



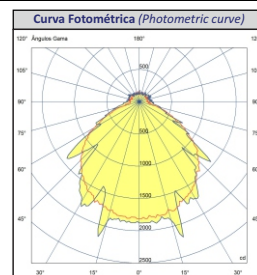
Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous flux)
20W	6 - 12~24Vdc	3725.64 Lm
30W	12-24Vcc	4867.00 Lm
35W	85-320Vca 108-320Vcc	5530.92 Lm

*Fluxo luminoso referente à CW, Luminous flux referring to CW

*Fluxo luminoso NW e WW solicitar, Luminous flux NW and WW request.

Marcação/Marking	
Gases	Ex db eb mb IIC T6 Gb
Pó(Dust)	Ex tb IIIC T80°C Db
Classe de Temperatura (Classe de Temperatura)	T6/T80°C
Grau de Proteção (Degree of Protection)	IP66/IP67 (AC)
	IP66W/IP67W (AI,AL)
Zonas (Zones)	1, 2, 21 e 22
Temperatura de Operação (Operating Temperature)	-20°C ≤ Ta ≤ +50°C

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



Descrição do Produto/Product description

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

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

Cor: Branca. 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: 3 horas atendendo a ABNT NBR 10.898:2013, que determina min.1:30 horas;

Entrada: Por prensa cabo (Ver Tabela);

Terminais: Para cabos de até 6mm². (Indicar na formação de código);

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: Ex TÜV 12.2169.

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

Body: Carbon Steel, stainless steel ou copper free aluminum;

Color: White. Others on request;

Diffuser: Polycarbonate resistant to 7 joules of impact, with UV protection and anti-fall system);

THD: ≤10%;

IRC: >70;

Approvals: LM 80, LM 79;

Microkey: Safety equipment that interrupts power;

Driver: Electronic encapsulated (Incorporated DPS);

Protection: Short circuit protection, overheating, overvoltage, undervoltage, overcurrent;

Power Factor: >0,95;

Frequency: 50/60Hz;

Battery: Autonomy: 3 hours or a minimum of 1.5 hours;

Input: By cable press (see table);

Terminals: For cables up to 6mm². (Indicate in code formation);

External Grounding: Available.;

Impact: 1k08;

Useful Life: > 60000 hours;

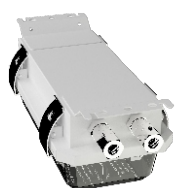
Warranty: 5 years;

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

Note: Other voltages on request.

Certificate: Ex TÜV 12.2169.

(Suporte Simples)
(Simple Support)



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



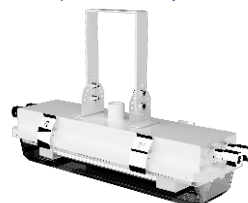
(Suporte Eletroduto)
(Support Conduit)



Suporte Poste
(Support Post)

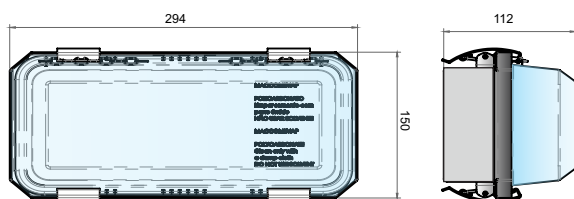


Fixação por Eletroduto
com Alça Ajustável
(Fixation by Conduit with adjustable strap)



Suporte Abraçadeira
(Support Clamp)



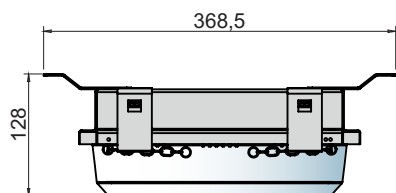


Peso/Weight (Kg)		
Potência	AI / AC	AL
20W	2,15	1,97
30W	2,15	1,97
35W	2,15	1,97

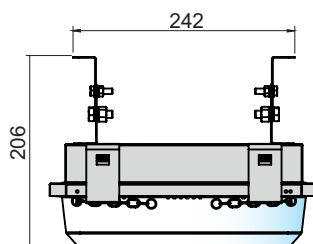
Temperatura de cor Color temperature	
CW	5700K a 6700K
NW	4400K a 5500K
WW	3000K a 4000K

