

n55® parete soffitto

mario nanni 2014



brevettato · patented



apparecchio di illuminazione a parete e soffitto per interni IP20 realizzato con supporto in alluminio ossidato 102x160x70mm.

modelli:

n55 parete soffitto con lampadina classica hm02,

n55 parete soffitto con lampadina decorativa dc01,

n55 parete soffitto con lampadina decorativa wm01,

n55 parete soffitto con lampadina decorativa pz01,

n55 parete soffitto con lampadina decorativa pz03,

n55 parete soffitto con lampadina decorativa ajp01.

cablato con propulsore dinamico n55 55/350e les19 9,7W 350mA 1240lm Ra98 1 step macadam.

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

alimentatore 120-240V incluso, a controllo intelligente che regola automaticamente la corrente al tipo di propulsore.

finiture: argento hacca, nero55.

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

IP20 rated wall and ceiling light fitting for indoor use with a 102x160x70mm oxidised aluminium support.

versions:

n55 parete soffitto with hm02 classic bulb,

n55 parete soffitto with dc01 decorative bulb,

n55 parete soffitto with wm01 decorative bulb,

n55 parete soffitto with pz01 decorative bulb,

n55 parete soffitto with pz03 decorative bulb,

n55 parete soffitto with ajp01 decorative bulb.

wired with propulsore dinamico n55 cablato con propulsore dinamico n55 55/350e les19 9.7W 350mA 1240lm Ra98 1 step macadam.

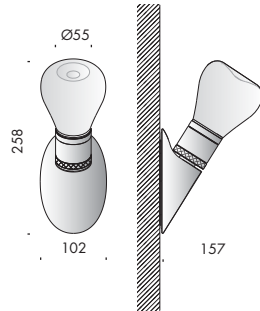
the specific n55 lamp-holder allows to change three types of light bulbs: classic, decorative and technical.

120-240V power supply included, with smart control which automatically provides the suitable current according to the type of propeller.

finishes: argento hacca, nero55.

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

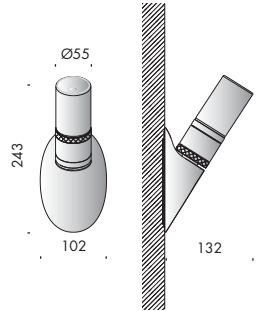




n55 parete soffitto hm02 120-240V 50-60Hz **Ai** **IP20** **Pr** **CE** **i**

Via.552.0204 argento hacca sabbiato · sanded 2700K les19 ● 0,6
Via.552.0205 nero55 sabbiato · sanded 2700K les19 ● 0,6

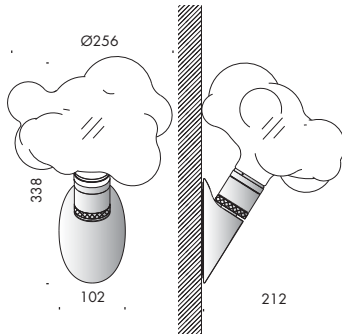
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128	A++
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10		



n55 parete soffitto dc01 120-240V 50-60Hz **Ai** **IP20** **Pr** **CE** **i**

Via.552.0200 argento hacca sabbiato · sanded 2700K les19 ● 0,6
Via.552.0201 nero55 sabbiato · sanded 2700K les19 ● 0,6

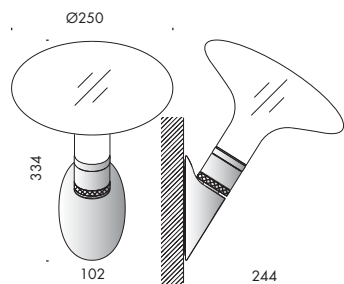
Ra	R9	ies tm-30		sdc	mA	V _f (min)	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128	A++
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10		



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

Via.552.0216 argento hacca trasparente · transparent 2700K les19 ● 1,1
Via.552.0217 nero55 trasparente · transparent 2700K les19 ● 1,1

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		

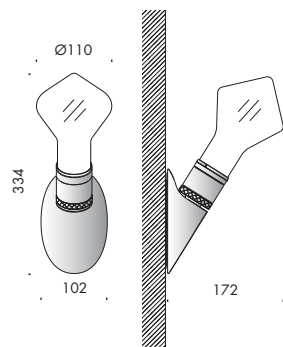


n55 parete soffitto pz01 120-240V 50-60Hz **Ai** **IP20** **PR** **CE** **i**

Via.552.0208 argento hacca trasparente · transparent 2700K les19 ● 0,9

Via.552.0209 nero55 trasparente · transparent 2700K les19 ● 0,9

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		

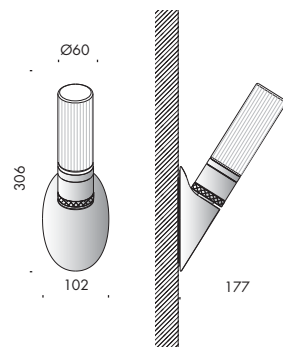


n55 parete soffitto pz03 120-240V 50-60Hz **Ai** **IP20** **PR** **CE** **i**

Via.552.0212 argento hacca trasparente · transparent 2700K les19 ● 0,7

Via.552.0213 nero55 trasparente · transparent 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	350	27,6	1240	9,7	128	A++
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10		



n55 parete soffitto ajp01 120-240V 50-60Hz **Ai** **IP20** **PR** **CE** **i**

Via.552.0220 argento hacca trasparente, rigato transparent, striped 2700K les19 ● 0,7

