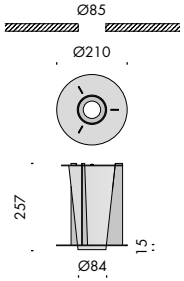
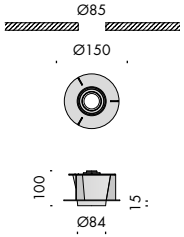
cono infinito peter zumthor 2003

apparecchio di illuminazione a scomparsa totale per interni IP20.
realizzato in alluminio ossidato. il corpo completamente incassato nel controsoffitto rende visibile solo un foro diametro Ø84mm.
modelli:
cono infinito diametro Ø210mm h.257mm,
cono infinito diametro Ø150mm h.100mm;
cono infinito con aspirazione diametro Ø275mm h.257mm,
progettato per alloggiare nella parte inferiore un tubo diametro Ø100mm da collegare all'impianto di canalizzazione, escluso.
disponibili con kit sorgente elettronica IP20 con sorgente elettronica 2700K o 3000K Ra95 12,4W fino a 826lm alimentatore 240V 50-60Hz incluso, da installare remoto o con kit sorgente elettronica IP44 con sorgente elettronica 2700K o 3000K Ra95 fino a 8,7W 628lm. alimentatore in corrente costante escluso, da installare remoto.
finiture: corpo incasso ossidato argento opaco o oro, kit sorgente elettronica nero55.

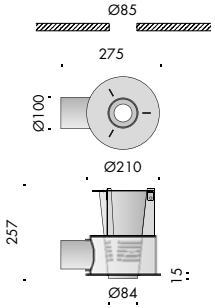
fully concealed IP20 rated light fitting for indoor use.
made of oxidised aluminium. the fully recessed fitting leaves only a diameter Ø84mm hole visible in the suspended ceiling.
versions:
cono infinito diameter Ø210mm h.257mm,
cono infinito diameter Ø150mm h.100mm,
cono infinito with suction diameter Ø275mm h.257mm, designed to house at the bottom a diameter Ø100mm tube for connection to the duct system, not included.
available with IP20 rated led kit wired with 2700 or 3000K Ra95 12.4W up to 826lm led source, 240V 50-60Hz power supply included, to be installed remotely or with IP44 rated led kit wired with 2700 or 3000K Ra95 up to 8.7W 628lm led source. constant current power supply not included, to be installed remotely;
finishes: matt silver or gold oxidised recessed fitting, led kit nero55.



cono infinito		IP20	
f6.171.21	argento opaco · matt silver		0,9
f6.171.23	oro · gold		0,9

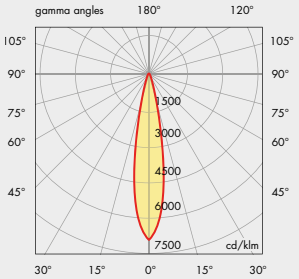


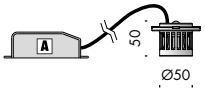
f6.171.25	argento opaco · matt silver		0,7
f6.171.26	oro · gold		0,7



cono infinito aspirazione		IP20	
f6.171.11	argento opaco · matt silver		1,3
f6.171.13	oro · gold		1,3

17°
kit + f6.171.21/23/11/13





kit **240V 50-60Hz** **IP20**

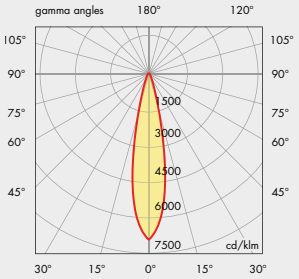
f6.171.51.27 nero55 2700K 0,2

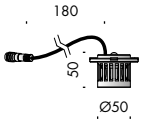
Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W	
95	Rf 92	Rg 100	step 2	700	17,8	767	12,4	62	**A**
cd010	Ta25 °C		vita media · average life		50000 h		L70	B10	

f6.171.51.1 nero55 3000K 0,2

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W	
95	Rf 92	Rg 100	step 2	700	17,8	826	12,4	66	**A**
cd011	Ta25 °C		vita media · average life		50000 h		L70	B10	

