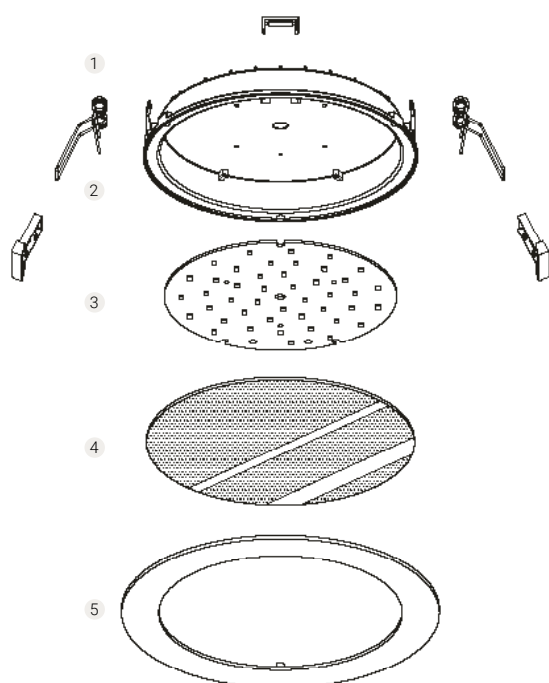




- 1 Aluminium heat sink
- 2 Fixing clamps
- 3 COB LED plate
- 4 Microprismatic diffuser
- 5 Customisable aluminium ring

- Cuerpo disipador de aluminio
- Grapas de sujeción
- Placa Led COB
- Difusor Microprismático
- Aro personalizable de aluminio

Hat

Hat is the latest generation of LED downlights. With a height of just 44 mm and an efficiency of 75%, it can achieve 2,400 lumens, something that is inconceivable in luminaires of this type.

Hat is a compact downlight of a high technical quality which is ideal for installing in low or modular ceilings.

Hat es la última generación de downlights LED. Con solo 44 mm de altura y un rendimiento del 75% es capaz de llegar a los 2.400 lúmenes, algo impensable en luminarias de esta naturaleza.

Hat es un downlight compacto de alta calidad técnica, ideal para instalarse en techos bajos o falsos techos.

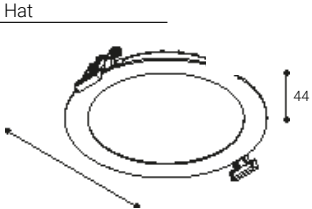


Hat



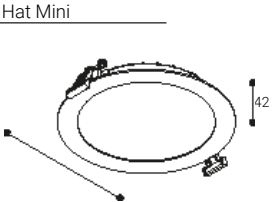
Hat

	W	K	LUMEN	COLOR		
LED EH23UB	1x20,5W	3000	2300 lm	○	0,5	
LED EH24UB	1x20,5W	4000	2400 lm	○	0,5	

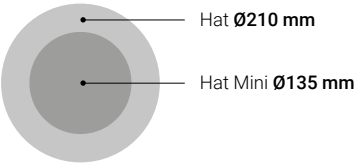


Hat Mini

	W	K	LUMEN	COLOR		
LED EHM13UB	1x10,6W	3000	1400 lm	○	0,3	
LED EHM14UB	1x10,6W	4000	1500 lm	○	0,3	



Circular cut Corte redondo



EH23	
0,95	Factor de potencia (COS ϕ)
75	Rendimiento (%)
83°	Ángulo de apertura
50.000 L70F10	Vida útil (h)

Cut outs Perforación

Extra slim downlight

Downlight
extraplano

- Low photobiological risk.
- High light efficiency.
- Light range from 1,400-2,400 lumens.
- IP54.

- Bajo riesgo fotobiológico.
- Alta eficiencia lumínica.
- Rango lumínico de 1.400-2.400 lúmenes.
- IP54.

Microprismatic
diffuser
Difusor
microprismático

Voltaje Universal 120/277V



H m	ø m	E (0°) lux
0,5	0,89	3013
1,0	1,79	753
1,5	2,68	335
2,0	3,58	188
2,5	4,47	121
3,0	5,36	84

C0-C180 **83,6°**

LO (lm)	1727,3
E (lm/W)	76,7
P (W)	22,5

Equivalent output	Potencia equivalente	Hat (25W)	Hat Mini (15W)
Installation	Instalación	Recessed in the ceiling Empotrado a techo	Recessed in the ceiling Empotrado a techo
Diffuser	Difusor		
Light source	Fuente de luz	LED	LED
Photobiological safety	Seguridad fotobiológica	0	1
UGR	UGR	<22	<22
Flickering < 15%	Flickering <15%	✓	✓
CRI	CRI	80-90	80-90
MacAdam ellipse	Elipse de Macadam	3	4
Beam angle	Ángulo de apertura	83,4	83,4
Consumption (W)	Consumo (W)	13/20,5W	10,9W
Temperature	Temperatura	3000/4000	3000/4000
Lumens	Lúmenes	1500/1600/2300/2400	1400/1500
Power factor	Factor de potencia	0,95	0,95
Efficiency (%)	Rendimiento (%)	75	75
Useful life (h)	Vida útil (h) Led	50000	50000
Useful life (h) driver	Vida útil (h) driver	>50000	>50000
Expectancy	Expectativa	L70F10	L70F10
Zhaga replaceable	Led sustituible Zhaga	✓	✓
LEDStarting cycles	Ciclos de encendido	120000	120000
DALI	DALI	✓	✓
Continuous function 24h	Funcionamiento continuado 24h	✓	✓
Independent electronics	Electrónica Independiente	✓	✓
IP	IP	54	54
Class	Clase	II	II
Weight (kg)	Peso (Kg)	0,5	0,3
Ideal cut out	Perforación ideal	210	135
Recess range	Rango Perforación	ø200-225	ø125-150

