



Potência (Power)	Tensão (Voltage)
45W	12-24Vcc
50W	85-320Vca
60W	108-320Vcc

Peso/Weight (Kg)	Al / AC	AL
Potência/ Power		
45W	3,2	2,91
50W	3,2	2,91
60W	3,2	2,91

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

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

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

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: minimum 1:30 h. Standard NBR 10.898:2013;

Input: By cable press (see table);

External Grounding: Available;

Impact: IK08;

Lifetime: > 60000 hours;

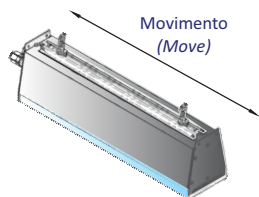
Warranty: 5 years;

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

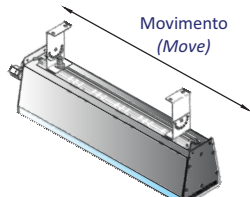
Note: Other tensions under consultation.

Certificate: Ex

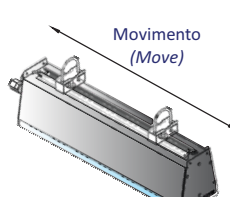
Suporte Olhal Regulável
(Adjustable Olhal Support)
(OL)



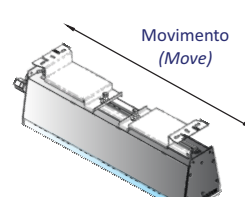
Suporte Teto Angular
(Angular ceiling support)
(TA)



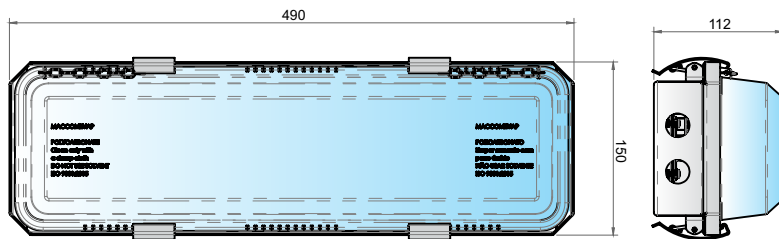
Suporte Grampo
(Grampo support)
(G□)



Suporte Ajustável
(Adjustable Support)
(TA)

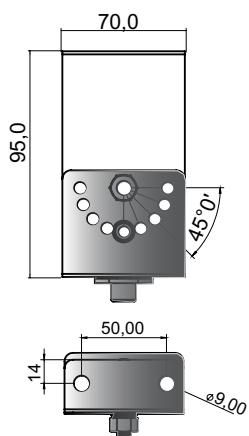


Desenho dimensional (Dimensional Drawing)

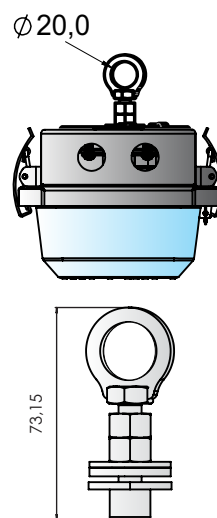


Sobressalentes/ Spare	
Código (Code)	Item/Item
MBACJCXNT06	CJ Bateria
ML010CJDIFBPO	CJ Difusor
ML010LCJ74C	CJ Led CW
Ver Catálogo de driver	Driver
ML010CJDIV007C	Fecho Carbono
ML010CJDIV007I	Fecho Inox
ML010CJDIV35C	CJ do Fecho Carbono
ML010CJDIV35I	CJ do Fecho Inox
MLCASCJ00086	Inversor
MMC777MODLNF	Microchave dupla
MMC777MOMLC	Microchave mono

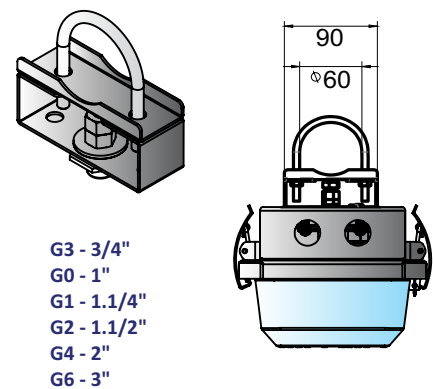
Suporte Teto Parede Angular (TA) (Angular Wall Ceiling Support)



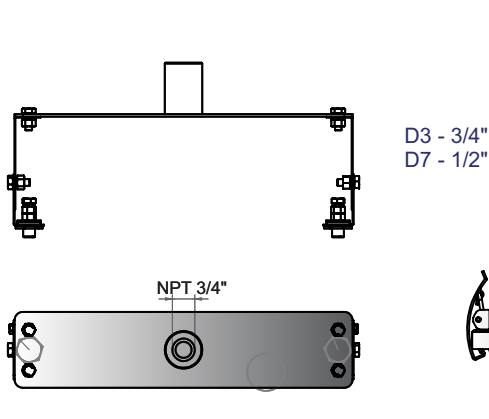
Suporte Olhal Ajustável (OL) (Adjustable Olhal Support)



