



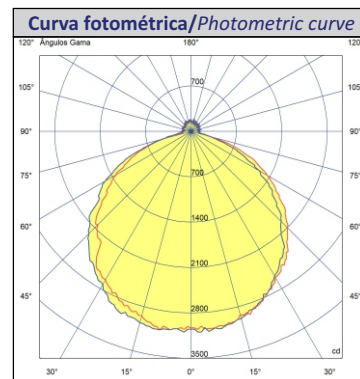
Potência (Power)	Módulos (Modules)	Tensão (Voltage)	Fluxo Luminoso (Luminous flux)
54W	4	12-24 Vcc	8761.06 Lm
60W	4	85-320Vca/ 108-250Vcc	9348.95 Lm
75W	5	100-240 Vca/Vcc	11340.5 Lm

*Fluxo luminoso referente a CW/ Luminous flux referring to CW.

*Fluxo luminoso NW e WW solicitar/ Luminous flux NW and WW request

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

Marcação/Marking	
Gases(Gas)	Ex db eb mb op is IIC T* Gb
Pó(Dust)	Ex tb IIIC T* Db
Classe de Temperatura (Temperature Class)	T4/T135°C
Grau de Proteção (Protection degree)	IP66W
Zonas(Zones)	1, 2, 21 e 22
Temperatura de Operação (Operating Temperature)	-20°C ≤ Ta ≤ +50°C
Certificado (Certificate)	TÜV 22.0559X



Descrição do Produto/Product description

Luminária metálica de segurança aumentada modular MACCOMEVP, com ou sem sistema de emergência;

Corpo: Aço inox; aço carbono ou alumínio copper free;

Difusor: Policarbonato transparente ou policarbonato translúcido (leitoso) com proteção a raios UV;

THD: ≤10%;

IRC: >70;

Aprovações: LM 80, LM 79;

Microchave: Equipamento de segurança que interrompe a alimentação;

Driver: Eletrônico encapsulado (DSP incorporado);

Proteção: Contra curto circuito, sobretemperatura, subtemperatura, sobretensão, subtensão, sobrecorrente e subcorrente;

Fator de Potência: >0,92;

Entrada: Por prensa cabo (Ver tabela);

Terminais: Para cabo até 2,5mm²;

Aterramento Externo: Disponível;

Impacto: Ik08;

Vida Útil: > 60000 horas;

Garantia: 5 anos;

Normas Técnicas: ABNT NBR IEC 60079-0 / 1 / 5 / 7 / 28 / 31;
ABNT NBR IEC 60529.

Modular MACCOMEVP increased safety metal luminaire, with or without emergency system;

Body: stainless steel; carbon steel or aluminum copper free;

Diffuser: transparent polycarbonate or translucent (milky) polycarbonate with UV protection;

THD: 10%;

IRC: >70;

Approvals: LM 80, LM 79;

Microkey: Safety equipment that interrupts the supply;

Driver: Electronic encapsulated (embedded DSP);

Protection: Against short circuit, over temperature, sub-temperature, over voltage, under voltage, over current and under current;

Power factor: >0.92;

Input: By cable press (see table);

Terminals: For cable up to 2.5mm²;

External Grounding: Available;

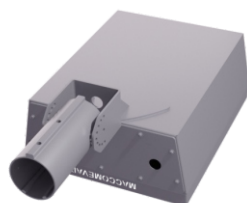
Impact: IK08;

Lifetime: > 60000 hours;

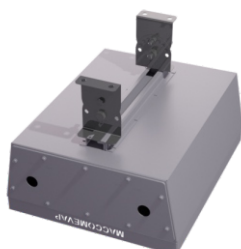
Warranty: 5 years;

Technical standards: ABNT NBR IEC 60079-0 / 1 / 5 / 7 / 28 / 31;
ABNT NBR IEC 60529.

