



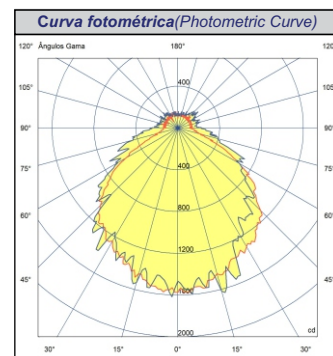
Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous flux)
31W	85-320Vca/108-250Vcc	5634,37 Lm
60W	90~240Vca/Vcc	8138,02 Lm

*Fluxo luminoso referente à CW/Luminous flux referring to CW.
*Fluxo luminoso NW e WW solicitar/Luminous flux NW and WW request.

Potência (Power)	S/ Emerg. (No emergency)	C/ Emerg. (With emergency)
31W	7,8	9
60W	9,5	10,8

Temperatura de cor CCT- Correlated Color Temperature	
CW	6500K
NW	4000K
NW	5000K
WW	3300K

Marcação/Marking	
Gases	Ex db eb mb IIC T6 Gb
Pó(Dusty)	Ex tb IIIC T80°C Db
Classe de Temperatura (Temperature Class)	T6/T80°C
Grau de Proteção (Protection degree)	IP66W/IP67W
Zonas(Zones)	1, 2, 21 e 22
Temperatura de Operação (Protection degree)	-20°C ≤ Ta ≤ +50°C
Certificado(Certificate)	TÜV 13.0094X



Descrição do Produto/Product description

Luminária não metálica de segurança aumentada LED MACCOME VAP, com ou sem sistema de emergência.

Corpo: Poliéster reforçado com fibra de vidro;
Difusor: Policarbonato resistente a 7 joules de impacto, basculante com proteção a raios UV - Antiofuscante - canelado;
Refletor: Branco;
IRC: >70;
Aprovações: LM 80, LM 79;
Microchave: Equipamento de segurança que interrompe a alimentação;
Driver: Eletrônico encapsulado (DPS incorporado);
Proteção: Contra curto circuito, sobretensão, sobrecorrente, sobretensão, subtensão, sobrecorrente;
Fator de Potência: >0,95;
Frequência: 50/60Hz;
Bateria: Autonomia: 3 horas atendendo a ABNT NBR 10.898:2013, que determina min.1:30 horas;
Entrada: Por prensa cabo(Ver tabela);
Terminais: Para cabos de até 6mm². (Indicar na formação de código);
Aterramento externo: Disponível;
Impacto: Ik08;
Vida Útil: 60000 horas;
Garantia: 5 anos;
Normas técnicas: ABNT NBR IEC 60079-0/1/7/18/31; ABNT NBR IEC 60529;
Nota: Outras tensões sob consulta.

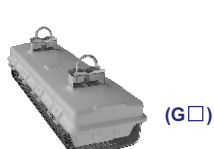
Non-metallic LED MACCOME VAP increased safety lamp, with or without emergency system.

Body: Reinforced polyester with fiberglass
Diffuser: Polycarbonate resistant to 7 joules of impact, tilting with UV protection - Anti-glare - ribbed;
Reflector: White;
IRC: >70;
Approvals: LM 80, LM 79;
Microkey: Safety equipment that interrupts the supply;
Driver: Encapsulated electronic (DPS incorporated);
Protection: Against short circuit, overheating, overvoltage, undervoltage, overcurrent;
Power Factor: >0,95;
Frequency: 50/60Hz;
Battery: Autonomy: 3 hours serving ABNT NBR 10.898:2013, which determines min.1:30 hours;
Input: By press cable(See table)
Terminals: For cables up to 6mm². (Indicate the code formation);
External grounding: Available;
Impact: IK08;
Useful Life: 60000 hours;
Warranty: 5 years;
Technical standards: ABNT NBR IEC 60079-0/1/7/18/31; ABNT NBR IEC 60529;
Note: Other tensions under review.

