FLEXA
LIGHTING

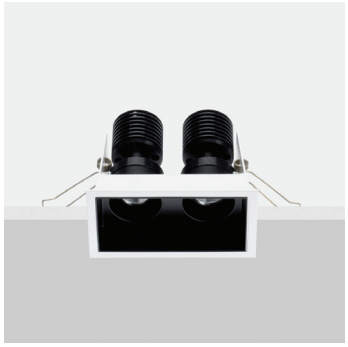
HAP 120

Recessed optic downlight

108x57mm

IP40 made in Italy

design Lapo Grassellini



The Hap range of recessed luminaires combines high performance with extremely compact dimensions. The recessed optic ensures a high level of visual comfort, while the design, developed to optimise heat dissipation, allows different colour temperatures and beam angles to be combined. The anti-glare filter accessory, which can also be fitted after installation, makes it possible to achieve a completely darklight effect.

La gamma di incassi Hap combina prestazioni elevate e dimensioni estremamente compatte. L'ottica arretrata garantisce un elevato comfort visivo, mentre il design, studiato per ottimizzare la dissipazione termica, consente di combinare diverse temperature di colore e aperture di fascio. L'accessorio filtro antiabbagliamento, applicabile anche a prodotto installato, permette di ottenere un effetto completamente darklight.

La gamme d'encastrés Hap associe des performances élevées à des dimensions extrêmement compactes. L'optique en retrait garantit un haut niveau de confort visuel, tandis que le design, conçu pour optimiser la dissipation thermique, permet de combiner différentes températures de couleur et différents angles de faisceau. L'accessoire filtre anti-éblouissement, pouvant également être installé une fois le produit en place, permet d'obtenir un effet totalement darklight.

Die Einbauleuchten der Serie Hap verbinden hohe Leistung mit äußerst kompakten Abmessungen. Die zurückversetzte Optik gewährleistet einen hohen visuellen Komfort, während das zur Optimierung der Wärmeableitung entwickelte Design die Kombination verschiedener Farbtemperaturen und Abstrahlwinkel ermöglicht. Der Entblendungsfilter kann auch nach der Installation des Produkts angebracht werden und ermöglicht einen vollständig ausgeprägten Dark-Light-Effekt.

La gama de luminarias empotrables Hap combina altas prestaciones con dimensiones extremadamente compactas. La óptica retranqueada garantiza un elevado confort visual, mientras que el diseño, desarrollado para optimizar la disipación térmica, permite combinar diferentes temperaturas de color y aperturas de haz. El accesorio filtro antideslumbramiento, que también puede instalarse una vez colocado el producto, permite obtener un efecto completamente darklight.

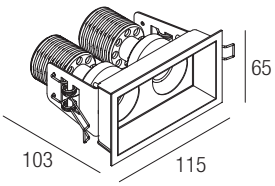
Supply current
250mA (V_f 2x36V)

Power
2x10W

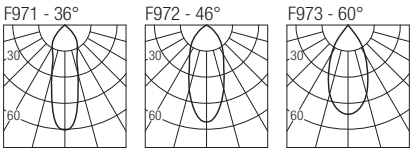
CRI
85 (2200K)
93 (2700K-3000K-4000K)

2-Step MacAdam

Dimensions



Photometric diagrams



CCT/CRI/Flux

2200K	2 x 810 lm
2700K	2 x 840 lm
3000K	2 x 930 lm
4000K	2 x 960 lm

Code construction

HP12 X XX X

- X: 1 White; 2 Grey; 5 Black; 6 Bronze
- XX: 18 2200K; 29 2700K; 39 3000K; 49 4000K
- X: S 36°; M 46°; W 60°

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

Accessories

L0H1X2B Black (2pcs)
Low luminance louver



SHP1201 (2pcs)
Milky screen



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

Drivers 250mA

on/off
AL1025 (1) IP20 40 mm

dimmable
AL4030 (1) IP20 0/1..10V 55 mm
ALMINI25 (1) IP20 DALI 2 PUSH 30 mm
AL4031 (1) IP20 DALI 2 55 mm
AL4032 (1) IP20 IGBT-TRIAC 55 mm

Note
Each fixture needs 2 drivers.