



Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous flux)
2x18W	90-240Vca/Vcc	2757,11 Lm
2x36W		4434,93 Lm

*Fluxo luminoso referente à CW./ Luminous flux referring to CW.

*Fluxo luminoso NW e WW solicitar./ Luminous flux NW and WW request.

Potência (Power)	Peso/Weight (Kg)			
	Sem Emergência (No Emergency)		Com Emergência (With Emergency)	
	Al / AC	AL	Al / AC	AL
2X18W	3,8	3,26	3,8	3,26
2X36W	7,4	6,51	7,4	6,51

Marcação/Marking	
Gases	Ex nR IIC T* Gc Ex ec IIC T* Gc
Pó(Dusty)	Ex tb IIIC T85°C Db
Classe de Temperatura (Temperature Class)	T5/T100°C T4/T135°C
Grau de Proteção (Protection degree)	IP66/IP67 IP66W/IP67W
Zonas (Zones)	2, 21 e 22
Temperatura de Operação (Protection degree)	-20°C ≤ Ta ≤ +50°C
Certificado(Certificate)	TÜV 12.2169

Descrição do Produto/Product description

Luminária metálica de respiração restrita para lâmpadas fluorescentes, com ou sem sistema de emergência;

Corpo: Aço carbono, aço inox ou alumínio copper free;

Cor: Branca. Outras sob consulta;

Diffusor: Policarbonato de alta resistência mecânica com proteção a raios UV;

Refletora: Branco;

Lâmpada: Fluorescente tubular;

Reator: Eletrônico (circuito independente);

Proteção: Contra curto circuito, sobretensão, sobrecorrente;

Fator de Potência: > 0,95;

Frequência: 50/60Hz;

Bateria: Autonomia: mínimo 1:30 horas. Atendendo a norma NBR 10.898:2013;

Entrada: Por prensa cabo (Ver Tabela);

Terminais: Para cabos de até 4mm²;

Aterramento externo: Disponível;

Impacto: Ik08;

Vida útil: ≥ 60000 horas;

Garantia: 5 anos;

Normas técnicas: ABNT NBR IEC 60079-0/1/5/7/18/31, ABNT NBR IEC 60529;

Nota: Outras tensões sob consulta.

Restricted breathing metal luminaire for fluorescent lamps, with or without emergency system;

Body: Carbon steel, stainless steel or copper-free aluminum;

Color: White. Others under consultation;

Diffuser: High mechanical strength polycarbonate with UV protection;

Reflector: White;

Lamp: Tubular fluorescent;

Reactor: Electronic (independent circuit);

Protection: Against short circuit, overtemperature, overvoltage, undervoltage, overcurrent;

Power Factor: > 0.95;

Frequency: 50/60Hz;

Battery: Autonomy: minimum 1:30 hours. Meeting standard NBR 10.898:2013;

Input: By cable press (See Table);

Terminals: For cables up to 4mm²;

External grounding: Available;

Impact: Ik08;

Service life: ≥ 60000 hours;

Warranty: 5 years;

Technical standards: ABNT NBR IEC 60079-0/1/5/7/18/31, ABNT NBR IEC 60529;

Note: Other tensions on request.



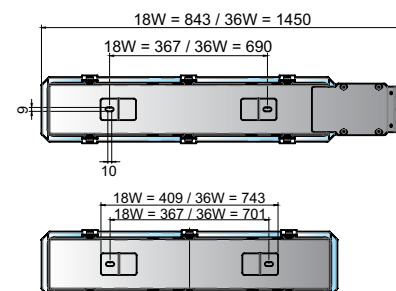
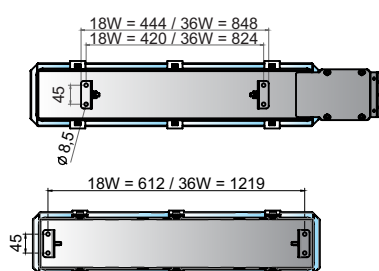
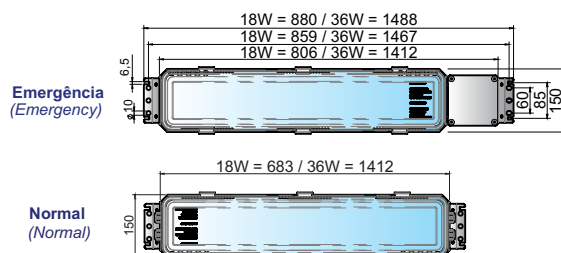
Suporte Simples (SP)
(Simple Support)

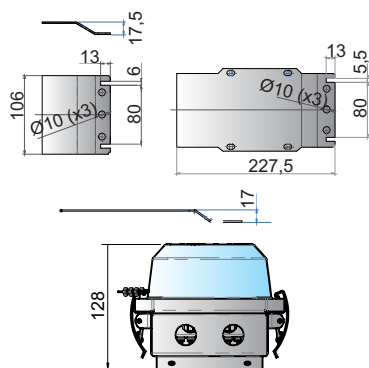
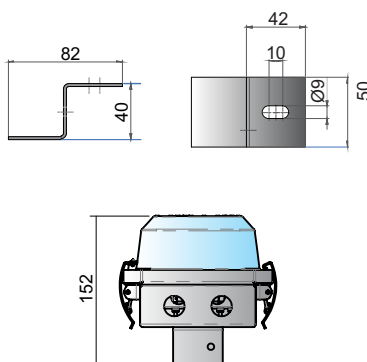
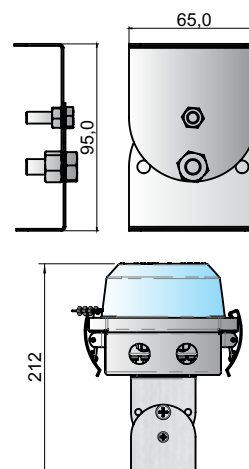