20°
kit + f6.171.25/26





kit **IP44**

f6.171.56.27 nero55 2700K 0,2

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W	
95	Rf 92	Rg 100	step 2	350	17,0	422	6,0	70	**A+**
				500	17,3	583	8,7	67	**A**
cd010	Ta25 °C		vita media · average life		50000 h		L70	B10	

f6.171.56 nero55 3000K 0,2

Ra	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W	
95	Rf 92	Rg 100	step 2	350	17,0	455	6,0	76	**A+**
				500	17,3	628	8,7	72	**A**
cd011	Ta25 °C		vita media · average life		50000 h		L70	B10	

cavi con connettore femmina m8. cables with m8 female connector. **IP67**

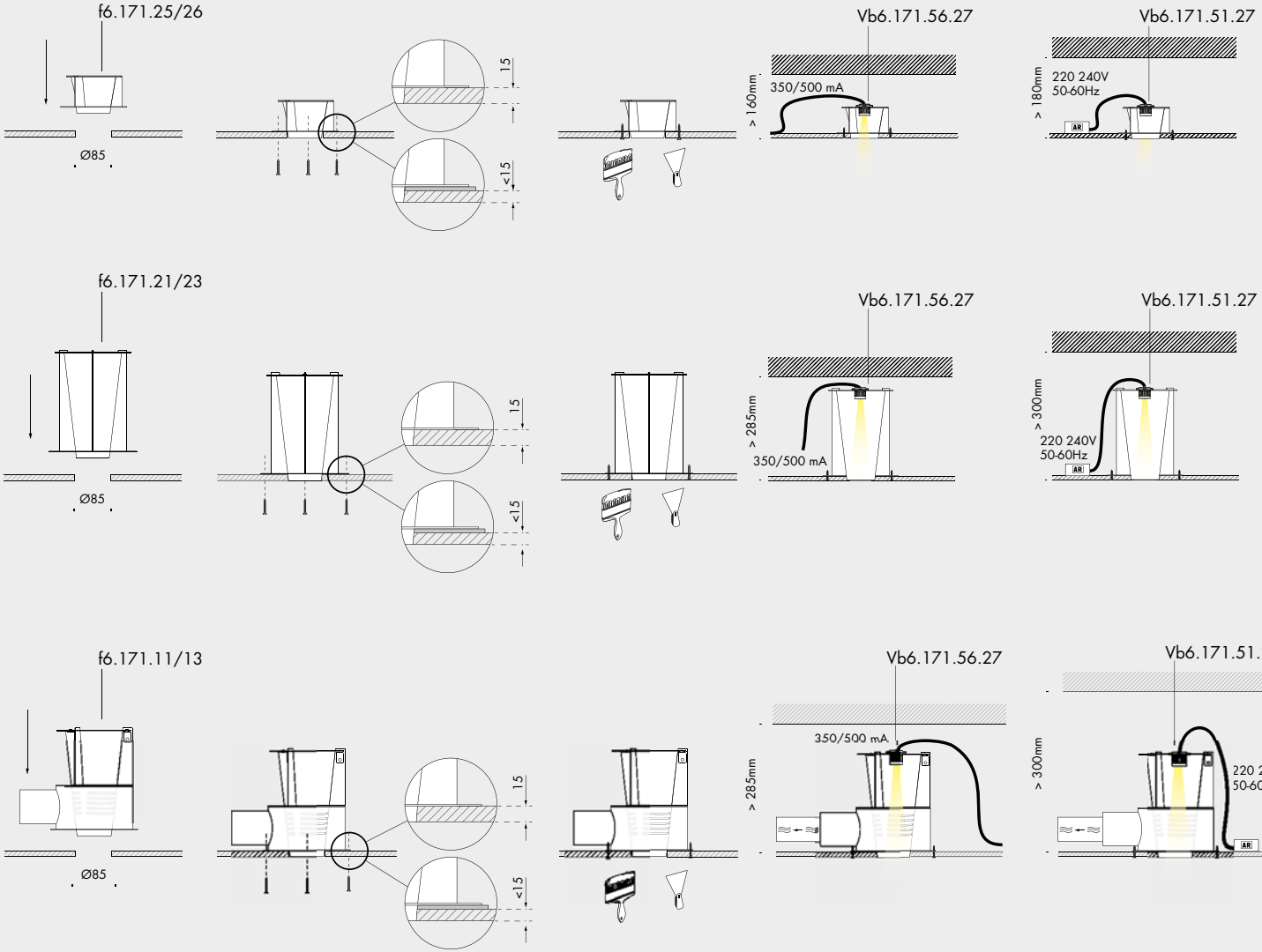
f9.250.70 150mm 0,01

cavi con connettori m/f m8. cables with m/f m8 connectors. **IP67**

f9.250.72 2000mm 0,1

f9.250.73 5000mm 0,3

f9.250.74 10000mm 0,6



dimensioni foro per cartongesso.
plasterboard hole dimensions.

se il cartongesso è inferiore a 15mm, spessorare in maniera adeguata.
if the plasterboard is thinner than 15mm, use a shimming piece of appropriate thickness.

stuccare, rasare e verniciare.
point, skim and paint.

in quanto componente passivo la potenza acustica del cono infinito aspirazione dipende dall'aspiratore a cui è abbinato. la tabella riporta i valori misurati utilizzando tre ventilatori con differenti portate considerando un ambiente mediamente riverberante K=0,7

the sound power of cono infinito aspirazione depends on the exhaust fan it is coupled with, as it is a passive component. the table provides the values measured using three fans with an average reverberant environment K=0,7 with different capacities.

