

EVde HA/FC Series

EVde HA/FC range luminaires have been designed to house halogen and fluorescent compact lamps and to manage the light source, driving it where required by using of suitable reflectors and refractors.

Cast copper-free aluminium construction (Cu<0.1%) and tempered glass for lamp compartment EVde-.I./HA/FC luminaires can provide small dimensions/low weight combined with a wattage up to 140W.

The EVde HA/FC solution with built-in control gear and Ex e junction box, allows end users and contractors the possibility to save 1 junction box, 2 cable glands and a minimum of 30 minutes of labour during the installation process.

Specifications

Material

Copper-free aluminium (Cu<0.1%)

Temperature

-50°C to 60°C
See specific limitations in the relative tables for lamps typology
IP65-66

IP Rating

Approvals

- ATEX
- GOST

INERIS 01ATEX0019X
GOST Certificate

Standards

EN/IEC: 60079-0, 60079-1, 60079-7
EN: 61241-0, 61241-1

Ex-code

⚡ II 2 GD
Ex d IIC T5 / T4 / T3
Ex tD A21 IP65 T100°C / T135°C / T200°C
Ex de IIC T5 / T4 / T3
Ex tD A21 IP65 T100°C / T135°C / T200°C

Gaskets

According to European Directive 94/9/EC (ATEX)
For Zone 1 / Zone 2, Zone 21 / Zone 22
O-ring made in Nitrile Rubber (NBR)

Surface treatment

External polyurethane painting (RAL 6003)

Entries

Nr. 2 M25 entries

Hardware and Screw

Stainless steel external hardware

Lamps

Lamp included: Halogen/Fluorescent compact

Lamps Wattage

Up to 140W

Rated operation voltage (UE)

230 V

Accessories

GEV-...Protection guard

Available upon request

REV-...Standard reflector made of 99.85 aluminium painted white RAL 9003

Lampholder

Ceramic lamp holder

Note

**Adjustable stainless steel mounting bracket (included), suitable for ceiling; pendant; wall; pole installation
4x4sqmm+E mains terminal in Ex-e compartment (included)**





(HA) Halogen - Energy Saver

TYPE	CODE	LAMP [W]	LAMP TYPE	WEIGHT [kg]	TEMP. CLASS
EVde-2/HA 42	A.0400.41	42 (old 60W inc)	Halogen	3.10	T4
EVde-2/HA 70	A.0400.42	70 (old 100W inc)	Halogen	3.10	T4
EVde-2/HA 105	A.0400.43	105 (old 150W inc)	Halogen	3.10	T4
EVde-3/HA 140	A.0400.44	140 (old 200W inc)	Halogen	4.40	T4

(FC) Fluorescent Compact - Energy Saver long life (8000h)

TYPE	CODE	LAMP [W]	LAMP TYPE	WEIGHT [kg]	TEMP. CLASS
EVde-4/FC 45	A.0400.45	45 (old 200W inc)	Fluorescent	7.00	T4
EVde-4/FC 65	A.0400.46	65 (old 300W inc)	Fluorescent	7.00	T4
EVde-5/FC 75	A.0400.47	75 (old 400W inc)	Fluorescent	7.00	T4



REVD-... Dome reflector

made of 99.85, Polished and anodized aluminium

TYPE	CODE	For Lighting Fixtures TYPE	DIMENSION Ø A X B [mm]	WEIGHT [kg]
REVD-4	A.0504.10	EVde-4...	440 x 310	0.800
REVD-5	A.0530.79	EVde-5...	500 x 250	0.800

REV-... Standard reflector

made of 99.85 Painted Ral 9003 White

TYPE	CODE	For Lighting Fixtures TYPE	DIMENSION Ø A X B [mm]	WEIGHT [kg]
REV-2	A.0504.02	EVde-2 ...	320 x 89	0.270
REV-3	A.0504.03	EVde-3 ...	320 x 89	0.270
REV-4	A.0504.04	EVde-4 ...	400 x 89	0.370

GEV-... Protection guard

TYPE	CODE	For Lighting Fixtures TYPE	DIMENSION Ø A X B [mm]	WEIGHT [kg]
GEV-2*	A.0505.02	EVde-2 ...	153 x 140	0.230
GEV-3*	A.0505.03	EVde-3 ...	174 x 147	0.240
GEV-4*	A.0505.04	EVde-4 ...	188 x 200	0.320

* Stainless steel AISI 304 made

Dimensions

