



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

Potência	Peso(Weight)/ KG			
	S/ Emergência		C/ Emergência	
	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	Ex db eb mb IIC T6 Gb
Pó	Ex tb IIIC T80°C Db
Classe de Temperatura	T6/T80°C
Grau de Proteção	IP66/IP67 (AC)
	IP66W/IP67W (Al,AL)
Zonas	1, 2, 21 e 22
Temperatura de Operação	-20°C ≤ Ta ≤ +50°C

Descrição do produto/ Product Description

**Luminária metálica de segurança aumentada LED
MACCOME VAP, 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, sobretemperatura, sobretensão, subtensão, sobrecorrente;

Fator de Potência: > 0,95;

Frequência: 50/60Hz;

Bateria: Autonomia: mínimo 1:30 h. Norma NBR 10.898:2013;

Entrada: Por prensa cabo (Ver Tabela);

Aterramento Externo: Disponível;

Impacto: 1k08;

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:

**LED MACCOME VAP 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: minimum 1:30 h. Standard NBR 10.898:2013;

Input: By cable press (see table);

External Grounding: Available;

Impact: 1k08;

Lifetime: > 60000 hours;

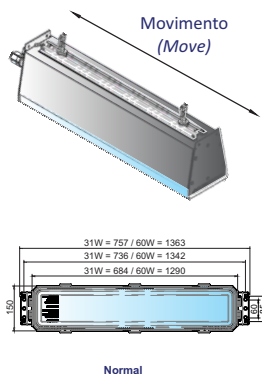
Warranty: 5 years;

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

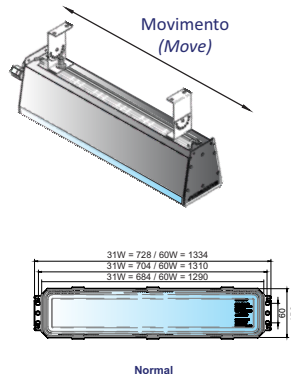
Note: Other tensions under consultation.

Certificate:

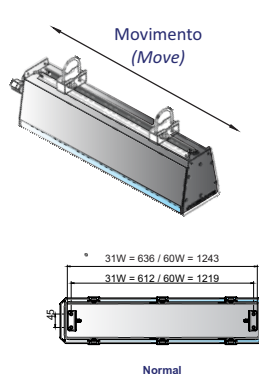
Suporte Olhal Regulável
(Adjustable Olhal Support)
(OL)



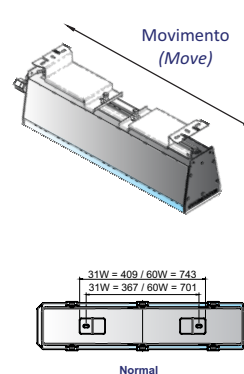
Suporte Teto Angular
(Angular ceiling support)
(TA)



Suporte Grampo
(Grampo support)
(G□)

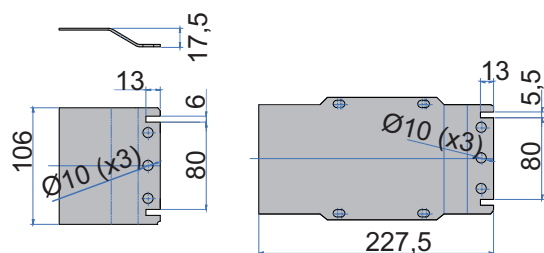


Suporte Ajustável
(Adjustable Support)
(TA)



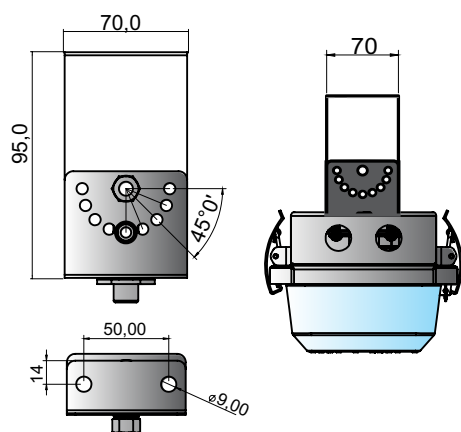
Suporte Simples (SP)

(Simple Support)



