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ZONES 2, 21 AND 22 - REINFORCED RESISTANCE- BOROSILICATE GLASS - 2 LAMPS T8

DAVY 133

IMPERVIOUS LIGHT FITTING FOR DIFFICULT EXPLOSIVE ENVIRONMENTS

TUBULAR

Increased mechanical resistance
Easy to clean
Limited dirt accumulation
360° orientation

IMPERVIOUS (IP68)

Absolute imperviousness
No internal dust accumulation
Maximum light output
Adapted for pressure cleaning

ROBUST

Mechanical assembly insensitive to external mechanical and/or chemical aggression

DURABLE

High resistance to shocks and corrosion
Single piece casing, material and components selected to ensure long-term investment

DESCRIPTION

HOUSING

- Ø135 mm diffuser in borosilicate glass for corrosive environments
- Also available in coextruded polycarbonate/PMMA for chemically aggressive environments and outdoor lighting
- End caps 1/2 ring press-formed in 304L stainless steel (316L also available)
- Gaskets moulded in EPDM
- Cable entry with cable gland
- Possibility for a model with 2 cable entries for looping-in (2 cable glands with stopper plug or 1 cable gland and 1 blind plug at the same cap)

GEAR TRAY

- White powder coated steel sheet gear tray
- Hot cathode electronic gear unit (EEI A2)
- Industrial electronic ballast for difficult environments available
- Internal wiring with silicone isolation braided with glass fibre

REFLECTORS

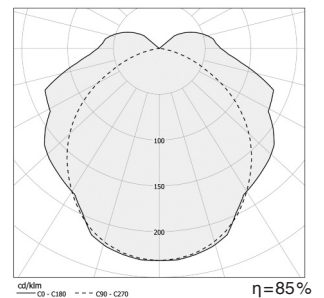
- White powder-coated gear tray acting as a reflector for general diffused lighting
- Range of technical reflectors in mirror finish aluminium sheeting available

INSTALLATION - MAINTENANCE

- Off-load opening in an explosive environment
- Connection to a 3x2,5mm² terminal block fixed to the removable end cap
- Attachment with 2 bolt-fitted stainless steel straps with variable centre distance and allowing 360° orientation (available as a reinforced model and/or with closure by HSHC screw)
- Maintenance: remove the end-cap, unlock and extract the gear tray

PHOTOMETRY

- 1 • Model with extensive reflector



PROTECTION AGAINST EXPLOSION

- Protection : Protection « n »
- Compliant with the ATEX 94/9/EC directive and standards IEC 60079-0, IEC 60079-15, IEC 60079-31

ELECTRICAL CLASS	CLASS 1
FIRE RESISTANCE	
Coex. polycarbonate/PMMA	650°C
Borosilicate glass	non-flammable
PROTECTION	IP68
SHOCK RESISTANCE	
Coex. polycarbonate/PMMA	IK10
Borosilicate glass	IK07
OPERATING TEMPERATURE	-20°C TO 40°C

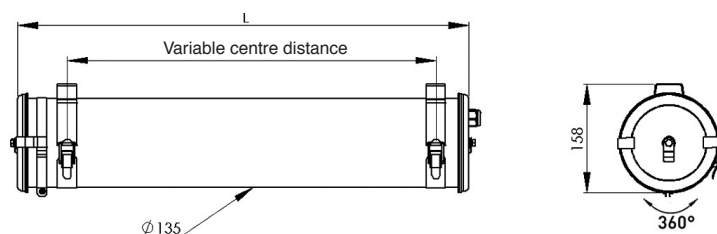


ZONES 2, 21 AND 22

CE 0080

II 3G Ex nA IIC T4 Gc

II 2D Ex tb IIIC T80°C Db IP68



MAIN REFERENCES – ELECTRONIC BALLAST VERSION

POWER	DESIGNATION	CODE	OPTICS	L(mm)	WEIGHT(kg)
	Version without reflector				
2x18W	DAV133 218E G13 PY 113 BRS	1982 0211		677	5,0
2x36W	DAV133 236E G13 PY 113 BRS	1982 0221		1287	9,1
2x58W	DAV133 258E G13 PY 113 BRS	1982 0231		1587	10,8
	Version with extensive reflector				
2x18W	DAV133 218E G13 PY 113 RE BRS	1982 0241		677	5,0
2x36W	DAV133 236E G13 PY 113 RE BRS	1982 0251		1287	9,1
2x58W	DAV133 258E G13 PY 113 RE BRS	1982 0261		1587	10,8

MAIN REFERENCES – INDUSTRIAL ELECTRONIC BALLAST VERSION

POWER	DESIGNATION	CODE	OPTICS	L(mm)	WEIGHT(kg)
	Version without reflector				
2x36W	DAV133 236I G13 PY 113 BRS	1982 0271		1287	9,1
2x58W	DAV133 258I G13 PY 113 BRS	1982 0281		1587	10,8
	Version with extensive reflector				
2x36W	DAV133 236I G13 PY 113 RE BRS	1982 0291		1287	9,1
2x58W	DAV133 258I G13 PY 113 RE BRS	1982 0301		1587	10,8

OPTIONS

DESCRIPTION	OPTION CODE	DESCRIPTION	OPTION CODE
CABLE ENTRIES		DIFFUSERS	
1 or 2 cable glands in black polyamide		Coex. polycarbonate/PMMA diffuser	POME
Cable Ø: 8-13 mm	113/213	FINISHINGS	
Cable Ø: 10-15 mm	116/216	End caps and fixing straps in 316L stainless steel	MR
1 cable gland in black polyamide and 1 blind plug (Hole Ø : 20 mm)		FIXINGS	
Cable Ø: 8-13 mm	113-1B	Reinforced bolt-fitted fixing straps with HSHC screw*	BRV
Cable Ø: 10-15 mm	116-1B	(*Tamper-resistant Torx screw on request)	
1 or 2 cable glands in nickel-coated brass		ACCESSORIES	
Ø câble : 5-14 mm	113LN/213LN	Protective covers	
GEAR UNIT		Fixing for columns	
5-point terminal block for phase balancing	C5P		

Option codes to be added or to replace the designation codes of main references, subject to the compatibility of options.