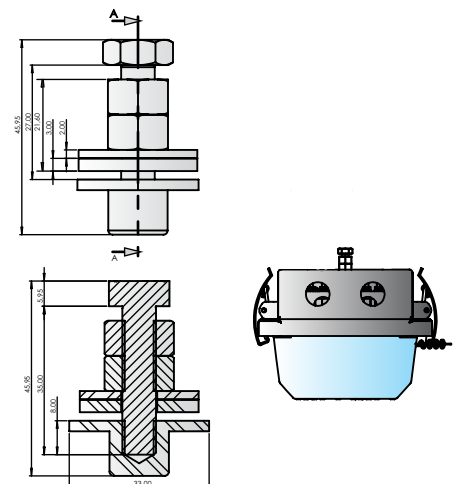
Suporte Grampo (G) (Grampo Support)



Suporte Pendente para Fixação de Eletroduto (D □) (Pending Support for Electroduct fixation)



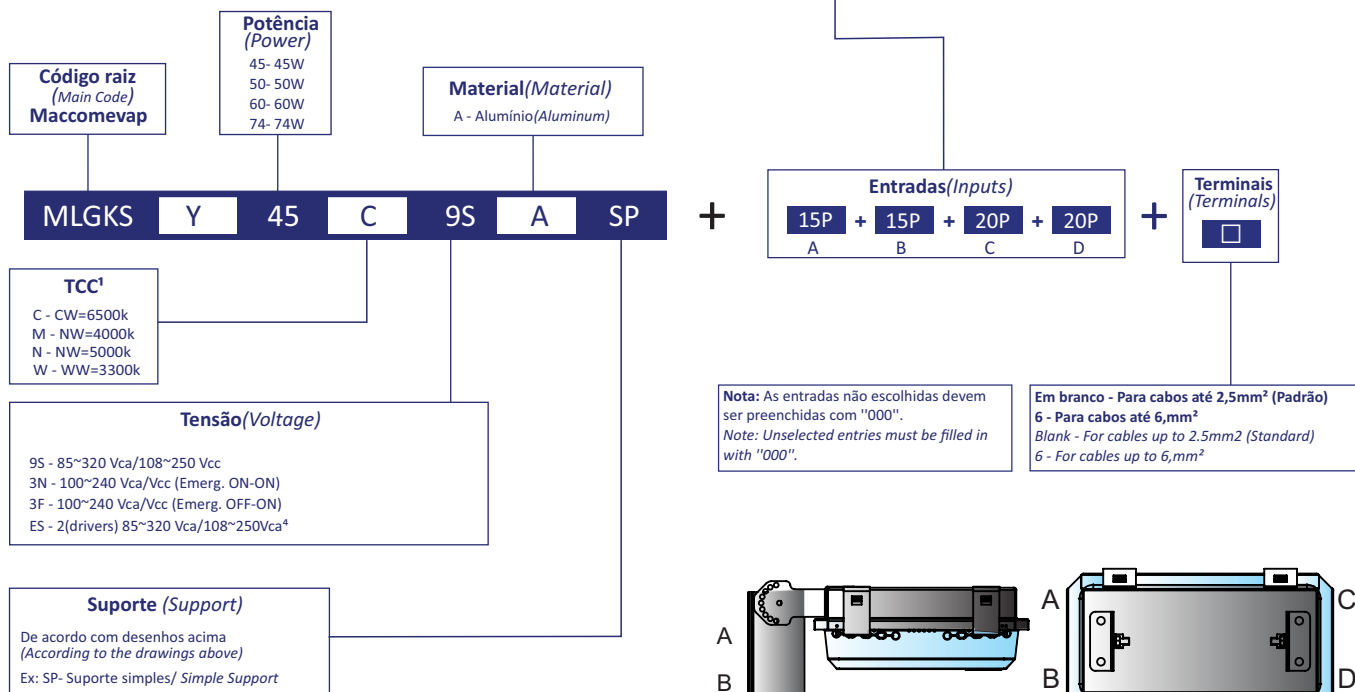
Suporte Regulável (SR) (Adjustable Stand)



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	M16	3,5-11,5	01A	01L	01I	N/A
	M20P	3,5-11,5	02A	02L	02I	
	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	M16	3,5-8,5/8,4-13,2	06A	06L	06I	
	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	M16	7,5-10,0	N/A			14P
	M20P	6,0-12,0				15P
	M20	10,0-14,0				16P
	M25P	6,0-14,0				17P
	M25G	14,0-18,0				18P
TAMPÃO (Cap)	M16	N/A	19A	19L	19I	19P
	M20		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)

*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)