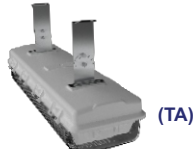
Suporte Simples de Teto
(Simple Ceiling Support)



Suporte Grampo
(Clamp Support)

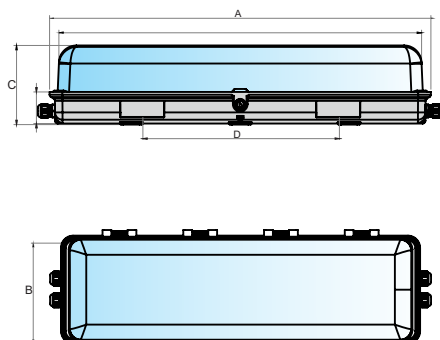


Suporte Teto Parede Angular
(Support Ceiling Angular Wall)



Suporte Olhal
(Look support)

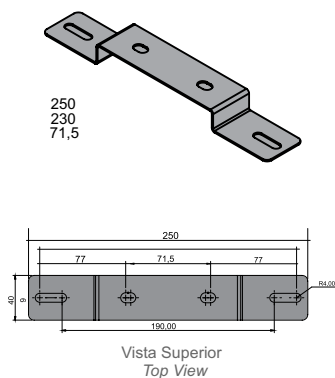




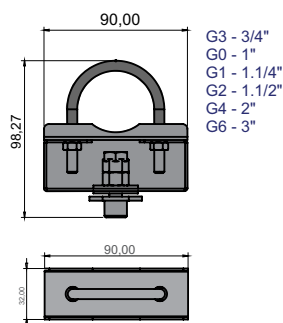
Sobressalentes/Spare	
Código(Code)	Item
MBATCXNT05	CJ Bateria 31W
MBATCXNT08	CJ Bateria 60W
MLAVFDIF2PO	CJ Difusor 31W
MLAVFDIF4PO	CJ Difusor 60W
ML010LCJ31C	CJ barra Led 31W
ML010LCJ56C	CJ barra Led 60W
MLAVFCJ0063	CJ Trava do Difusor 31W
MLAVF0012	CJ Trava do Difusor 60W
Ver Catálogo de driver	Driver
MLAVFCJ0055	Inversor 31W
MLAVFCJ0056	Inversor 60W
MMC777MODL	Microchave para ligação normal
MMC777MODL + MMC777MOML	CJ Microchave para ligação em emergência
MLAVFVD2DIF	Vedação Difusor 31W
MLAVFVD4DIF	Vedação Difusor 60W

Tabela de dimensões/Dimension table				D (entre suportes) D (between supports)	
Potência Power	A	B	C	(G, OL, SP)	(TA)
31W	700	210	145	400	407,7
60W	1306	210	145	800	809

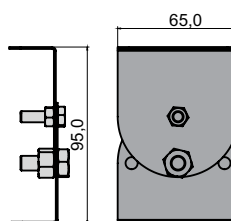
Suporte simples de Teto (ST) (Simple Ceiling Support)



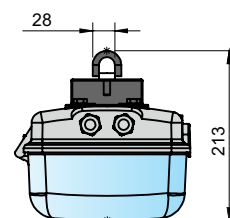
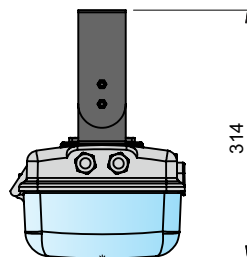
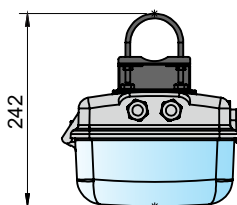
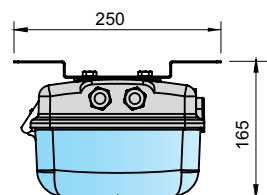
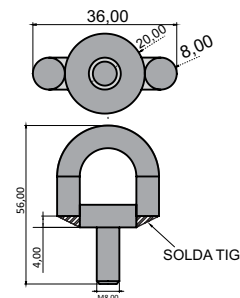
Suporte Grampo (G□) (Clamp Support)