Via.552.0221 nero55 trasparente, rigato transparent, striped 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	350	27,6	1240	9,7	128	A++
xm000	les19 ●	Ta25 °C		vita media · average life		70000 h		L80 B10		









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lampadine classiche
classic bulbs

lampadine decorative
decorative bulbs

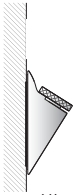


lampadine tecniche
technical bulbs

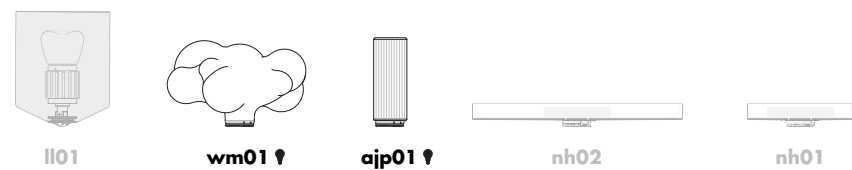
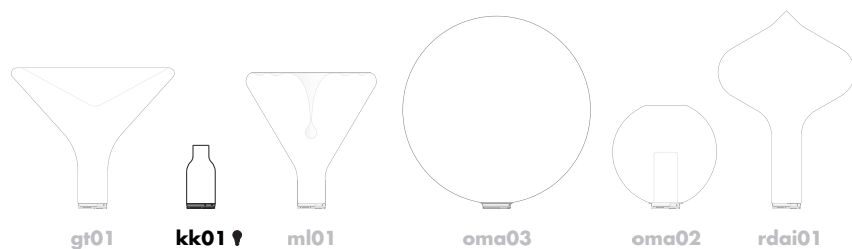
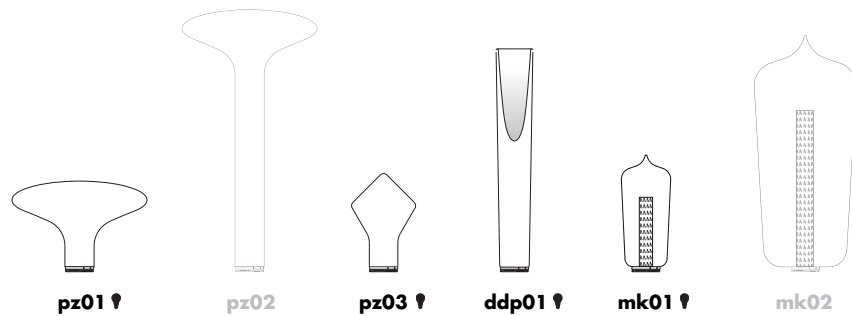
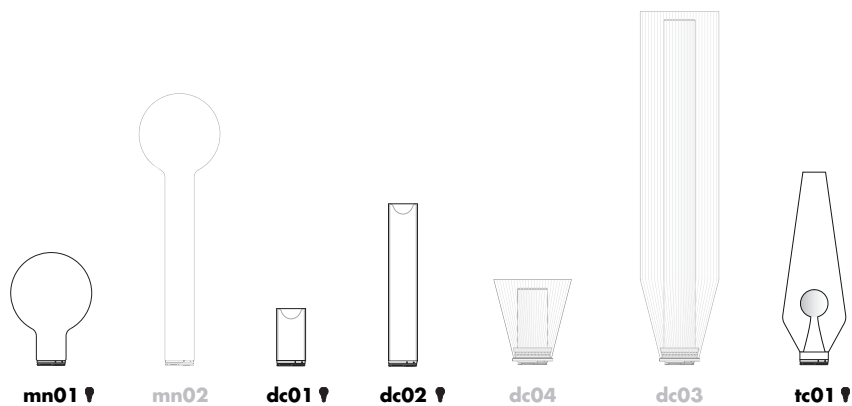
1. scegli l'interfaccia
choose the interface

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

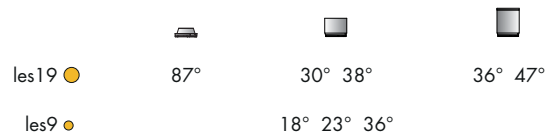
n55 parete soffitto	propulsore dinamico n55		lampadina classica classic bulb	
n55 parete soffitto alimentatore integrato integrated power supply 	55/350e  les19 350mA 1240 lm 9,7W 128 lm/W A++ 	55/350  les19 350mA 1240 lm 9,7W 128 lm/W A++ 		
			55/500  les19 500mA 1580 lm 14W 113 lm/W A+ 	
			55/500  les9 500mA 800 lm 13,6W 59 lm/W A 	hm01 
		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 	hm02 	
		82/1050  les19 1050mA 3000lm 30,5W 98 lm/W A+ 		

