



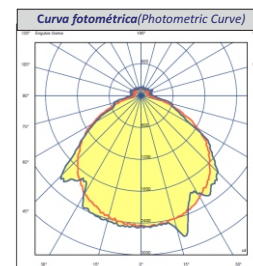
Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous flux)
31W	85-320Vca/108-250Vcc	4190,79 Lm
60W	100~240Vca/Vcc	8649,62 Lm

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

Peso/Weight (kg)				
Potência (Power)	S/ Emergência (No Emergency)		C/ Emergência (With Emergency)	
	Al / AC	AL	Al / AC	AL
31W	4,6	4	7,1	6,56
60W	8,9	8	12,51	10,5

Marcação/Marking	
Gases/Gases	Ex nR IIC T6 Gc Ex ec IIC T6 Gc
Pó/Dust	Ex tb IIIC T85°C Db
Classe de Temperatura(IP) (Temperature Class)	T6/T85°C
Grau de Proteção (IP) (Protection Degree)	IP66/IP67 (AC) IP66W/IP67W (Al, AL)
Zonas (Zones)	2, 21 e 22
Temperatura de Operação (Operation temperature)	-20°C ≤ Ta ≤ +50°C

Temperatura de cor CCT- Correlated Color Temperature	
CW	5700K
NW	4000K
NW	5000K
WW	3300K



Descrição do Produto/Product description

Luminária metálica LED MACCOME VAP respiração restrita 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;
THD: ≤10%;
IRC: >70;
Aprovações: LM80, Lm79;
Microchave: Equipamento de segurança que interrompe a alimentação;
Driver: Eletrônico encapsulado (DPS incorporado);
Proteção: Contra curto circuito, sobretemperatura, sobretensão, subtensão, sobrecorrente;
Fator de Potência: > 0,95;
Frequência: 50/60Hz;
Bateria: Autonomia: mínimo 1:30 h. 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 60079-0/1/7/18/31, ABNT NBR IEC 60529;
Nota: Outras tensões sob consulta.
Certificado: Ex TÜV 12.2172.

Metal LED luminaire MACCOME VAP restricted breathing with or without emergency system.

Body: Carbon steel, stainless steel or aluminum copper free;
Color: White. Others under consultation;
Diffuser: High mechanical strength polycarbonate with UV protection;
THD: 10%;
IRC: >70;
Approvals: LM80, Lm79;
Microkey: Safety equipment that interrupts the supply;
Driver: Electronic encapsulated (embedded DPS);
Protection: Against short circuit, over temperature, over voltage, under voltage, over current;
Power factor: > 0.95;
Frequency: 50/60Hz;
Battery: Autonomy: minimum 1:30 h. Meeting the NBR 10.898:2013 standard;
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 60079-0/1/7/18/31, ABNT NBR IEC 60529;
Note: Other tensions under consultation.
Certificate: Ex TÜV 12.2172.



Suporte Simples - (SP)
(Simple Support)

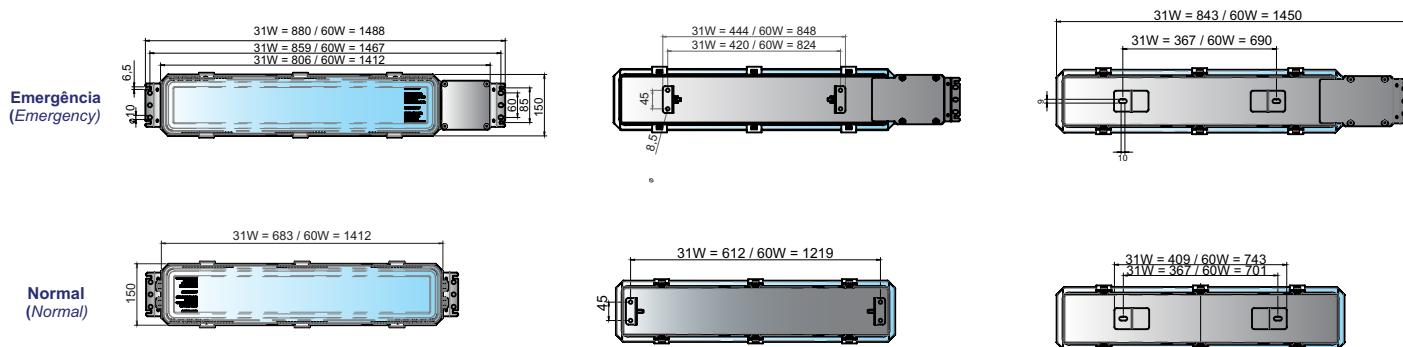


Suporte Teto Parede Angular - (TA)
(Angular Wall Ceiling Support)

