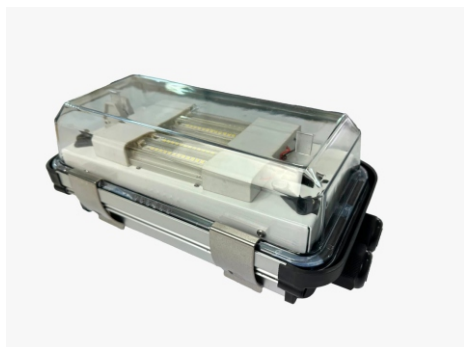




Descrição do Produto/Product description

Luminária metálica de segurança aumentada LED MACCMEVAP, com ou sem sistema de emergência.

Corpo: Alumínio extrudado;

Cor: Alumínio natural. Outras sob consulta;

Difusor: Policarbonato resistente a 7 joules de impacto, com proteção a raios UV e sistema antiqueda);

THD: ≤10%;

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;

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);

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 12.2169.

Potência (Power)	Tensão (Voltage)
31W	85-320Vca/108-250Vcc
60W	100~240Vca/Vcc

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 (IP) (Protection Degree)	IP66/IP67 (AC) IP66W/IP67W (AI,AL)
Zonas(Zones)	1, 2, 21 e 22
Temperatura de Operação (Operation temperature)	-20°C ≤ Ta ≤ +50°C

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

LED MACCMEVAP increased safety metal luminaire, with or without emergency system.

Body: Extruded aluminum;

Color: natural aluminum. Others upon request;

Diffuser: 7-joule impact resistant polycarbonate, with UV protection and anti-fall system);

THD: 10%;

IRC: >70;

Approvals: LM 80, LM 79;

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: 3 hours meeting ABNT NBR 10.898:2013, which determines min.1:30 hours;

Input: By cable press (see table);

External Grounding: Available;

Impact: Ik08;

Lifetime: > 60000 hours;

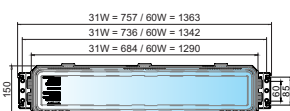
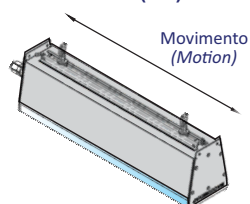
Warranty: 5 years;

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

Note: Other tensions under consultation.

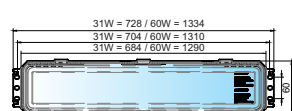
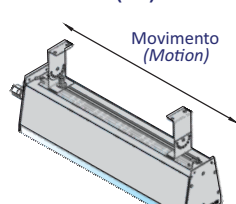
Certificate: Ex TÜV 12.2169.

Suporte Olhal Regulável
(Adjustable Olhal Support)
(OL)



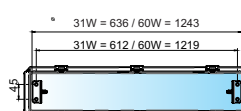
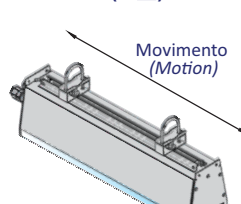
Normal

Suporte Teto Angular
(Adjustable Olhal Support)
(TA)



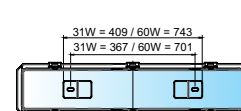
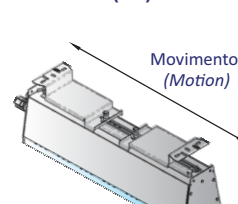
Normal

Suporte Grampo
(Grampo Support)
(G□)



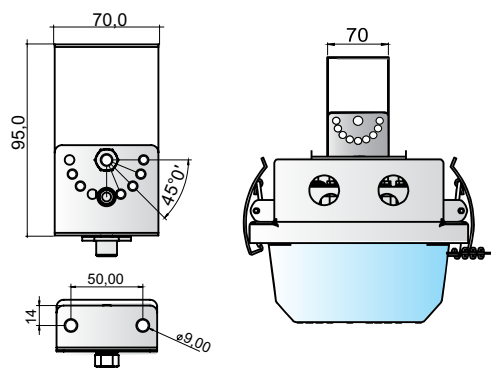
Normal

Suporte Ajustável
(Adjustable Stand)
(TA)

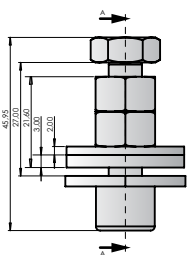
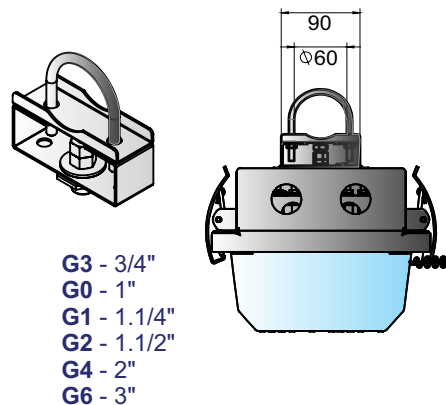


Normal

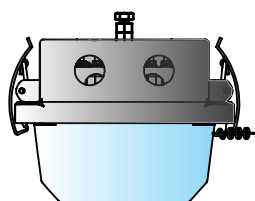
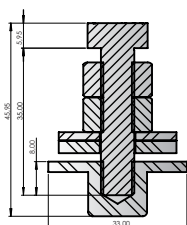
Suporte Teto Parede Angular- (TA) (Angular Wall Ceiling Support)