**lampadina decorativa
decorative bulb**

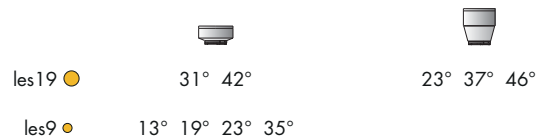


**lampadina tecnica
technical bulb**

spot35 ♀ spot55x37 ♀ spot55x61 ♀



spot82x35 ♀ spot82x79 ♀



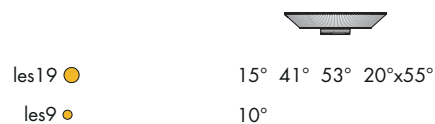
spot100 ♀

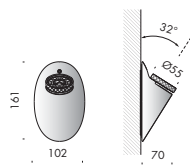


lensoptica amP150 ♀



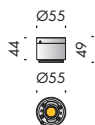
lensoptica amP180 ♀





n55 parete soffitto		110-240V 50-60Hz	A	⊕ IP20	CE i
Vb6.580.01	argento hacca	350÷1050mA			0,3
Vb6.580.02	nero55	350÷1050mA			0,3
Vb6.580.03	my bianco	350÷1050mA			0,3





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		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

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

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	350	27,6	1240	9,7	128	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		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 55/500			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		



propulsore dinamico 55/500

 IP20

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

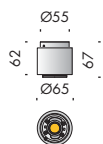
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	500	27,1	800	13,6	59	A
xe000	les9	Ta25 °C		vita media · average life			70000 h	L80 B10		

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		sdc	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	3000Vb K	les9	0,2
Vb9.580.102.30v	nero55	3000Vb K	les9	0,2
Vb9.580.103.30v	my bianco	3000Vb K	les9	0,2

Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 93	Rg 106	step 1	500	27,1	800	13,6	59	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			

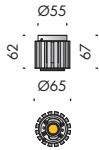
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98	98	Rf 96	Rg 103	step 1	500	27,9	1580	14,0	113	A+
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10		

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	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	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

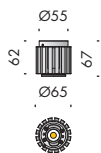
Ra	R9	ies tm-30		sdc	mA	V _{f (min)}	lm	W	lm/W	
98	98	Rf 96	Rg 103	step 1	700	28,4	2140	19,9	108	A+
xm000	les19	Ta25 °C		vita media · average life		70000 h		L80 B10		

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		



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

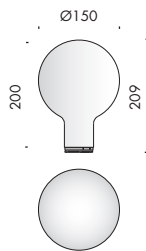
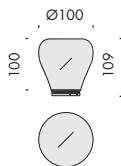
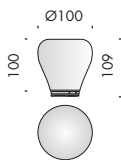
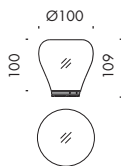
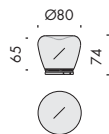
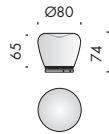
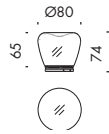
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98	98	Rf 96	Rg 103	step 1	700	27,9	1110	19,5	57	A
xe000	les9 ●	Ta25 °C		vita media · average life		70000 h		L80 B10		

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		



mario nanni		★ CE i
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Vb9.580.01.t	hm01 trasparente · transparent	0,05
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Vb9.580.01.s	hm01 sabbiata · sanded	0,05
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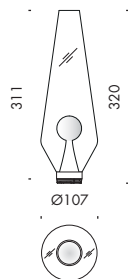
Vb9.580.01.b	hm01 bianco latte · milk white	0,05
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Vb9.580.02.t	hm02 trasparente · transparent	0,1
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Vb9.580.02.s	hm02 sabbiata · sanded	0,1
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Vb9.580.02.b	hm02 bianco latte · milk white	0,1
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Vb9.580.03.s	mn01 sabbiato · sanded	0,3
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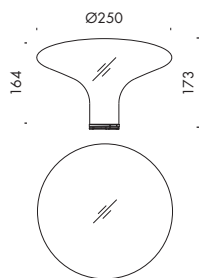


tzach cohen



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

0,4

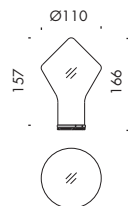


peter zumthor



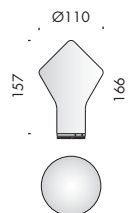
Vb9.580.08.t pz01 trasparente · transparent

