SLEE

- Suitable for high (+55°C) and low (-50°C) temperatures
- Elevated degree of protection IP67
- IIB + H2 marking (hydrogen)
- Zones 1, 2, 21, 22

Supporting bracket

Hinge for opening lamp holder housing

Tempered shockproof glass

Ex e housing for terminal entries

SLEE series floodlights have been specially designed for lighting large indoor and outdoor areas in hazardous zones. Thanks to their versatility and small size, they are the ideal solution for those seeking a balance of quality and value for money. Apart from being suitable for use in environments where there is hydrogen (H_2) present, they are also certified with a high degree of mechanical protection (IP67) and guarantee a symmetrical and concentrated distribution of light. The symmetrical reflector makes sure that the light is spread symmetrically in all directions to provide uniform lighting. Electrical connection with the floodlight is made via a terminal board in a "Ex e" enclosure that allows the entry to the lighting fixture through a cable gland with an "Ex" O-ring (non barrier) as specified in the installation specification standards (EN/IEC 60079.14).
As these units comply with international standards (IEC Ex), they can be installed anywhere in the world. SLEE series floodlights also comply with anti light pollution standards (Regional Law date 27 March 2000 N°17 – Article 6).

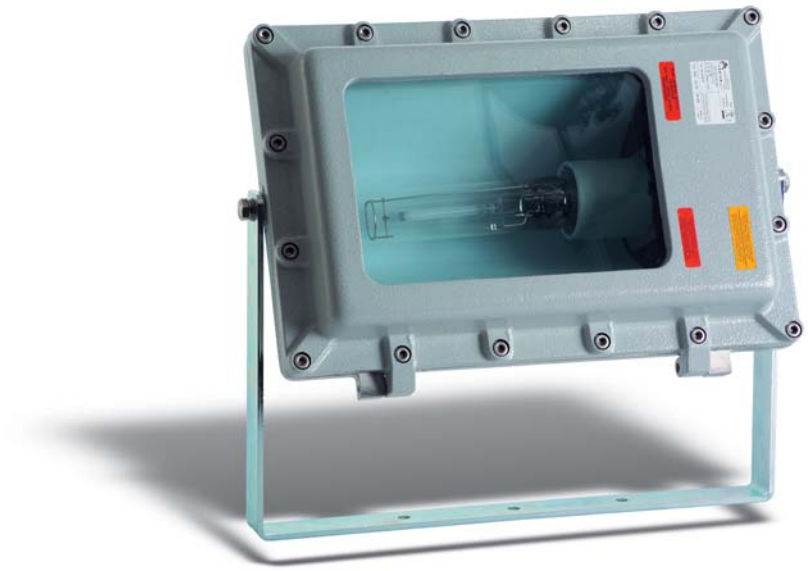
Application sectors:

CERTIFICATION DATA

Classification 94/9/EC	Group II	Category 2GD		
Installation EN 60079.14	zone 1 - zone 2 (Gas)	zone 21 - zone 22 (Dust)		
Marking:	CE 0722 Ex II 2GD Ex de IIB + H2 T2/T3/T4 - Ex tD A21 IP 66/67			
Certification:	ATEX CESI 03 ATEX 200			
	IEC Ex TSA 08 .0011	All IEC Ex and GOST R certification data can be downloaded at www.cortemgroup.com		
	GOST R AVAILABLE			
Standards:	CENELEC EN 60079-0: 2006, EN 60079-1: 2007, EN 60079-7: 2007, EN 61241-0: 2006, EN 61241-1: 2004, EN60598-1:2008+A11:2009, EN60598-2-5:1998, EN61547:2009 and EUROPEAN DIRECTIVE 94/9/EC: 1994 IEC 60079-0:2004, IEC 60079-1:2007, IEC 60079-7:2006, IEC 61241-0:2004, IEC 61241-1:2004 European Directive 2006/95 Low voltage European Directive 2004/108 Electromagnetic compatibility European Directive 2003/108 WEEE Waste electrical and electronic equipment European Directive 2011/64 RoHS			
Class temperature:	300°C (T2)	200°C (T3)	135°C (T4)	
Ambient temperature:	Standard -20°C +55°C	Special -50°C +55°C		
Degree of protection:	IP66/67			

This equipment can be used in an environment containing explosive atmosphere and with the presence of hydrogen.

SLEE series Rectangular horizontal floodlights



ORIGINAL PRODUCT

MECHANICAL FEATURES

Body:	Low copper content aluminium alloy
Glass face:	Shock and high temperature resistant tempered glass
Gaskets:	Acid/hydrocarbon resistant NBR
Internal reflector:	Anodised aluminium
Supporting bracket	Galvanised steel - thickness 5mm for SLEE-25, 6mm for SLEE-40
Mounting:	3 x Ø12 holes
Bolts and screws:	Stainless steel
Entries:	2 x ISO M25 entries. Floodlight set with 1 x PLG2IG plug
Coating:	Epoxy coating Ral 7035 (Light grey)
Corrosion Resistance :	The STANDARD of the aluminium alloy used by Cortem has passed the tests required by standards EN60068-2-30 (hot/humid cycles) and EN60068-2-11 (salt mist tests)