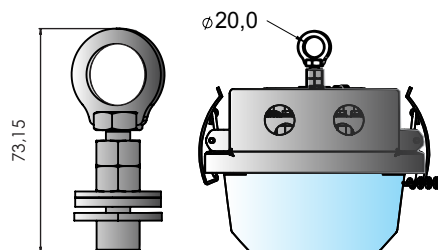
Suporte Grampo- (G) (Grampo Support)



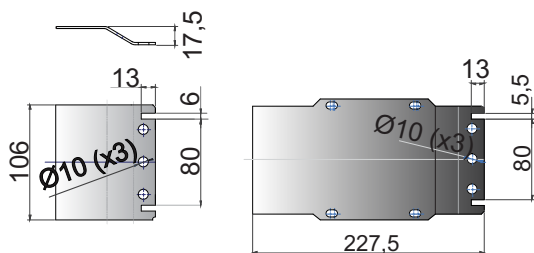
Suporte Regulável- (SR) (Adjustable Stand)



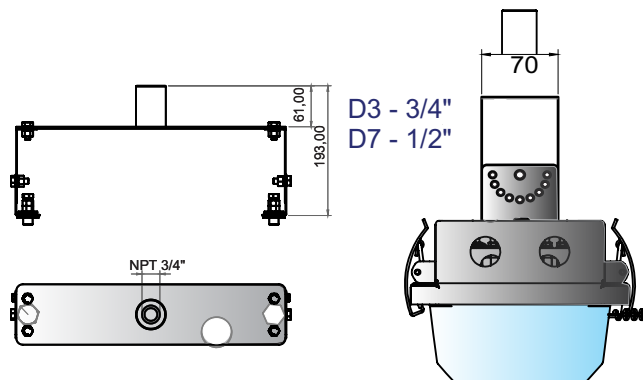
Suporte Olhal Ajustável- (OL) (Adjustable Olhal Support)



Suporte Simples- (SP) (Simple Support)

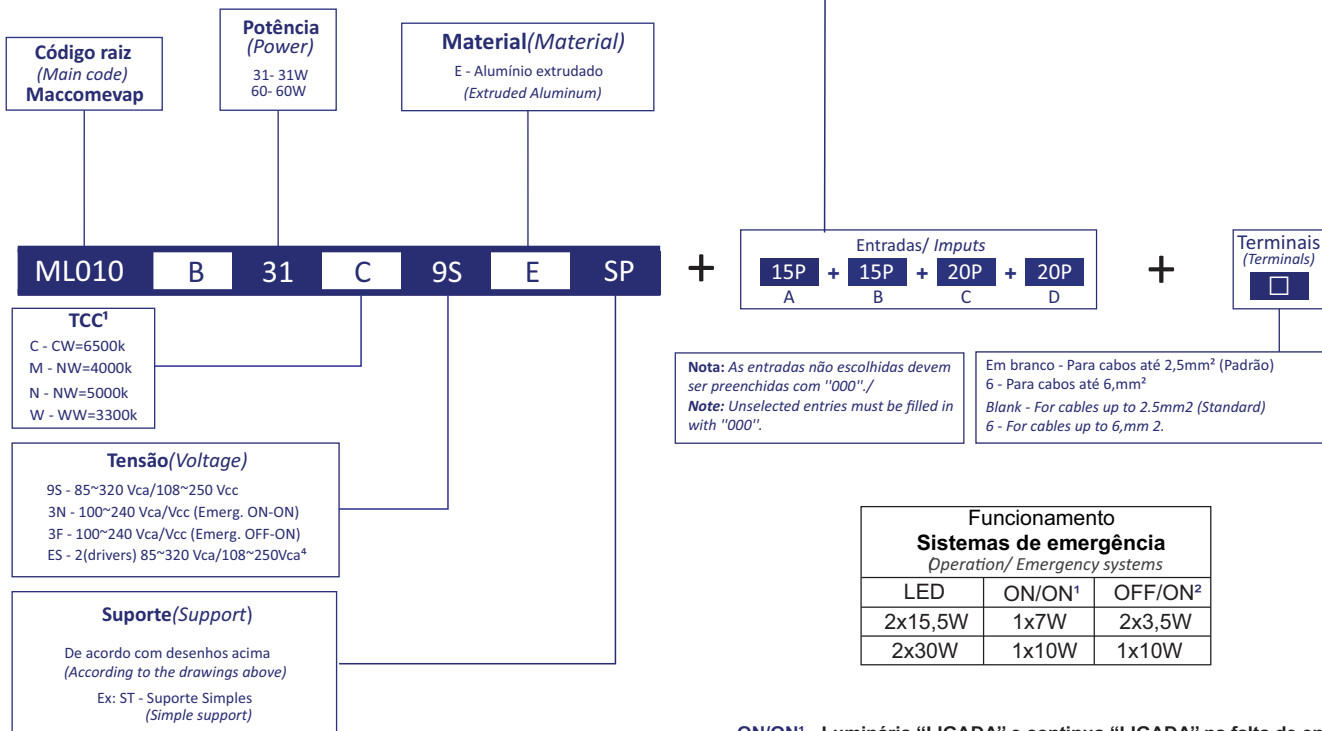


Suporte Pendente para Fixação de Eletroduto- (D) (Pendant Bracket for Electroduct Fixation)



PRENSA CABOS E/OU TAMPÕES (Cable and/or buffer Press)			ALUMÍNIO Aluminum	LATÃO NIQUELADO Nickel plated 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
	M25P	6,0-14,0				17P
	M25G	14,0-18,0				18P
TAMPÃO (Cap)	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



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

OFF/ON² - Luminária "DESLIGADA" e "LIGADA" na falta de energia.
Luminaire "OFF" and "ON" in power failure.

³ - 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)

