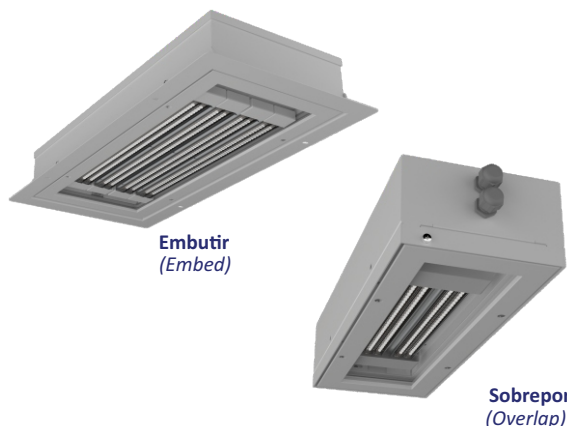


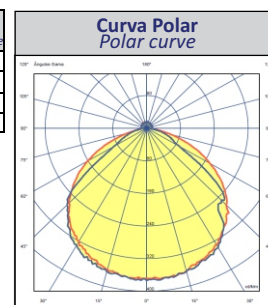


Potência (Power)	Tensão (Voltage)
45W	12-24 Vcc
50W	85-320Vca
60W	108-320Vcc

Peso/Weight (Kg)			
S/ Emergência (No Emergency)		C/ Emergência (With Emergency)	
Al / AC	AL	Al / AC	AL
10,5	8,79	11,20	9,399

Marcação/Marking	
Gases	Ex db eb mb IIC T6 Gb
Pó/Dust	Ex tb IIIC T85°C Db
Classe de Temperatura Temperature Class	T6/T85°C
Grau de Proteção Degree of Protection	IP66 (AC) IP66W (Al,AL)
Zonas/Zones	1, 2, 21 e 22
Temperatura Operação Operating Temperature	-20°C < Ta <+ 50°C

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



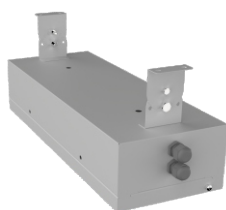
Descrição do Produto/Product description

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

Corpo: Aço carbono, aço inox ou alumínio copper free;
Cor: Branca. Outras sob consulta;
Difusor: Vidro temperado;
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, 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);
Terminais: Para cabos de até 6mm²;
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 12.1036;

Enhanced safety metal luminaire with LED MACCOMEVP, with or without emergency system.

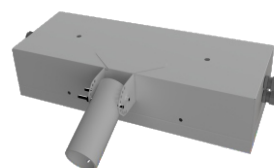
Body: carbon steel, stainless steel or aluminum copper free;
Color: White. Others on request;
Diffusor: Tempered glass;
THD: ≤10%;
IRC: >70;
Approvals: LM 80, LM 79;
Microkey: Safety equipment that interrupts power;
Driver: Electronic encapsulated (integrated DPS);
Protection: Against short circuit, overtemperature, overvoltage, undervoltage, overcurrent;
Power Factor: > 0,95;
Frequency: 50/60Hz;
Terminals: Autonomy: minimum 1:30 h. NBR 10.898:2013;
Input: By press cable (See Table);
Terminals: For cables up to 6mm²;
External Grounding: Available;
Impact: Ik08;
Useful 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 review;
Certificate: Ex TÜV 12.1036;



Suporte de Teto Angular (TA)
(Angular Ceiling Bracket)



Suporte Poste (PO)
(Post support)



