



TECHNICAL INFORMATIONS

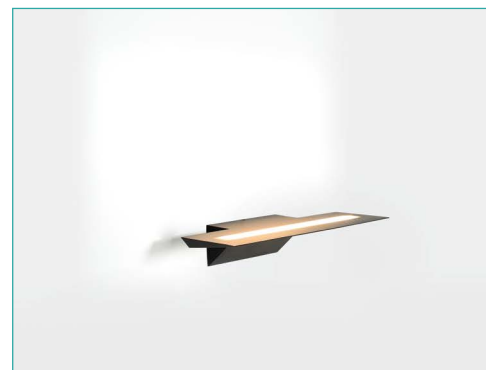
FREDI BLACK

9W 3000K

Luminária de superfície de elevada eficiência com design requintado.

Surface luminaire, high efficiency luminaire with refined design.

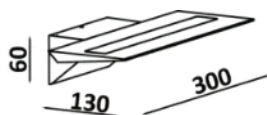
Luminaria superficialde alta eficiencia con diseño refinado.



ILAR-01751

REFERENCE		DIMENSION & WEIGHT		PHOTOMETRICAL DATA	
Led Type	SMD2835	Size	300x60x130mm	Total Luminous Flux	855lm
LED Chip Brand	Epistar	Packaging Unit	10pcs/carton	Luminous Efficacy	95lm/w
Mounting Type	Wall Surface	Net Weight	0.952kg	Beam Angle	120°
Body Material	Aluminum			Colour Temperature	3000K
Housing Colour	Sand Black			Colour Rendering Index	≥90
Body Shape	Rectangular				
LED numbers	45x0.2W				
ELECTRICAL AND OPERATING DATA		ENERGY LABEL & STANDARS		CERTIFICATIONS	
Nominal Wattage	9W	Energy Label	A+	2014/30/EU (EMC Directive)	YES
Nominal Voltage	AC220-240V	Energy Consumption KWH/1000H	-	2014/35/EU (LVD Directive)	YES
Operating Frequency	50/60 Hz	Type of Protection	IP20	ROHS	YES
Power Factor	≥0.5	Protection Class	Class II	CE	YES
Operating Temperature	-20°C to +45°C	Protecion Class IK (shock resistance)	-	Warranty	3 YEARS
Starting Time 100% ON	0.0001s				
ON/OFF Cycles	100.000				
Driver Brand	MHEN				

SIZE



Designed by Aronlight in Portugal. Made in PRC