Suporte Teto parede Angular (TA) (Angular Ceiling Wall Support)



Suporte Olhal (OL) (Olhal Support)



* - Dois drivers, ligação independente. (Somente sem emergência)/

Two drivers, independent connection. (Only without emergency)

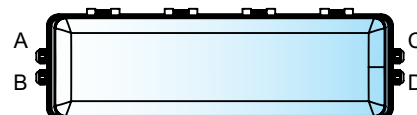
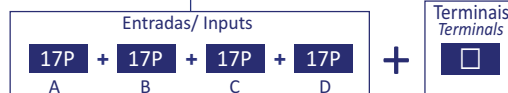
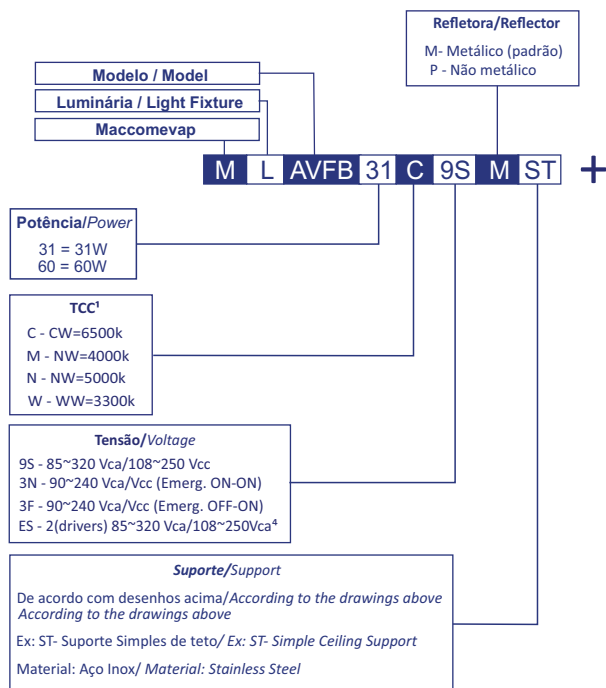
* - TCC -Temperatura de cor correlata/ Correlated color temperature

* Outras conexões sob consulta/ Other connections on request

PRENSA CABOS E/OU TAMPÕES (Cable grand and/or stopping plug)			ALUMÍNIO Aluminium	LATÃO NIQUELADO Nickelized brass	AÇO INOX Stainless steel	POLIAMIDA Polyamide
MODELO Model	ROSCA Thread	RANGE Range				
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	
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	
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	10,5-19,5/16,5-25,0	12A	12L	12I	
	M25P	8,0-14,0/12,5-21,0	13A	13L	13I	
A2 159	M20P	6,0-12,0	N/A			15P
	M20	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

* Padrão de fornecimento Poliamida M25 (6-14mm) MAC.EXE.159.

* Polyamide supply standard M25 (6-14mm) MAC.EXE.159



Nota: As entradas não escolhidas devem ser preenchidas com "000".
Note: The unselected entries must be filled with '000'.

Em branco - Para cabos até 2,5mm² (Padrão)
6 - Para cabos até 6,mm².
In white - For cables up to 2.5mm² (Standard)
6 - For cables up to 6mm².

Funcionamento/Operation		
Sistemas de emergência/Emergency systems		
LED	ON/ON ¹	OFF/ON ²
2x15,5W	1x7W	2x3,5W
2x30W	1x10W	1x10W

ON/ON¹ - Luminária "LIGADA" e continua "LIGADA" na falta de energia.
The lamp is 'ON' and remains 'ON' during a power outage.

OFF/ON² - Luminária "DESLIGADA" e "LIGADA" na falta de energia.
Lamp 'OFF' and 'ON' in case of power failure.

¹ - Dois drivers, ligação independente. (Somente sem emergência!/
Two drivers, independent connection. (Only without emergency)

⁴ - TCC -Temperatura de cor correlata/ Correlated color temperature

* Outras conexões sob consulta/ Other connections on request