0,3



Vb9.580.11.t pz03 trasparente · transparent

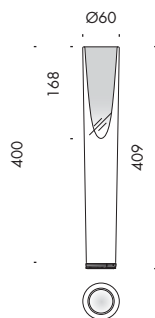
0,2



Vb9.580.11.s pz03 sabbiato · sanded

0,2





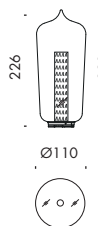
domenico de palo



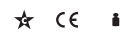
Vb9.580.114.t

ddp01 trasparente,sabbiato · transparent, sanded

0,5



marcio kogan



Vb9.580.111.t

mk01 trasparente · transparent

0,4



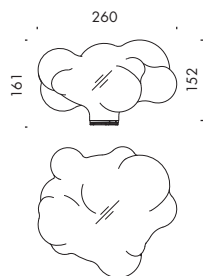
kengo kuma



Vb9.580.07.c

kk01 cristallo · crystal

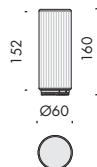
0,3



winy maas ☆ CE ⓘ

Vb9.580.09.t wm01 trasparente · transparent

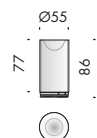
0,6



al-jawad pike ☆ CE ⓘ

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

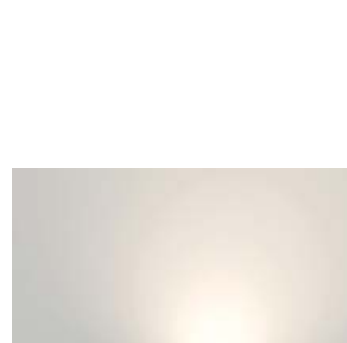
0,2



david chipperfield ☆ CE ⓘ

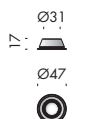
Vb9.580.05.s dc01 sabbiato · sanded

0,1



Vb9.580.06.s dc02 sabbiato · sanded

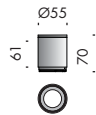
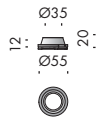
0,3



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

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

0,03

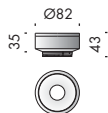


spot35		★	CE	i
Vb9.580.21	argento hacca	87° les19	●	0,1
Vb9.580.22	nero55	87° les19	●	0,1
Vb9.580.22.b	my bianco	87° les19	●	0,1

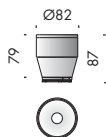
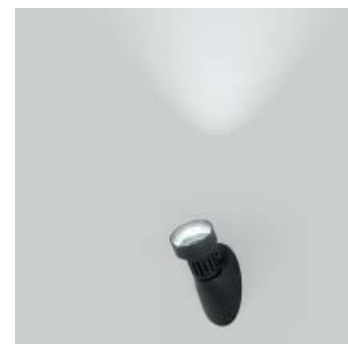
spot55x37			★	CE	i
Vb9.580.121	argento hacca	18° les9 ●			0,1
Vb9.580.122	nero55	18° les9 ●			0,1
Vb9.580.122.b	my bianco	18° les9 ●			0,1
Vb9.580.123	argento hacca	23° les9 ●	30° les19 ●		0,1
Vb9.580.124	nero55	23° les9 ●	30° les19 ●		0,1
Vb9.580.124.b	my bianco	23° les9 ●	30° les19 ●		0,1
Vb9.580.125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

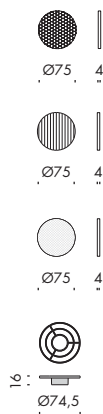


spot82x35				★	CE	i
Vb9.580.131	argento hacca	13° les9 ●				0,1
Vb9.580.132	nero55	13° les9 ●				0,1
Vb9.580.137	my bianco	13° les9 ●				0,1
Vb9.580.133	argento hacca	19° les9 ●				0,1
Vb9.580.134	nero55	19° les9 ●				0,1
Vb9.580.138	my bianco	19° les9 ●				0,1
Vb9.580.135	argento hacca	23° les9 ●	31°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

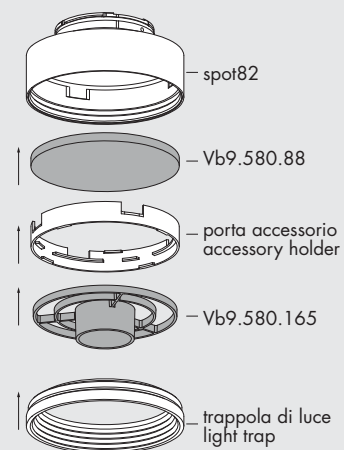
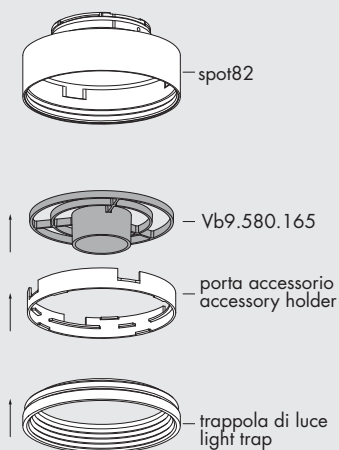


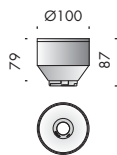


accessori spot82. accessories.