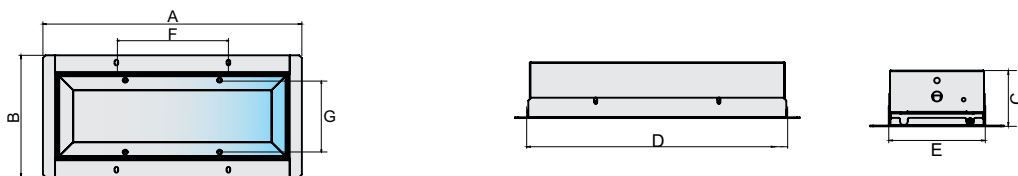
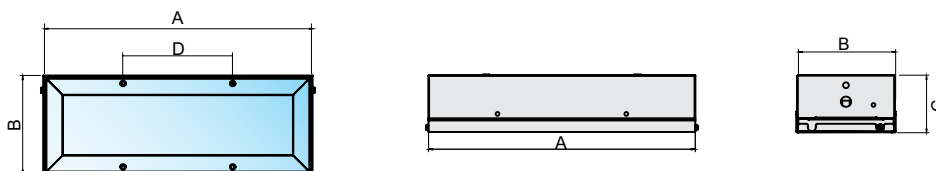
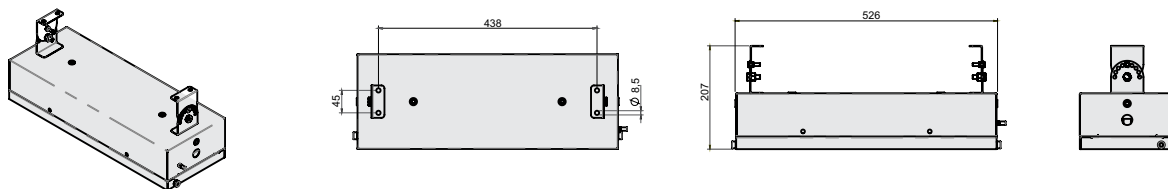
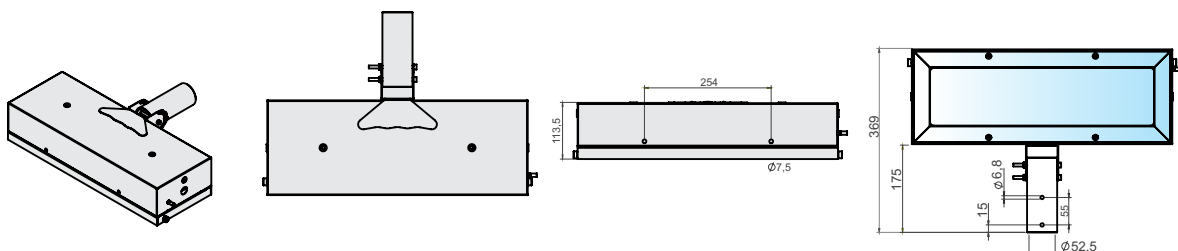
ML014Y - (Código raiz/Root code)

Embutir
(Embed)Sobrepor
(Overlap)

Sobressalentes/Spare

Código/Code	Item/Item
MBATCINT06	CJ Bateria
ML014DIF0012	CJ Difusor Vidro Transparente
MMLED1BD074	CJ PCB + Led CW
Ver Catálogo de driver	Driver
MLAVFCJ0055	Inversor 31W
MLAVFCJ0056	Inversor 60W
MMC777MODLNF	Microchave dupla
MMC777MODCNA	Microchave mono
MPBR014DIF	Vedação Difusor