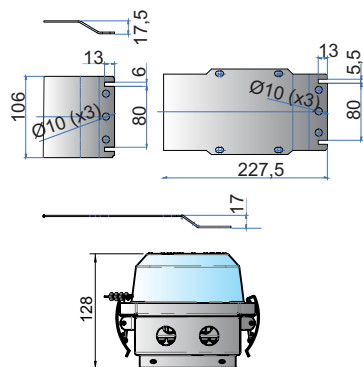


Suporte Z - (ZZ)
(Z Support)

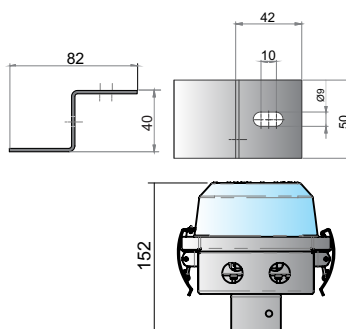
Desenho dimensional/ Dimensional Drawing



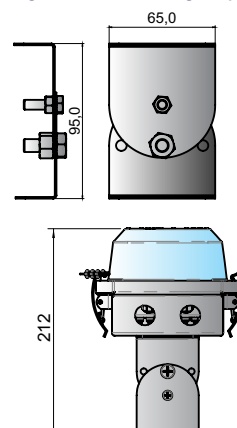
Suporte Simples (SP) (Simple Support)



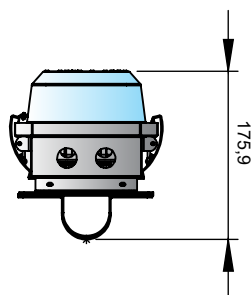
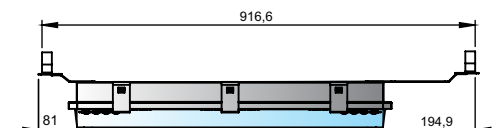
Suporte Z (ZZ)
(Z Support)



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



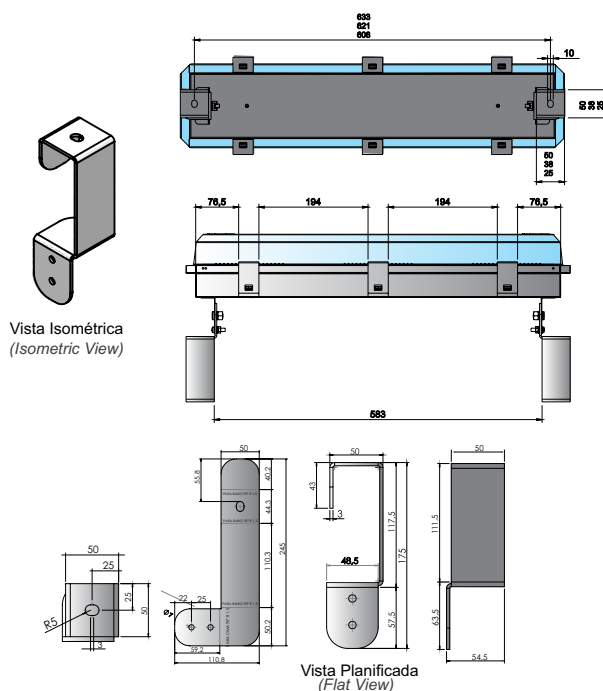
Suporte Abraçadeira Tubular (Tubular Clamp Holder)



3I - 3/4" Aço Inox
0I - 1" Aço Inox
1I - 1 1/4" Aço Inox
2I - 1 1/2" Aço Inox
4I - 4" Aço Inox
3C - 3/4" Aço Carbono
0C - 1" Aço Carbono
1C - 1 1/4" Aço Carbono
2C - 1 1/2" Aço Carbono
4C - 4" Aço Carbono

