

# JOULE

Technology	LED
Opt. temp.	70°C
Light output	1850 to 4625 lm
Control gear	Industrial lighting



## Key features

Suitable for high temperatures
Plug & Play installation by disconnectable plug
Supports repeated on/off switching
Long maintenance intervals
Durable and maintainable luminaire



## Options

Colour temperature	
3000 K	830
5000 K	850

Finishings	
End caps and fixing straps in stainless steel 316 L	MR

Housing	
Polycarbonate	PO

Black polyamide cable entries	
1 cable gland - cable Ø: 5 to 12 mm	113
1 cable gland - cable Ø: 7 to 14 mm	116
2 cable glands - cable Ø: 5 to 12 mm	213
2 cable glands - cable Ø: 7 to 14 mm	216

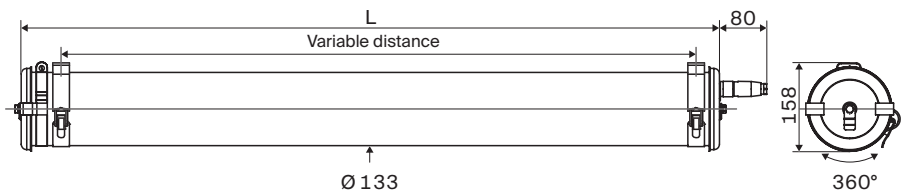
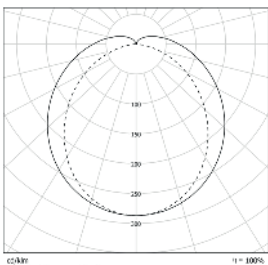
Nickel-plated brass cable entries	
1 cable gland - cable Ø: 5 to 14 mm	113LN
2 cable glands - cable Ø: 5 to 14 mm	213LN

Disconnectable cable (length 0.80 m)	
Output via high-temperature lead fitted with WIELAND 3-pole connector	CHT3

## Accessories

Protective covers
Fixings for brackets
Extension kit (5 or 20cm) for compliance (APSAD)
IP68 4-outlet junction box

## Photometry



## Main references

Light output* (lm)	Designation	Code	P (W)	T (K)	L (mm)
1850	JOU133 12H840 POME PS3 SA BRS	32120020	15	4000	677
2775	JOU133 13H840 POME PS3 SA BRS	32120040	22		987
3700	JOU133 14H840 POME PS3 SA BRS	32125055	35		1287
4625	JOU133 15H840 POME PS3 SA BRS	32120060	42		1587

\* Light output of the luminaire

## Specifications

Technical data	
Light source	Specific high-temperature LED modules 50,000 h L80/B50 at max. operating temperature Replaceable LED modules CRI > 80
Optics	Special LED-rated satin diffuser
Heat management	Aluminium heat sink
Control gear	Robust industrial-lighting electronic driver, non-dimmable Resistance to voltage surge: 320 V AC, 48 h Supports voltage peaks < 4kV
Power supply	220-240 V 50/60 Hz and 176 - 280 V DC Compatible with central source
Electrical class	Class I
Operating temperature	-20°C to +70°C
Connection	Disconnectable plug for Ø 8 to 10 mm cable (3 × 1.5 mm <sup>2</sup> )
Fixing	2 reinforced stainless steel fixing straps with spring clip
Method of construction	One-piece housing with high mechanical and chemical resistance Long-lasting ingress protection thanks to axial screw fitting
Materials	
Housing	Special polycarbonate housing protected by a coextruded PMMA layer
End caps, fixing straps	Stainless steel 304 L
Gaskets	Silicone
Standards	
Ingress protection	IP66, IP68 and IP69K
Shock resistance	IK10
Fire resistance	650°C
Vibration resistance	Meets the severe application requirements of standard EN 60598-1 (tested according to IEC 60068-2-6)