55	0,6kg 1.3lb
Vb9.518.83	fascio largo wide beam	53°	les19 ●	n55	0,6kg 1.3lb
Vb9.518.84	fascio ellittico elliptical beam	20°x55°	les19 ●	n55	0,6kg 1.3lb



riflettore in metallo 150		
Vb9.518.95.n	nero55	0,1kg 0.2lb
Vb9.518.95.mb	my bianco	0,1kg 0.2lb
Vb9.518.95.h	argento hacca	0,1kg 0.2lb



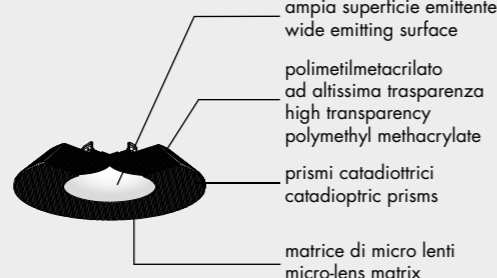
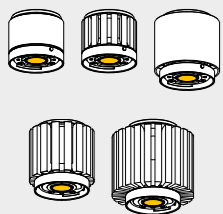
riflettore in metallo 180		
Vb9.518.96.n	nero55	0,1kg 0.2lb
Vb9.518.96.mb	my bianco	0,1kg 0.2lb
Vb9.518.96.h	argento hacca	0,1kg 0.2lb



propulsore dinamico n55

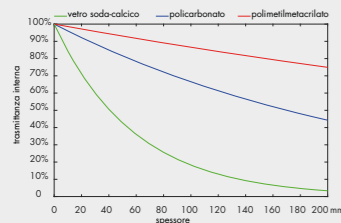
riflettore in metallo · metal reflector

lensoptica amP



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

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 $T_{(x)} = e^{-\alpha x}$



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 characteristic 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.
the emitting surface of **lensoptica amP** 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 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 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.

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.

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.

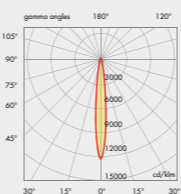
lensoptica amP is the result of a long research and development process made by Viabizzuno on a david chipperfield architects with arup, international engineering studio, design to provide electronic light sources with a high efficiency optics that can have either a focused and a diffuse light.

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.

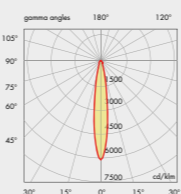
the microlens array precisely regulates the angular amplitude of the light beam.

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

lensoptica amP150
13° les9 ●
fascio stretto · narrow beam



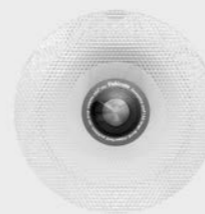
lensoptica amP180
15° les19 ●
fascio stretto · narrow beam



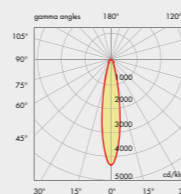
lensoptica amP150
fascio stretto · narrow beam



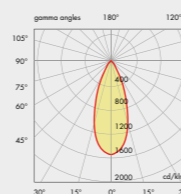
lensoptica amP150
fascio largo · wide beam



lensoptica amP150 22°
les19 ●
fascio stretto · narrow beam



lensoptica amP180 41°
les19 ●
fascio medio · medium beam



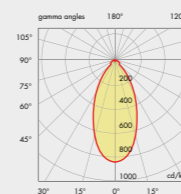
lensoptica amP180
fascio stretto · narrow beam



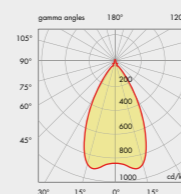
lensoptica amP180
fascio largo · wide beam



lensoptica amP150 51°
les19 ●
fascio largo · wide beam



lensoptica amP180 53°
les19 ●
fascio largo · wide beam



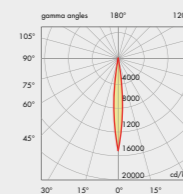
lensoptica amP180
fascio medio · medium beam



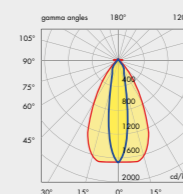
lensoptica amP180
fascio ellittico · elliptical beam



lensoptica amP180 10°
les9 ●
fascio stretto · narrow beam



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



lensoptica amP
installazione · mounting