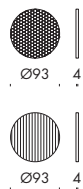
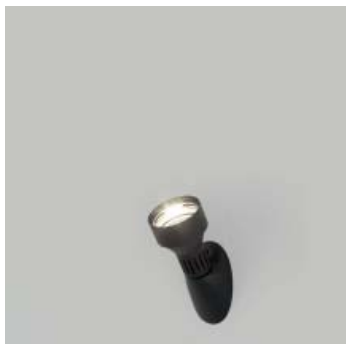


Vb9.580.86	frangiluce nido d'ape · honeycomb louvre	0,01
Vb9.580.87	lente ellittica · elliptical lens	0,05
Vb9.580.88	vetro albarino · albarino glass	0,05
Vb9.580.165	anti abbagliamento · anti-glare	0,03

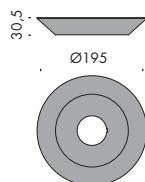
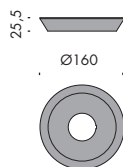
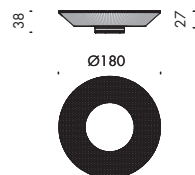
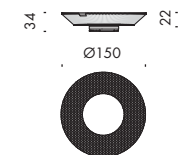




spot100		★	CE	ⓘ
Vb9.580.37	argento hacca	10° les9 ●	16° les19 ●	0,1
Vb9.580.38	nero55	10° les9 ●	16° les19 ●	0,1
Vb9.580.38.b	my bianco	10° les9 ●	16° les19 ●	0,1
Vb9.580.39	argento hacca	22° les9 ●	25° les19 ●	0,1
Vb9.580.40	nero55	22° les9 ●	25° les19 ●	0,1
Vb9.580.40.b	my bianco	22° les9 ●	25° les19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



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



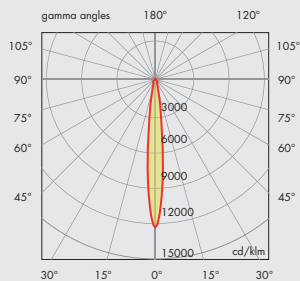
lensoptica amP150		★	CE	i
Vb9.518.91	fascio stretto · narrow beam	13°	les9 ●	0,3
		22°	les19 ●	
Vb9.518.92	fascio largo · wide beam	51°	les19 ●	0,3

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

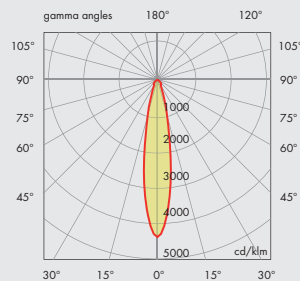
riflettore in metallo 150		★	CE	i
Vb9.518.95.n	nero55			0,1
Vb9.518.95.mb	my bianco			0,1
Vb9.518.95.h	argento hacca			0,1

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

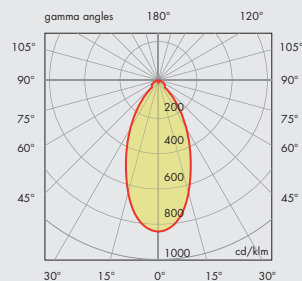
lensoptica amP150 13° les9 ●
fascio stretto · narrow beam



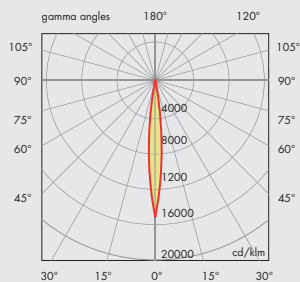
lensoptica amP150 22° les19 ●
fascio stretto · narrow beam



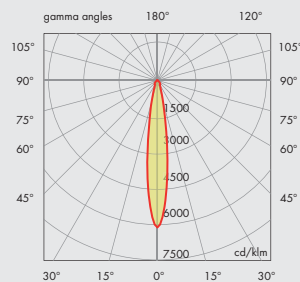
lensoptica amP150 51° les19 ●
fascio largo · wide beam



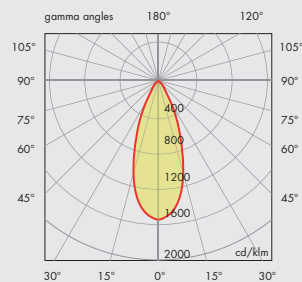
lensoptica amP180 10° les9 ●
fascio stretto · narrow beam



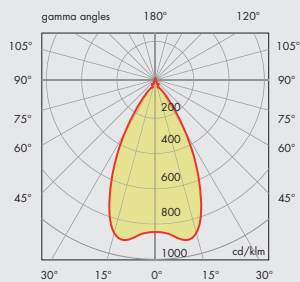
lensoptica amP180 15° les19 ●
fascio stretto · narrow beam