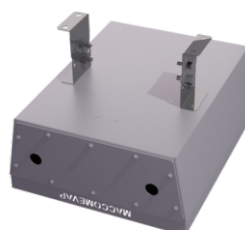
Suporte Poste
(Support Poste)
(PO)



Suporte Teto
(Roof Support)
(TE)



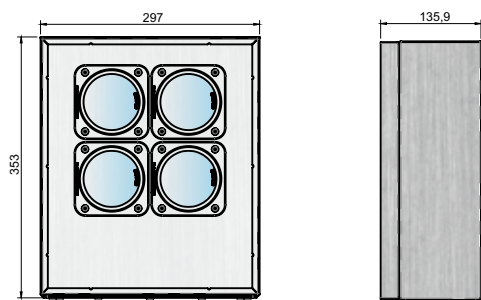
Suporte Teto
Parede Angular
(Roof Support Angular Wall)
(TA)



Suporte Olhal
Ajustável
(Olhal support Adjustable)
(OL)

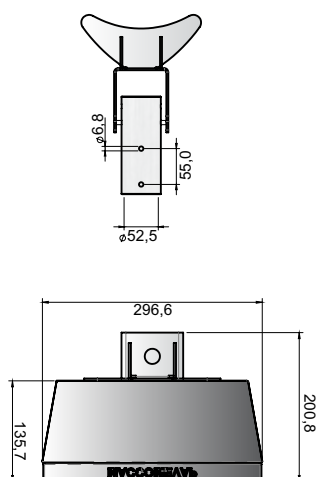


Nº MÓDULOS (Modules)	PESO S/EMERGÊNCIA (kg) (Weight without emergency)	PESO C/EMERGÊNCIA (kg) (Weight with emergency)
4	5,0	6,4
5	5,34	6,74

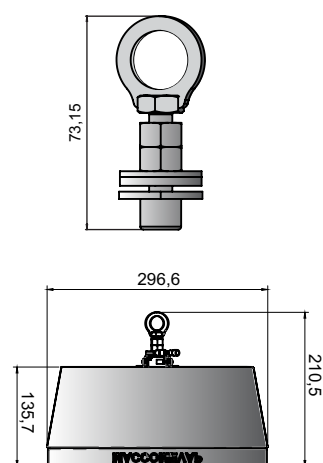


Sobressalentes/ Spare	
Código(Code)	Item(Item)
MBATCJ0006	CJ Bateria
MLCASCJ00039	CJ Módulo Led - Lente Fosca CW
MLCASCJ00036	CJ Módulo Led - Lente Transp. CW
Ver Catálogo de driver	Driver
MLCASCJ00086	Inversor
MMC777MODCNA	Microchave dupla
MMC777MOMCNA	Microchave mono
MLCAS0033	Vedação Módulo
MLCAS0273	Vedação Tampa Frontal

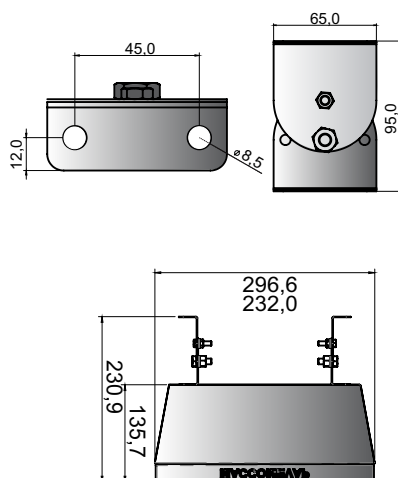
Suporte Poste (PO)
(Support Poste)



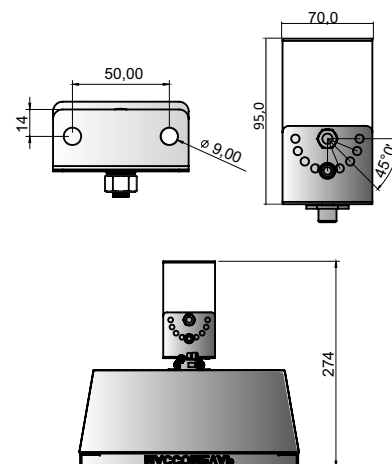
Suporte Olhal Ajustável (OL)
(Adjustable Olhal Support)



Suporte Teto (TE)
(Roof Support)

