

Product code	Color
508-211AN-21	Mat white

### General Specifications

Product type	: Downlights
Mounting type	: Ceiling - recessed
Description	: A multi-directional lighting system with a decorative frame for the last generation of COB LEDs, featuring one adjustable light source. Inner body in black painted steel. LED drivers should be ordered separately, the wattage of the fittings changes, depending on the selected driver.
Indoor/outdoor lights	: Indoor
Applications	: Galleries, Museums, Shop windows

### Lighting specifications

Average lamp life (h)	: L80B10 50.000
Lamp description	: LED 1800lm 12W 4000K
Nominal lumens on thermal regime	: 1800
Lamp wattage (W)	: 12
Color temperature (K)	: 4000

### Physical Specifications

Body	: Die-cast aluminium
Finishes	: Polyester painted
Frame	: Steel frame, polyester painted

### Electrical Specifications

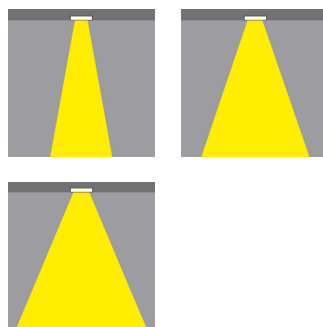
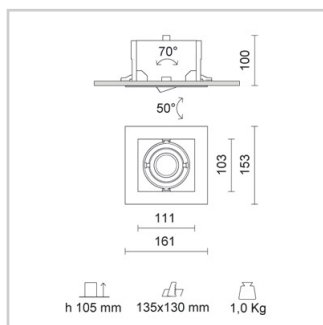
Glow wire (°C)	: 850
Driver	: Separate item
Driver mounting	: Remote

### Weight and Dimensions

Shape	: Rectangular
Length (mm)	: 161
Width (mm)	: 153
Height (mm)	: 100
Cutout shape	: Rectangular
Cutout Length (mm)	: 135
Recessed depth (mm)	: 105
Weight (Kg)	: 1

### Optical Specifications

Aiming	: Multidirectional
Light distribution	: Symmetric
Light emission	: Direct
Light beam	: 30°
Note	: 24°, 45° (mirror metallized) optics are available on demand. Honeycomb code 28-4022-30 to be used only together with screen code 28-3905-47.



## ACCESSORIES



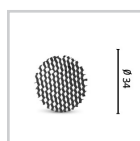
Product Code : 28-3901-51  
 Name : Professional optic device 24°  
 Finish : Mirror metallized  
 Beam : 24°  
 Shape : Round



Product Code : 28-3903-51  
 Name : Professional optic device 45°  
 Finish : Mirror metallized  
 Beam : 45°  
 Shape : Round

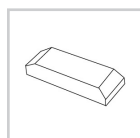


Product Code : 28-3905-47  
 Name : Closing screen in thermoplastic




Product Code : 28-4022-30  
 Name : Honeycomb  
 Finish : Black painted  
 Shape : Round  
 Notes : To be used only with closing screen (28-3905-47)

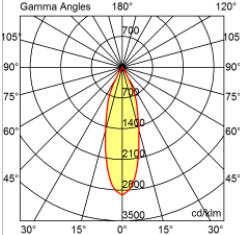
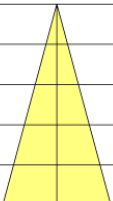
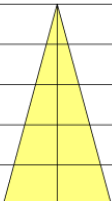
## Drivers



Product Code : 81-04010  
 Name : Driver 350mA dimmable on the mains

Lamps	Lamp categories	Lamp type	Lamp wattage (W)	Nominal lumens on thermal regime (lm)	Color temperature (K)	Color rendering (CRI)
	LED	COB LED	12	1800	4000	85

## Photometrics

508-2/509-2 	KARDAN LED 12W 1800 lm 4000K				R:100%				I.Max:2907 Cd/Klm			
	H[m]	D[m]	Max lux	Med lux	Alpha=30°	H[m]	D[m]	Max lux	Med lux	Beta=30°		
	1.00	0.54	3820	2320		1.00	0.54	3820	2320			
	2.00	1.08	955	580		2.00	1.08	955	580			
	3.00	1.62	424	258		3.00	1.62	424	258			
	4.00	2.16	239	145		4.00	2.16	239	145			
	5.00	2.71	153	93		5.00	2.71	153	93			

## Pictures and Applications