Suporte Angular Perfilado para eletrocalha
(Angled support for electrochute)

E2 - Eletrocalha- 25x25
E3 - Eletrocalha- 38x38
E5 - Eletrocalha- 50x50

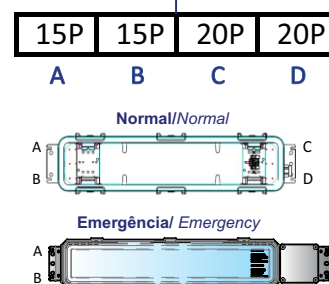
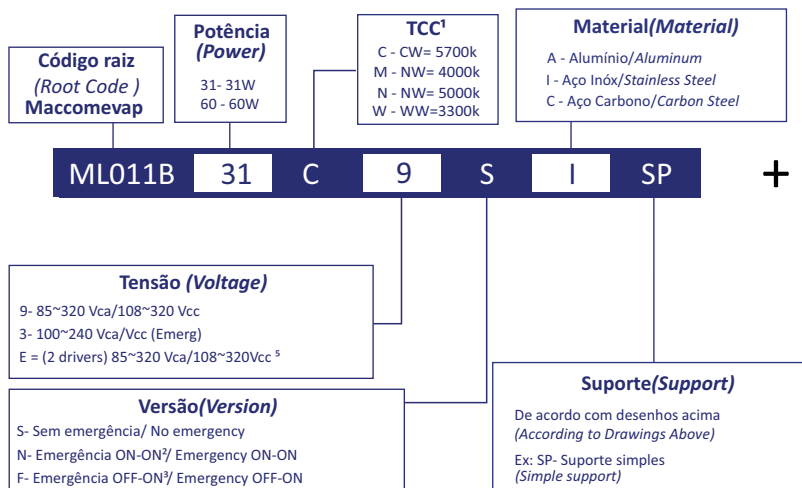


ML011-(Código raiz/Root Code)
LED

PRENSA CABOS E/OU TAMPÕES (Cable grand and/or stopping plug)			ALUMÍNIO Aluminum	LATÃO Nicked brass	ATO 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	
	M20P	6,0-12,0 / 9,5-16,0	10A	10L	10I	
PRENSA CABO (Cable Press) E1F 160	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	
	M20P	6,0-12,0	N/A			15P
PRENSA CABO (Cable Press) A2 159	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 M20 (6-12mm) MAC.EXE.159
(Supply standard Polyamide M20 (6-12mm) MAC.EXE.159)

Sobressalentes/Spare	
Código(Code)	Item(Item)
MBATNPN45125A	CJ Bateria 31W
MBATNPN45128A	CJ Bateria 60W
ML010NDIF2PO	CJ Difusor 31W
ML010NDIF4PO	CJ Difusor 60W
MMLEDN1BD031	CJ led 31W CW
MMLEDN1BD056	CJ led 60W CW
Ver catálogo de driver	Driver
ML010CJDIV007C	Fecho Carbono
ML010CJDIV007I	Fecho Inox
ML010CJDIV31C	CJ do Fecho 18W Carbono
ML010CJDIV60C	CJ do Fecho 36W Carbono
ML010CJDIV31C	CJ do Fecho 18W Inox
ML010CJDIV60C	CJ do Fecho 36W Inox
MLAVFNCJ0055	Inversor 31W
MLAVFNCJ0056	Inversor 60W
ML010NDIF2PO	Vedação 31W
ML010NDIF4PO	Vedação 60W



* Outras conexões sob consulta. (Other connections on request).

1 - TCC - Temperatura de cor correlata. (Correlates color temperature).

2 - Sistema de emergência ON/ON - Luminária permanece "LIGADA" e continua ligada na falta de energia. (Emergency ON/ON system - luminaire remains "ON" and remains on in power failure).

3 - Sistema de emergência OFF/ON - Luminária permanece "DESLIGADA" e liga na falta de energia. (Emergency OFF/ON system - luminaire stays "OFF" and turns on in power failure).

4 - OFF/ON - 31W/60W - Potência total de 7W/10W. (OFF/ON - 31W/60W - potência total de 7W/10W).

5 - Dois drivers, ligação independente. (Two drivers, independent connection).