esempio 1, aspiratore da 100m³/h, 50db a 3m · example 1, exhaust fan of 100m³/h, 50db to 3m					
potenza acustica cono sound power of cone		pressione acustica cono a 3m sound pressure of cone at 3m		pressione acustica totale (cono + aspiratore) total sound pressure (cone + exhaust fan)	
Lw	54	Lp	46,9	Lp a 3m Lp at 3m	51,7
LAw	47	LAp	39,9	Lp a 1m Lp at 1m	58,4

esempio 2, aspiratore da 90m³/h, 40db a 3m · example 2, exhaust fan of 90m³/h, 40db to 3m					
potenza acustica cono sound power of cone		pressione acustica cono a 3m sound pressure of cone at 3m		pressione acustica totale (cono + aspiratore) total sound pressure (cone + exhaust fan)	
Lw	42	Lp	34,4	Lp a 3m Lp at 3m	41
LAw	28	LAp	20,4	Lp a 1m Lp at 1m	47,7

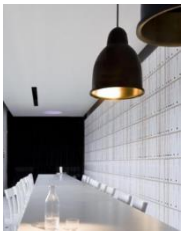
esempio 3, aspiratore da 80m³/h, 38db a 3m · example 3, exhaust fan of 80m³/h, 38db to 3m					
potenza acustica cono sound power of cone		pressione acustica cono a 3m sound pressure of cone at 3m		pressione acustica totale (cono + aspiratore) total sound pressure (cone + exhaust fan)	
Lw	42	Lp	33,9	Lp a 3m Lp at 3m	39,4
LAw	28	LAp	19,9	Lp a 1m Lp at 1m	46,1

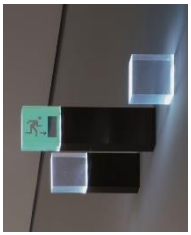
Lw potenza acustica effettiva
actual sound power

LAw potenza acustica percepita
perceived sound power

Lp pressione acustica effettiva
actual sound pressure

LAp pressione acustica percepita
perceived sound pressure





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Distributor for Viabizzuno
Architectural Lighting Solutions
Web: www.cirruslighting.co.uk
Email: sales@cirruslighting.co.uk
Tel: 0207 193 2175
Fax: 0207 193 3175