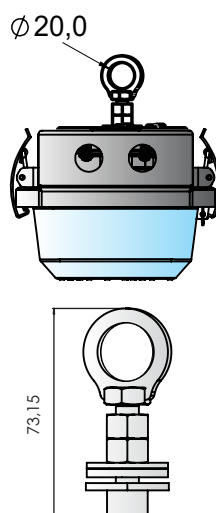
Suporte Teto Parede Angular (TA)

(Angular Wall Ceiling Support)



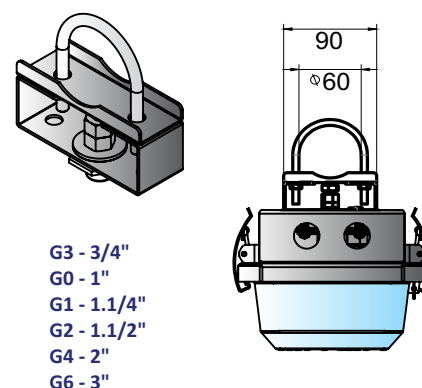
Suporte Olhal Ajustável (OL)

(Adjustable Olhal Support)



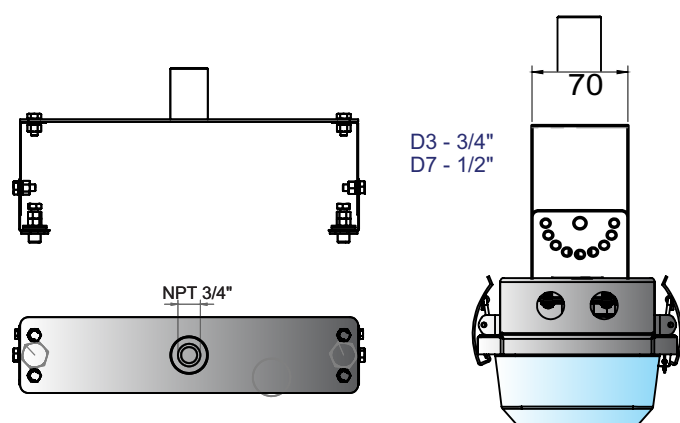
Suporte Grampo (G)

(Grampo Support)



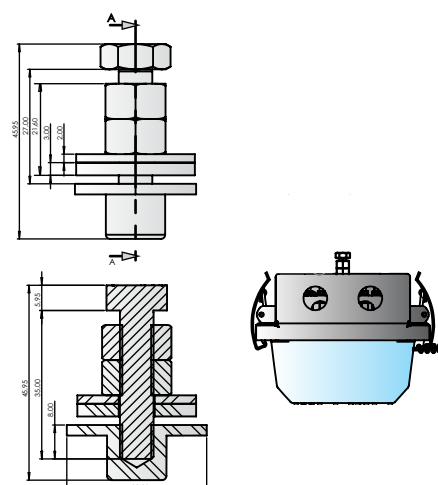
Suporte Pendente para Fixação de Eletroduto (D□)

(Pending Support for Electroduct fixation)



Suporte Regulável (SR)

(Adjustable Stand)



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.

Código raiz
(Main Code)
Maccomevap

Potência
(Power)
31- 31W
60- 60W

Material (Material)
E - Alumínio extrudado
(Extruded Aluminium)

MLGKS Y 31 C 9S E SP

TCC¹
C - CW=6500k
M - NW=4000k
N - NW=5000k
W - WW=3300k

Tensão(Voltage)
9S - 85~320 Vca/108~250 Vcc
3N - 100~240 Vca/Vcc (Emerg. ON-ON)
3F - 100~240 Vca/Vcc (Emerg. OFF-ON)
ES - 2(drivers) 85~320 Vca/108~250Vca⁴

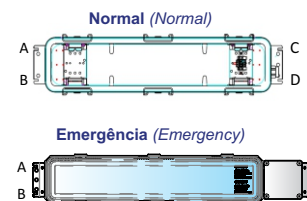
Suporte(Support)
De acordo com desenhos acima
(According to the drawings above)
Ex: SP- Suporte simples (Simple support)

Entradas(Inputs)

15P + 15P + 20P + 20P

A B C D

Nota: As entradas não escolhidas devem ser preenchidas com "000".
 Note: Unselected entries must be filled in with "000".



Terminais
(Terminals)

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

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.

(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)

*Para modelo com suporte poste(PO) escolher até 2 prensa cabos

(For model with post(PO) support choose up to 2 cable presses)

* Outras conexões sob consulta (Other connections on request)