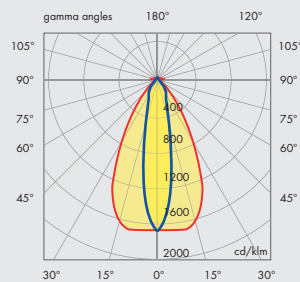
lensoptica amP180 41° les19 ●
fascio medio · medium beam



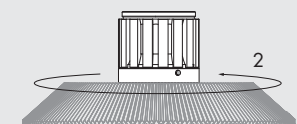
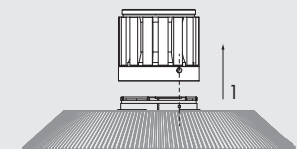
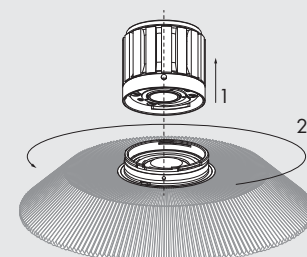
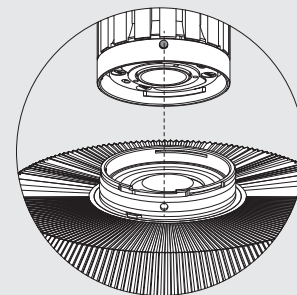
lensoptica amP180 53° les19 ●
fascio largo · wide beam



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



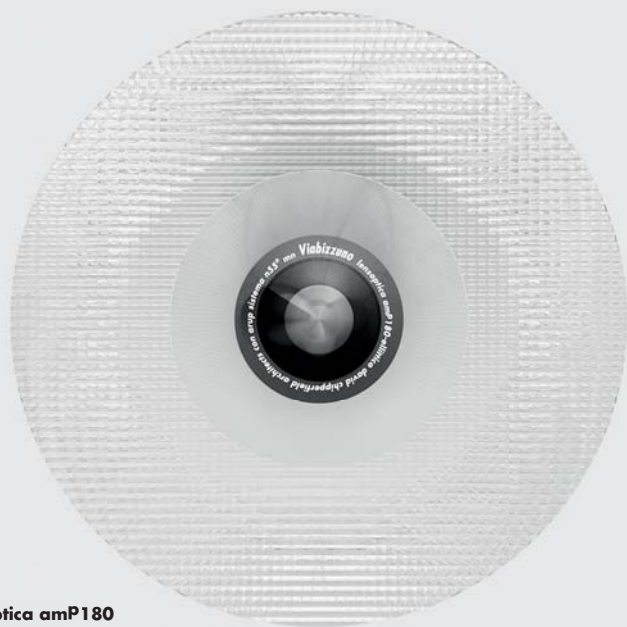
lensoptica amP180
fascio stretto · narrow beam



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.

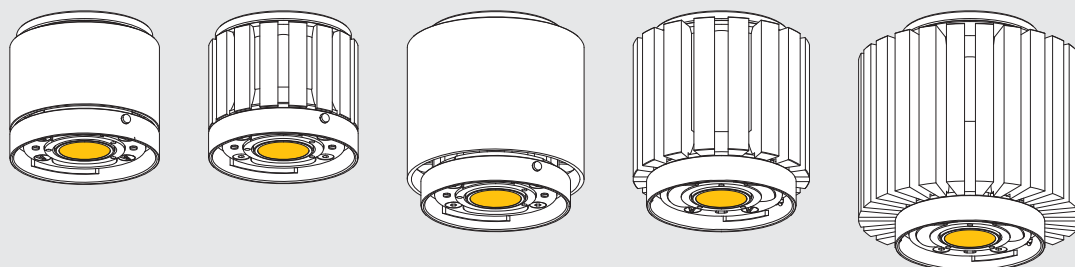
lensoptica amP is the result of a long research and development process made by Viabizzuno on a david chipperfield architects with arup, international engineering studio, design to provide electronic light sources with a high efficiency optics that can have either a focused and a diffuse light.

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.

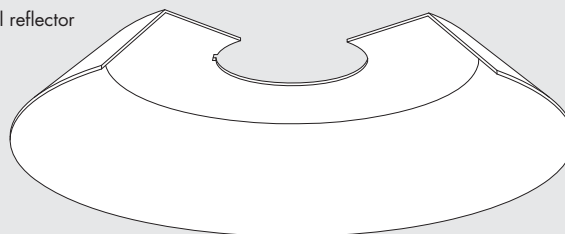
the microlens array precisely regulates the angular amplitude of the light beam.