Suporte Teto Parede Angular (TA)
(Support Roof Angular Wall)

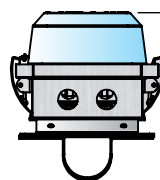
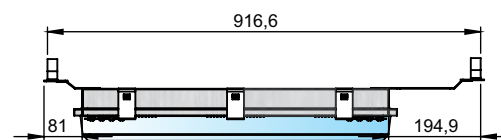


Suporte Z (ZZ)
(Support Z)



Suporte Simples (SP)
(Simple Support)**Suporte Z (ZZ)**
(Support)**Suporte Teto parede Angular (TA)**
(Support Roof Angled Wall)

PRENSA CABOS E/OU TAMPÕES (Cable grand and/or stopping plug)			ALUMÍNIO Aluminium	LATÃO NIQUELADO Nickel brass	AÇO INOX Stainless Steel	POLIAMIDA Polyamide
MODELO Model	ROSCA Thread	RANGE Range				
PRENSA CABO Cable Press A2F 148	M20P	3,5-11,5	02A	02L	02I	N/A
	M20G	8,0-16,0	03A	03L	03I	
	M25P	8,0-16,0	04A	04L	04I	
	M25	13,0-20,0	05A	05L	05I	
PRENSA CABO Cable Press E1F 147	M20P	8,0-11,5/12,9-15,8	07A	07L	07I	
	M20G	11,0-13,5/15,5-20,8	08A	08L	08I	
	M25	13,0-19,5/20,3-27,2	09A	09L	09I	
PRENSA CABO Cable Press E1F 160	M20P	6,0-12,0/9,5-16,0	10A	10L	10I	
	M20G	8,0-14,0/12,5-21,0	11A	11L	11I	
	M25	10,5-19,5/15,5-25,0	12A	12L	12I	
	M25P	8,0-14,0/12,5-21,0	13A	13L	13I	
PRENSA CABO Cable Press A2 159	M20P	6,0-12,0	N/A			15P
	M20G	10,0-14,0				16P
	M25	6,0-14,0				17P
	M25G	14,0-18,0				18P
TAMPÃO Cap 158	M20	N/A	20A	20L	20I	20P
	M25		21A	21L	21I	21P

Suporte Abraçadeira Tubular
(Tubular Clamp Support)

175,9

3I - 3/4" Aço Inox/Stainless steel
 0I - 1" Aço Inox/Stainless steel
 1I - 1 1/4" Aço Inox/Stainless steel
 2I - 1 1/2" Aço Inox/Stainless steel
 5I - 2" Aço Inox/Stainless steel
 4I - 4" Aço Inox/Stainless steel
 3C - 3/4" Aço Carbono/Carbon Steel
 0C - 1" Aço Carbono/Carbon Steel
 1C - 1 1/4" Aço Carbono/Carbon Steel
 2C - 1 1/2" Aço Carbono/Carbon Steel
 5C - 2" Aço Carbono/Carbon Steel
 4C - 4" Aço Carbono/Carbon Steel

**Potência
(Power)**

118 - 1x18W
 218 - 2x18W
 136 - 1x36W
 236 - 2x36W

**Código Raiz/Root code
Maccomevap****Material(Material)**

A- Alumínio (Aluminum)
 I- Aço Inóx (Non-Corrosive Steel)
 C- Aço Carbono (Carbon Steel)

ML011

1

218

9S

I

SP

+

04A

04A

21P

21P

**Quant. de Reatores
(Quantity of Reactors)**

0- Sem Reator/No Reactors
 1- 01 Reator/01 Reactors
 2- 02 Reatores/02 Reactors

Suporte(Support)

De acordo com desenhos acima
 (According to Above Drawings)
 Ex: SP- Suporte Simples/ Simple Support

Tensão(Voltage)

9S - 90~240 Vca/Vcc
 3N - 90~240 Vca/Vcc (Emerg. ON-ON)
 3F - 90~240 Vca/Vcc (Emerg. OFF-ON)
 CN - 220 Vca (Emerg. ON-ON)
 CO - 127 Vca (Emerg. ON-ON)
 CF - 220 Vcac (Emerg. OFF-ON)
 CE - 127 Vca (Emerg. OFF-ON)

Auto teste

**Funcionamento
Sistemas de emergência
Operation
(Emergency Systems)**

Lâmpadas	ON/ON ¹	OFF/ON ²
2x18W	1x6W	2x3W
2x36W	1x6W	1x6W

ON/ON¹ - Luminária "LIGADA" e continua "LIGADA" na falta de energia.
 (Luminaire "ON" and remains "ON" in the absence of power.)

OFF/ON² - Luminária "DESLIGADA" e "LIGADA" na falta de energia.
 (Luminaire "OFF" and "ON" in the absence of power.)

³ - Dois reatores, ligação independente. (Somente sem emergência).
 (Luminaire "OFF" and "ON" in the absence of power.)

* Outras conexões sob consulta (Other Connections on Request)