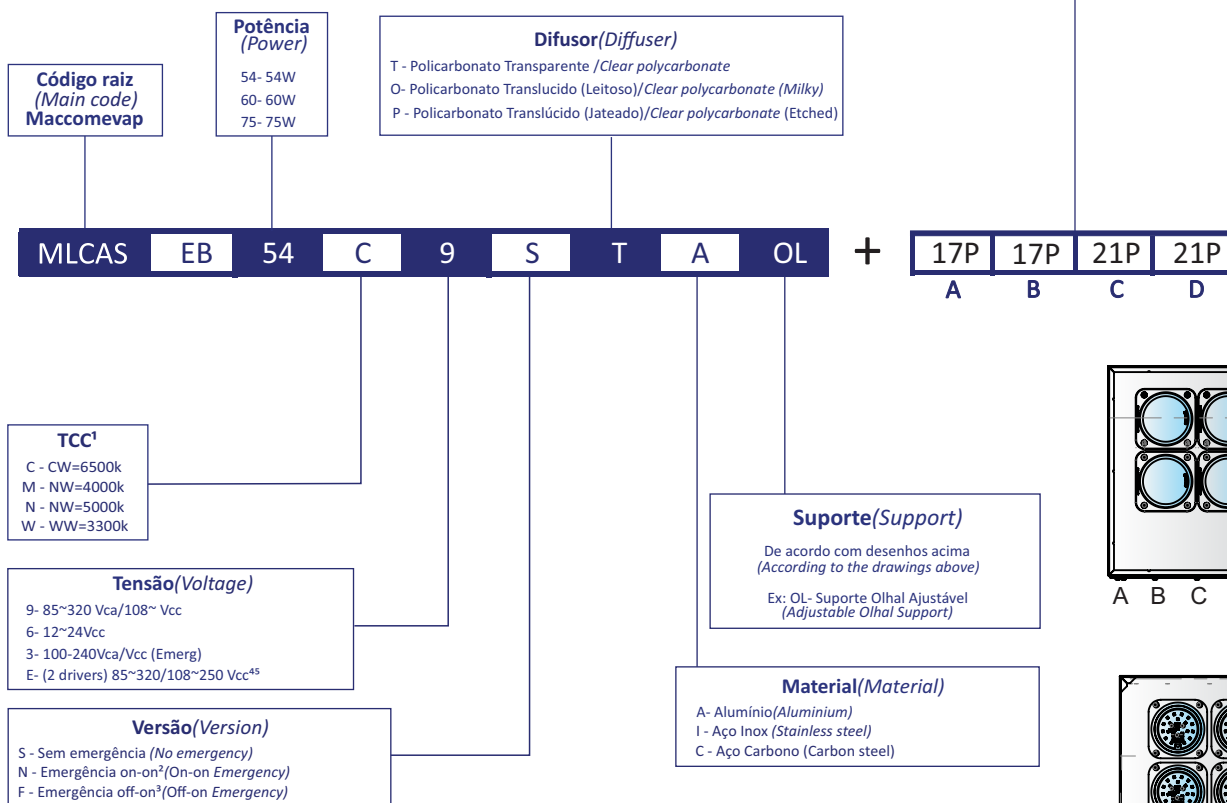


Suporte Teto Parede Angular (TA)
(Angular Wall Ceiling Support)



MLCASEB - (Código Raiz/ Main code)
BOX

PRENSA CABOS E/OU TAMPÕES (Cable and/or buffer Press)			LATÃO NIQUELADO (Aluminum) Nickle plated brass		ÁÇO INÓX Stainless steel	POLIAMIDA polyamide
MODELO (Model)	ROSCA (Thread)	RANGE (Range)	ALUMÍNIO (Aluminum)	NIQUELADO (Nickle plated brass)	ÁÇO INÓX Stainless steel	POLIAMIDA polyamide
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	30A	30L	30I	
	M20G	8,0-14,0/12,5-21,0	31A	31L	31I	
	M25	10,5-19,5/16,5-25,0	32A	32L	32I	
	M25P	8,0-14,0/12,5-21,0	33A	33L	33I	
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)	M20	N/A	20A	20L	20I	20P
	M25		21A	21L	21I	21P

Padrão de fornecimento Poliamida M25 (6-14mm) MAC EXE 159
(Supply standard Polyamide M25 (6-14mm) MAC EXE 159)* Supply standard Polyamide M25 (6-14mm) MAC EXE 159
(Fornecimento padrão de poliamida M25 (6-14mm) MAC EXE 159)

* Outras conexões sob consulta (Other connections on request)

1 - TCC - Temperatura de cor correlata (Correlated Color Temperature)

2 - Sistema de emergência ON/ON - Luminária permanece "LIGADA" e continua ligada na falta de energia.

(Emergency ON/ON system - Luminare remains "ON" and continues to be switched on in case of power failure.)

3 - Sistema de emergência OFF/ON - Luminária permanece "DESLIGADA" e liga na falta de energia.

(Emergency system OFF/ON - Luminare remains "OFF" and turns on in case of power failure.)

4 - (2 drivers) 100~320/108~250Vcc - somente para 54W (O funcionamento dos módulos será feita de forma intercalada).

(2 drivers) 100~320/108~250Vcc - for 54W only (The operation of the modules will be done intermittently).

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