Lighting: Fluorescent & LED Lighting Fixture, NFLS Series

Restricted Breathing and Dust protection by enclosure

Zone 2 - 21 & 22

Application

NFLS series has been designed for zone 2 and zone 21, 22 $\,$

Specification

Body material : Stainless steel,

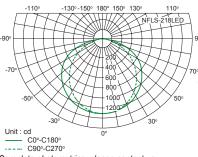
SUS 304 grade

Glass lens : Clear tempered glass,

heat and impact resistant

Sealing gasket : Silicone

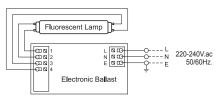
Luminous Intensity Distribution Curve



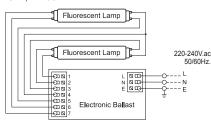
Complete photometrics, please contact us.

Wiring Diagram

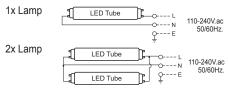
Electronic ballast for fluorescent lamp; 1x 28W., 1x 36W.



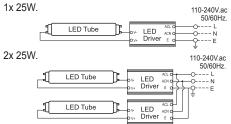
Electronic ballast for fluorescent lamp; 2x 28W., 2x 36W.



LED Tube without driver



LED Tube with driver (25W. only)



Technical Data

Mounting

Rated Voltage

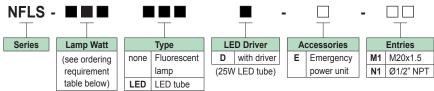
Hazardous Area	Gas	Dust					
Zones	2	21 & 22					
Equipment Group/Category	II 3G	II 2D					
Symbol of Protection	Ex nR IIC T6 Gc	Ex tb IIIC T85°C Db IP66					
Conformity to standards	EN IEC 60079-0:2018, EN 60079-15:2010,						
	EN 60079-31:2014						
Ambient Temperature	-20°C to +55°C						
Index of Protection	IP66						
Entries	Ø21.5mm. (for Ø1/2" NPT or M2	0x1.5)					



Ceiling mount (eye bolts)

110-240V.ac 50/60Hz

Catalogue Number Logic



Ordering Requirements and Dimension

Cat. No.	Lamp Watt	Voltage	Ballast	Temp. Class (for zone 2)		Max. Surface Temp.* (for zone 21 & 22)		Approx. Weight		
				Ta 40°C	Ta 55°C	Ta 40°C	Ta 55°C	(kgs.)		
T8 Fluorescent Lamp										
NFLS-136- □	1x 36W.	220-240V.ac	Electronic	T6	T6	T85°C	T85°C	11.66		
NFLS-236- □	2x 36W.	50/60Hz.						11.86		
T5 Fluorescent Lamp										
NFLS-128- □	1x 28W.	220-240V.ac	Electronic	T6	T6	T85°C	T85°C	11.66		
NFLS-228- □	2x 28W.	50/60Hz.						11.86		
LED Tube										
NFLS-114LED- □	1x 14W.	110-240V.ac 50/60Hz.	-	Т6	T6	T85°C	T85°C	11.66		
NFLS-214LED-	2x 14W.							11.86		
NFLS-115LED- □	1x 15W.							11.66		
NFLS-215LED- □	2x 15W.							11.86		
NFLS-116LED-□	1x 16W.							11.66		
NFLS-216LED- □	2x 16W.							11.86		
NFLS-118LED- □	1x 18W.							11.66		
NFLS-218LED- □	2x 18W.							11.86		
NFLS-120LED-□	1x 20W.							11.86		
NFLS-220LED- □	2x 20W.							11.86		
NFLS-122LED- □	1x 22W.							11.66		
NFLS-222LED-□	2x 22W.							12.86		
NFLS-125LEDD-	1x 25W.	110-240V.ac	LED	T6	T6	T85°C	T85°C	12.00		
NFLS-225LEDD- □	2x 25W.	50/60Hz.	Driver					12.15		

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.

