

ZONES 1, 2, 21 AND 22 - REINFORCED RESISTANCE - BOROSILICATE GLASS 1 OR 2 T8 LAMPS

HOPKINS 133

IMPERVIOUS EMERGENCY 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

- Ø133 mm borosilicate glass diffuser for corrosive environments
- Also available in coextruded polycarbonate/PMMA for outdoor lighting and chemically aggressive environments
- 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 cables 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
- Electronic gear unit with increased safety
- Gear unit with EOL (end of life) function
- Internal wiring with silicone isolation braided with glass fibre

REFLECTORS

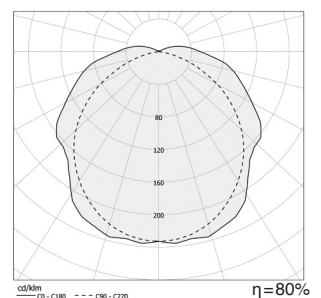
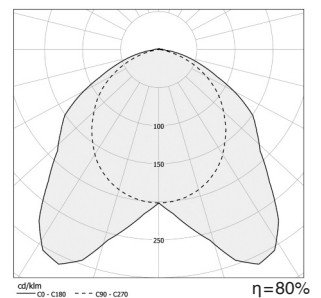
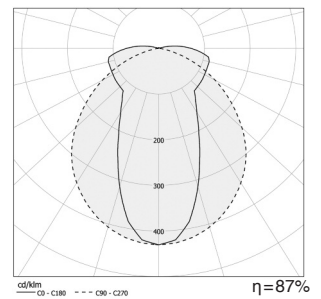
- White powder-coated gear tray acting as a reflector for general diffused lighting
- Range of technical reflectors in mirror finish aluminium sheeting available

INSTALLATION - MAINTENANCE

- Off-load opening in an explosive environment
- Connection to the gear tray via a 3x4mm² detachable and lockable terminal block
- 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: release the 2 closing screws, remove the end cap and extract the gear tray

PHOTOMETRY

- 1-1-T8-lamp model with intensive reflector
- 1-T8-lamp model with extensive reflector
- 2-T8-lamp model with extensive reflector



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 1, 2, 21 AND 22

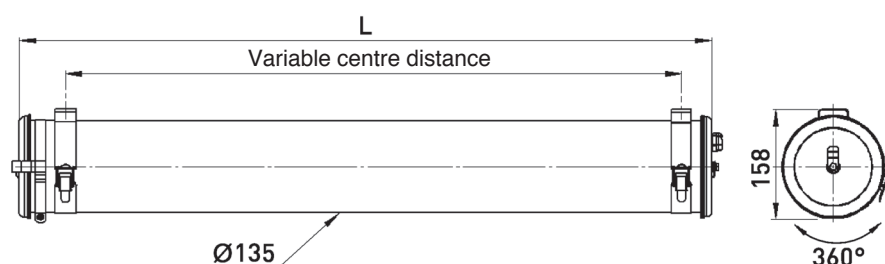
CE 0080

II 2G Ex e mb IIC T4 Gb

II 2D Ex tb IIIC T65°C Db IP68

PROTECTION AGAINST EXPLOSION

- Protection: increased safety
- Compliant with the ATEX 94/9/EC directive and standards
EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-18, EN 60079-31



MAIN REFERENCES - 1-LAMP MODEL

POWER	DESIGNATION	CODE	OPTICS	L(mm)	WEIGHT(kg)
Version without reflector					
1x18W	HOP133 118E G13 PY 113 BRS	1963 0011		745	5,9
1x36W	HOP133 136E G13 PY 113 BRS	1963 0021		1355	10,4
1x58W	HOP133 158E G13 PY 113 BRS	1963 0031		1655	11,9
Version with intensive reflector					
1x18W	HOP133 118E G13 PY 113 RI BRS	1963 0051		745	5,9
1x36W	HOP133 136E G13 PY 113 RI BRS	1963 0061		1355	10,4
1x58W	HOP133 158E G13 PY 113 RI BRS	1963 0071		1655	11,9
Version with extensive reflector					
1x18W	HOP133 118E G13 PY 113 RE BRS	1963 0081		745	5,9
1x36W	HOP133 136E G13 PY 113 RE BRS	1963 0091		1355	10,4
1x58W	HOP133 158E G13 PY 113 RE BRS	1963 0101		1655	11,9

MAIN REFERENCES - 2-LAMP MODEL

POWER	DESIGNATION	CODE	OPTICS	L(mm)	WEIGHT(kg)
Version without reflector					
2x18W	HOP133 218E G13 PY 113 BRS	1964 0011		745	6,1
2x36W	HOP133 236E G13 PY 113 BRS	1964 0021		1355	10,6
2x58W	HOP133 258E G13 PY 113 BRS	1964 0031		1655	12,4
Version with extensive reflector					
2x18W	HOP133 218E G13 PY 113 RE BRS	1964 0161		745	6,1
2x36W	HOP133 236E G13 PY 113 RE BRS	1964 0041		1355	10,6
2x58W	HOP133 258E G13 PY 113 RE BRS	1964 0171		1655	12,4

OPTIONS

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

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