

Lighting: Fluorescent & LED Tube Lighting Fixture, VFLS Series



A QUALITY PRODUCT

Zone 2 – 21

Specification

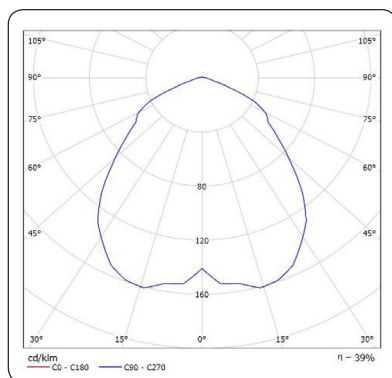
- Body material : Stainless steel, SUS 304 grade
- Glass lens : Clear tempered glass, heat and impact resistant
- Sealing gasket : Silicone -40 °C to +175 °C



Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21
Conforming to ATEX	II 3G	II 3D
Symbol of Protection ATEX	Ex nRc II Gc	Ex tb IIIC Db
Symbol of Protection IEC		
Standard	ATEX Directive 2014/34/EU, std. EN 60079-0:2012 + A11:2013, EN 60079-15:2010, EN 60079-31:2014	
	IECEx Scheme, std. IEC 60079-0:2011, IEC 60079-15:2010, IEC 60079-31:2013	
Ambient Temperature	-20 °C to +50 °C	
Index of Protection	IP66	
Entries	2 - Ø1/2" NPT	
Mounting	Pendant mount	
Rated Voltage	220-240V.AC. 50Hz. (THDi ≤ 10%, P.F. ≥ 0.98)	

Polar curve for VFLS-236



Catalogue Number

- VFLS** - **XXX** **XX** **D**
- Series Lamp Watt: (see catalogue number table) Type: none = Fluorescent lamp LED = LED tube LED Driver (25W LED tube only) Accessories: E = Emergency power unit

Lamp Watt	Voltage	Cat. No.	Ballast	Temp. Class (for zone 1, 2)		Max. Surface Temp* (for zone 21, 22)		Approx. Weight (kgs.)
				Ta 40 °C	Ta 50 °C	Ta 40 °C	Ta 50 °C	

T8 Fluorescent Lamp

1 x 32W.	220-240V.AC.	VFLS-132 <input type="checkbox"/>	Electronic	T6	T6	T85 °C	T85 °C	11.66
2 x 32W.	50/60Hz.	VFLS-232 <input type="checkbox"/>						11.86
1 x 36W.		VFLS-136 <input type="checkbox"/>						11.66
2 x 36W.		VFLS-236 <input type="checkbox"/>						11.86

T5 Fluorescent Lamp

1 x 28W.	220-240V.AC.	VFLS-128 <input type="checkbox"/>	Electronic	T6	T6	T85 °C	T85 °C	11.66
2 x 28W.	50/60Hz.	VFLS-228 <input type="checkbox"/>						11.86

Remark * : The maximum surface temperatures are specified for dust free condition. The dust layer which may cover around the lighting fixture will cause to higher surface temperature.

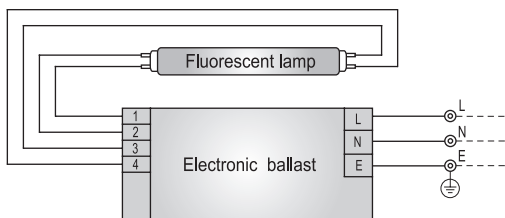
Zone 2 – 21

Catalogue Number

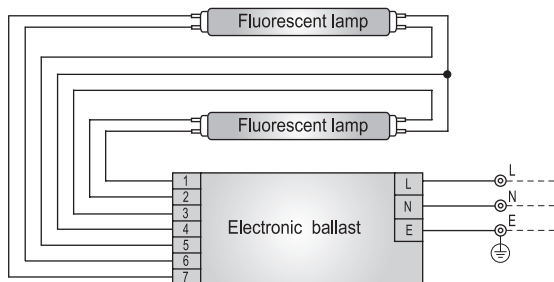
Lamp Watt	Voltage	Cat. No.	Ballast	Temp. Class (for zone 1, 2)		Max. Surface Temp* (for zone 21, 22)		Approx. Weight (kgs.)
				Ta 40 °C	Ta 50 °C	Ta 40 °C	Ta 50 °C	
LED Tube								
1 x 14W.	110-240V.AC.	VFLS-114LED □	–	T6	T6	T85 °C	T85 °C	11.66
2 x 14W.	50/60Hz.	VFLS-214LED □	–					11.86
1 x 15W.		VFLS-115LED □	–					11.66
2 x 15W.		VFLS-215LED □	–					11.86
1 x 16W.		VFLS-116LED □	–					11.66
2 x 16W.		VFLS-216LED □	–					11.86
1 x 18W.		VFLS-118LED □	–					11.66
2 x 18W.		VFLS-218LED □	–					11.86
1 x 20W.		VFLS-120LED □	–					11.86
2 x 20W.		VFLS-220LED □	–					11.86
1 x 22W.		VFLS-122LED □	–					11.66
2 x 22W.		VFLS-222LED □	–					12.86
1 x 25W.		VFLS-125LEDD □	LED Driver					12.00
2 x 25W.		VFLS-225LEDD □	LED Driver					12.15

Wiring Diagram

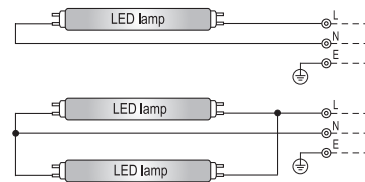
Electronic ballast (Econowatt) for fluorescent lamp;
1 x 28W. and 1 x 36W.



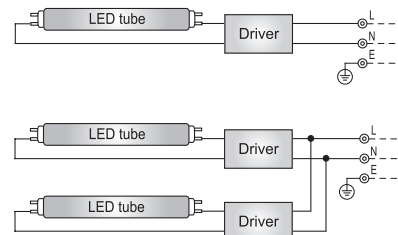
Electronic ballast (Econowatt) for fluorescent lamp;
2 x 28W. and 2 x 36W.



LED Tube without driver



LED Tube with driver (25W. only)



Dimension