ELECTRICAL FEATURES

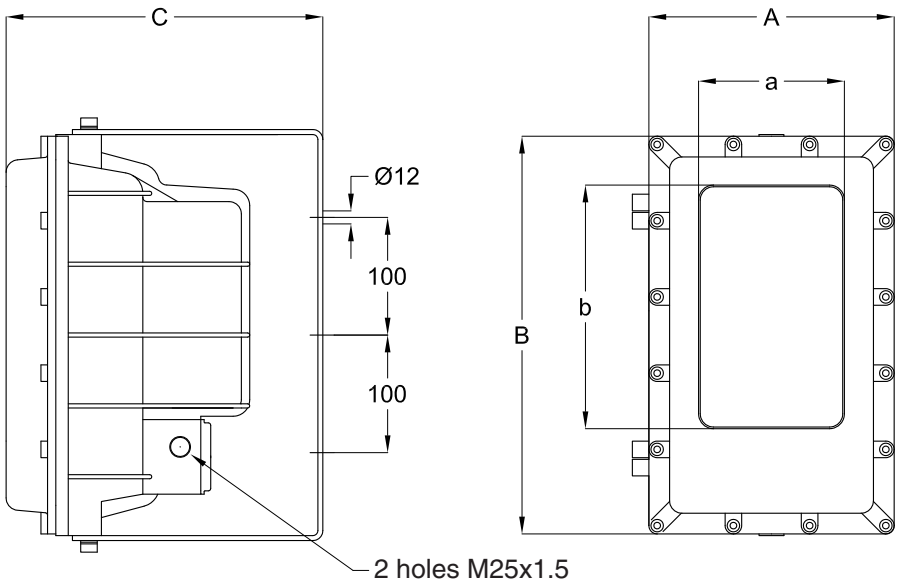
Lamp holder:	E40 ceramic
Rated voltage:	230 V AC
Rated frequency:	50 Hz
Connection:	Direct connection to the terminal board L, N, Pe. Section 4 mm², suitable for input/output
Wiring:	Silicone rubber cables with glass braid insulation for high temperatures
Power factor:	0.96

ACCESSORIES AVAILABLE / SPECIAL REQUESTS

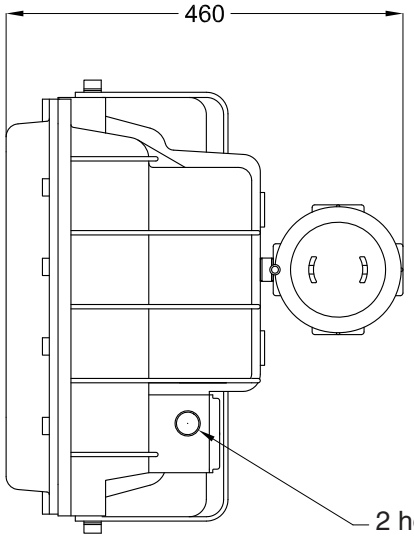
Discharge lamp
Different rated voltages
Cable gland: REVD2IB for armoured cable or REV2IB for non-armoured cable
Angular orientation system
Reinforced supporting bracket for mounting on mobile structures
Frame for mounting floodlight on pole

SLEE series dimensional drawings

Code	Dimensions mm A	B	C	a	b	Type of lamp	Lamp holder	Watt	Class Ta +55 °C	Max surface temp °C	Weight Kg	mm
SLEE-40IM5	296	482	480	174	291	metal halide	E40	250	T3	156	26	550x350x540
SLEE-40IM6	296	482	480	174	291	metal halide	E40	400	T2	205	27	550x350x540
SLEE-40N5	296	482	480	174	291	high pressure sodium	E40	250	T3	158	26	550x350x540
SLEE-40N6	296	482	480	174	291	high pressure sodium	E40	400	T2	205	27	550x350x540

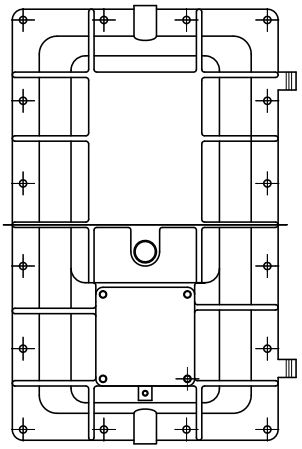


SLEE-40 floodlight kits with 400 W ballast are supplied as standard with a separate enclosure housing starter and capacitor.



Dimensions in mm

Rear view of SLEE-40



DON'T FORGET TO ORDER THE ACCESSORIES

Example: Floodlight model SLEE-40N5 + Lamp LAMPNAVT400W + Cable gland REV2IB + other …see key

SLEE series Accessories and spare parts available on request

ILLUSTRATION	DESCRIPTION	MODEL	FEATURES	CODE	KEY
	High pressure sodium vapour lamp	E40	250 W (ST250W)	LAMPNAVT250WPLU	ACCESSORIO RICAMBIO
			400 W (ST400W)	LAMPNAVT400WPLU	
	Metal halide lamp	E40	250 W (MT250W)	LAMP250WJMT	ACCESSORIO RICAMBIO
			400 W (MT400W)	LAMP400WJMT	
	Reinforced supporting bracket for mounting on mobile structures	SLEE-40	Material: galvanised steel	G-418/1	ACCESSORIO RICAMBIO
	Cable gland	ISO M25	For models and codes, visit www.cortemgroup.com	REV2IB REVD2IB	ACCESSORIO RICAMBIO
	Front ring with glass	SLEE-40	In copper free aluminium with tempered glass front	G400-0322	RICAMBIO
	Supporting bracket	SLEE-40	Material: galvanised steel	G-418	RICAMBIO
	Angular orientation system fitted to supporting bracket (locking point every 15°)		Material: stainless steel	G-604	ACCESSORIO RICAMBIO
	Frame for mounting floodlight on pole		Material: galvanised steel	G-0534	ACCESSORIO RICAMBIO
	Sodium vapour and metal halide ballast	250 W	230V 50Hz	R-250NA	RICAMBIO
		400 W		R-400NA	
	Ceramic lamp holder	E40	750V - 16A	PORT.E40	RICAMBIO