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

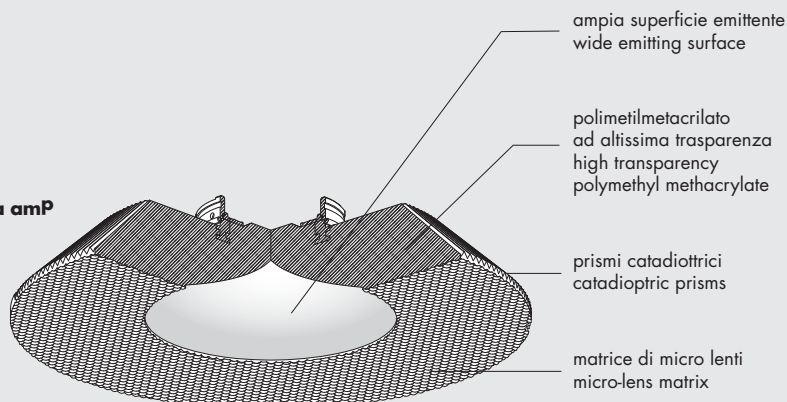
propulsore dinamico n55

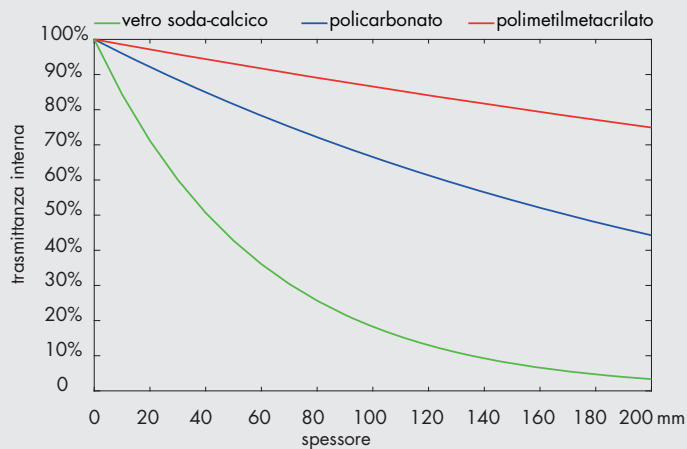


riflettore in metallo · metal reflector



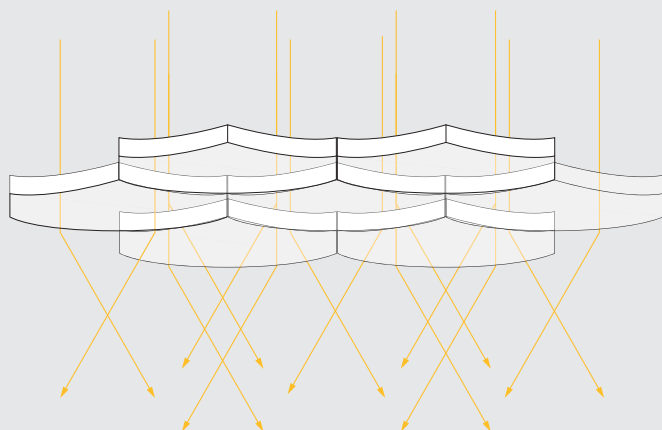
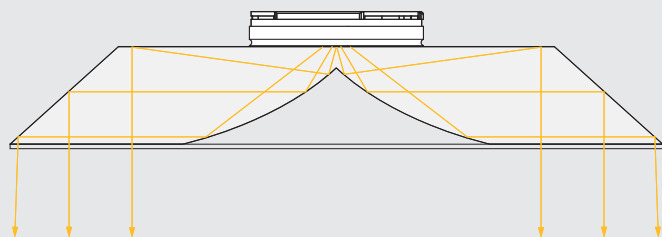
lensoptica amP





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.

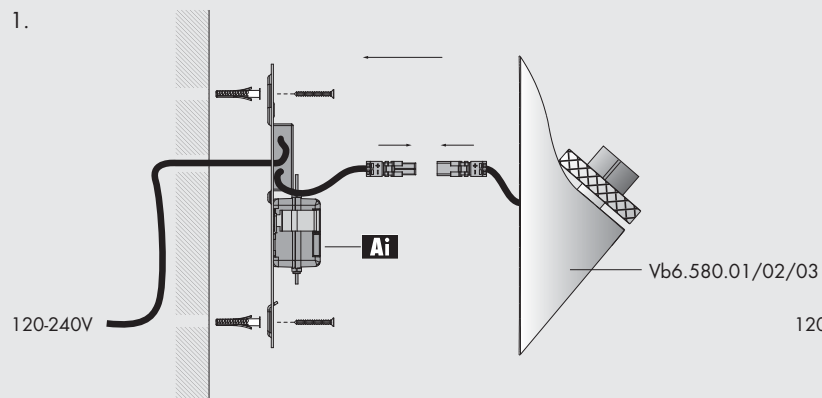
le **lensoptica amP** si suddividono in quattro categorie di apertura angolare del fascio: stretto, medio, largo ed ellittico. il valore esatto dell'angolo dipende dal diametro della sorgente.

lensoptica amP emitter surface is equipped with a microlens array. each microlens receives a collimated beam and according to its curvatura it enlarges the angular opening in a controlled way.

