

HAP 120

Recessed optic downlight

design Lapo Grassellini



The Hap range of recessed fixtures matches utmost performance to incredible compactness. Recessed optics guarantees high viewing comfort. Revolutionary in dissipative, functional design, it offers the possibility to combine colour temperatures and beam angles in CRI85 and CRI93 versions. The anti-glare filter accessory, which can be applied to the installed product also guarantees optimal viewing comfort.

La gamma di incassi Hap combina altissime prestazioni ad una dimensione incredibilmente contenuta. L'ottica arretrata garantisce un alto comfort visivo. Rivoluzionari per il design funzionale alla dissipazione, offrono la possibilità di combinare temperature colore ed aperture di fascio nelle versioni a CRI85 ed a CRI93. L'accessorio filtro antiabbagliamento, applicabile a prodotto installato, rende l'apparecchio completamente darklight.

La gamme d'encestrables Hap associe prestations très élevées et dimension incroyablement contenue. L'optique en retrait garantit un confort visuel élevé. Révolutionnaires pour le design fonctionnel à la dissipation, ils offrent la possibilité d'associer températures, couleur et ouvertures de faisceau dans les versions à CRI85 et à CRI93. L'accessoire filtre anti-éblouissement, applicable sur le produit installé, rend l'appareil complètement darklight.



IP40 made in Italy

Die Produktreihe von Einbauleuchten Hap kombiniert beste Leistungen mit einer unglaublich kompakten Größe. Die Einbauroptik garantiert einen hohen visuellen Komfort. Revolutionär durch ihr funktionales Design zur Ableitung, bietet sie die Möglichkeit, Farbtemperaturen und Strahlenbündel in den Versionen CRI85 und CRI93 zu kombinieren. Der Blendschutzfilter, der als Zubehör erhältlich ist, kann auf dem installierten Produkt angewendet werden und macht das Gerät vollständig darklight.

La gama de empotrados Hap combina elevadísimas prestaciones con un tamaño increíblemente reducido. La óptica retrocedida garantiza un alto confort visual. Revolucionarios por su diseño centrado en la disipación, ofrecen la posibilidad de combinar temperaturas de color y aberturas de haz en las versiones de CRI85 y de CRI93. El accesorio filtro antideslumbramiento, aplicable al producto instalado, hace que el aparato sea completamente darklight.

Supply current

250mA (V_i 2x36V)

Power

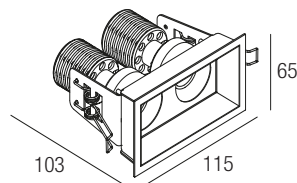
2x10W

CRI

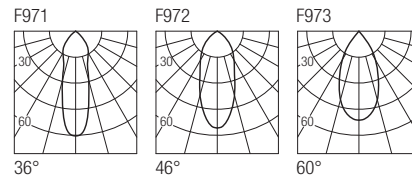
85-93

2-Step MacAdam

Dimensions



Photometric diagrams

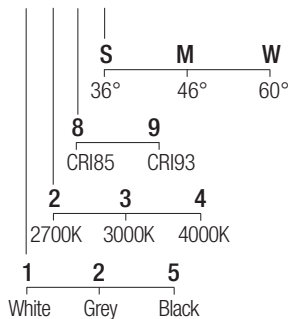


CCT/CRI/Flux (2x)

	CRI85	CRI93
2700K	890lm	840lm
3000K	1000lm	930lm
4000K	1040lm	960lm

Code construction

HP12 X X X X



Note: The finishing refers to the outer ring of the luminaire only, the inner part of the optical compartment is always black.

Accessories

LOH1X2B (2 pcs)

Black

Low luminance louver



SHP1201 (2 pcs)

Milky screen

Note: The screen must be ordered together with the lighting fixture.



Drivers 250mA

on/off

AL1025 (1) IP20 ⌀40 mm

dimnable

AL4030 (1) IP20 0/1..10V ⌀55 mm

ALD425 (1) IP20 DALI 2 PUSH ⌀36 mm

AL4031 (1) IP20 DALI 2 ⌀55 mm

AL4032 (1) IP20 IGBT-TRIAC ⌀55 mm

Note: Each fixture needs 2 drivers.