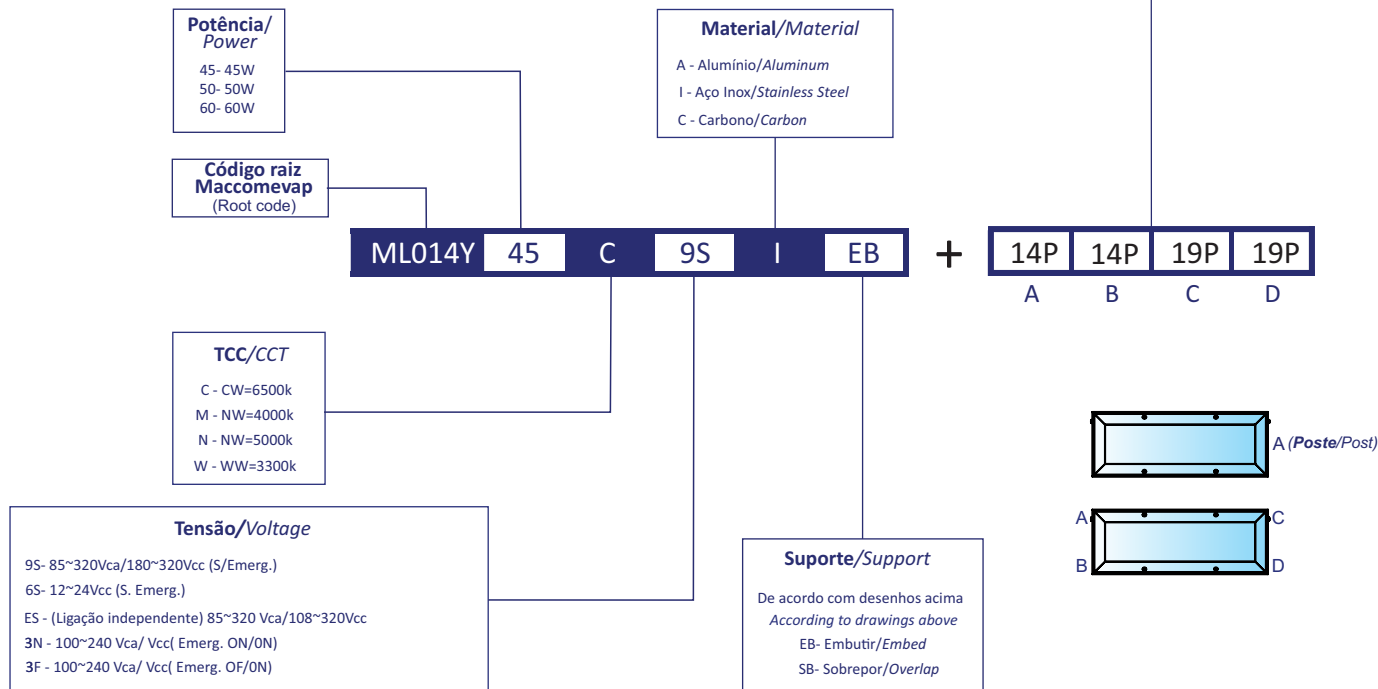
Potência (Power)	Dimensões/Dimensions (mm)										
	Embutir/ Embed (EB)							Sobrepor / Overlap (SB)			
	A	B	C	D	E	F	G	A	B	C	D
45,50,60W	583	272	115	528	195	254	239	526	194	112	298

Luminária de Embutir (EB)
LED panelLuminária de Sobrepor (SB)
Overlapping luminairesSuporte Teto Angular (TA)
(Angular Ceiling Support)Suporte Poste (PO)
(Post support)

PRENSA CABOS E/OU TAMPÕES (Cable grand and/or stopping plug)			ALUMÍNIO	LATÃO NIQUELADO	AÇO INOX	POLIAMIDA
MODELO Model	ROSCA Thread	RANGE Range	Aluminium	Nickel brass	Stainless steel	Polyamide
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
	M20G	10,0-14,0				16P
	M25	6,0-14,0				17P
	M25G	14,0-18,0				18P
TAMPÃO	M16	N/A	19A	19L	19I	19P
	M20		20A	20L	20I	20P
	M25		21A	21L	21I	21P

* Padrão de fornecimento Poliamida M16 (7,5-10mm) MAC.EXE.159.

* Polyamide supply standard M16 (7,5-10mm) MAC.EXE.159



1 - TCC - Temperatura de cor correlata.

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

3 - Ligação independente (Somente sem emergência com dois drivers, disponível somente para 50W e 60W).

* Emergência OFF/ON não acompanha drive.

* Outras conexões sob consulta

1 - CCT - Related color temperature.

2 - Emergency system ON/ON - Luminaire remains "ON" and stays on in the absence of power.

3 - Independent connection (only without emergency with two drivers, available only for 50W and 60W).

*Emergency OFF/ON does not accompany drive.

* Other connections on request.