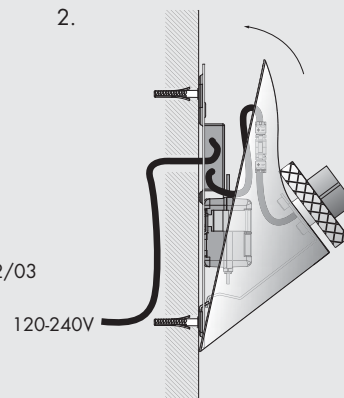
the overlap of the emissions of each microlens creates a uniform distribution of illumination.

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.

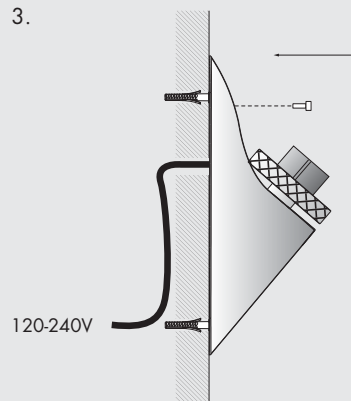
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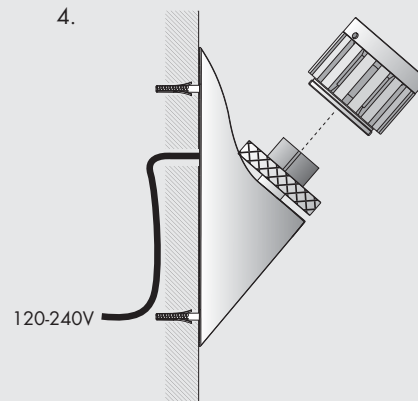
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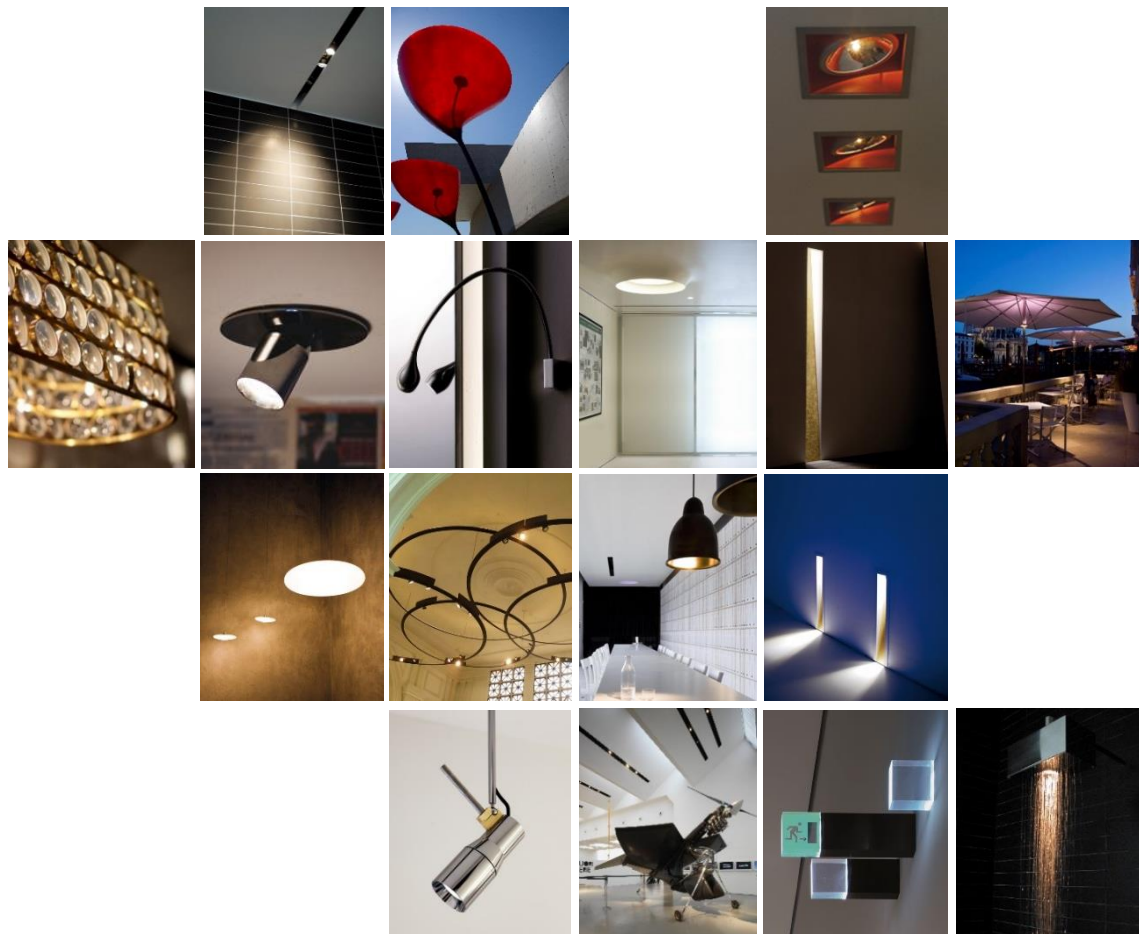
3.



4.







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