Sobressalentes/Spare	
Código/ Code	Item/ item
ML010CJDIFMPO	CJ Difusor
ML010LCJ35C	CJ Led CW
Ver Catálogo de driver	Driver
ML010CJDIV007C	Fecho Carbono
ML010CJDIV007I	Fecho Inox
ML010CJDIV35C	CJ do Fecho Carbono
ML010CJDIV35I	CJ do Fecho Inox
MMC777MOMC	Microchave mono

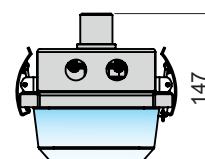
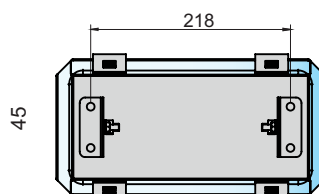
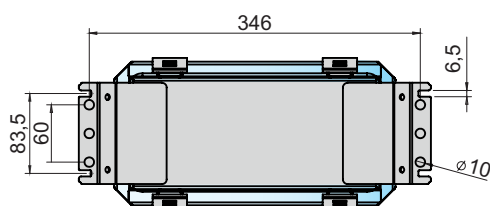
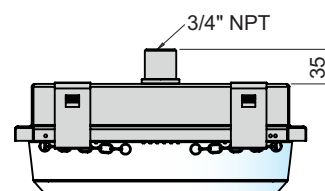
Suporte Simples (SP) Supporte simples



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

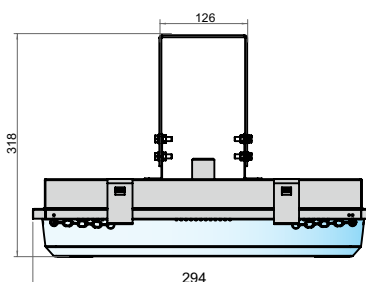
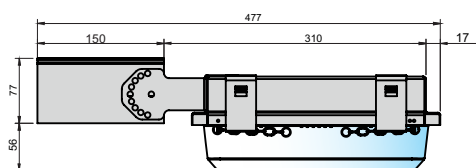


Suporte Eletroduto (E3) (Support Conduit) E3 - 3/4" E7 - 1/2"

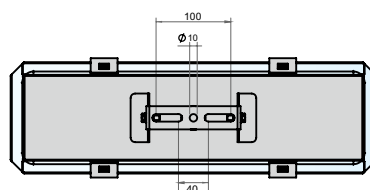
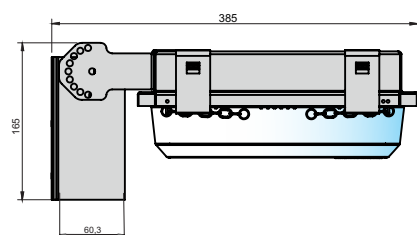
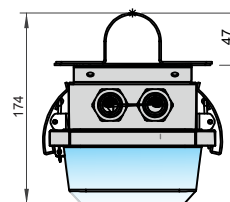
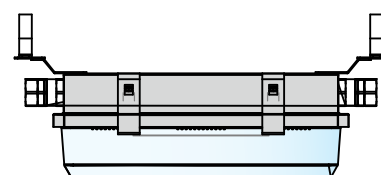


Suporte Poste (PO) Support Post

Fixação por Eletroduto com Alça Ajustável Fixing by Conduit with Adjustable Handle T3 - 3/4" T7 - 1/2"

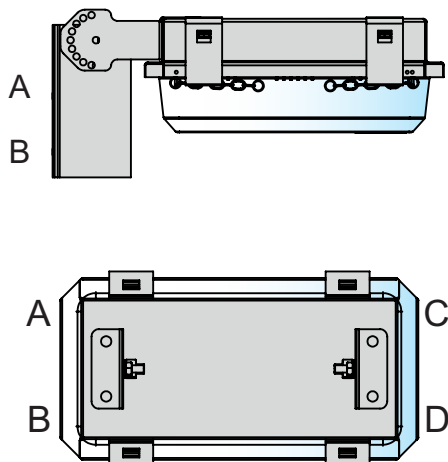


Suporte Abraçadeira Tubular (3I) Tubular Clamp Support



- 3I - 3/4" Aço Inox (Stainless steel)
- 0I - 1" Aço Inox (Stainless steel)
- 1I - 1 1/4" Aço Inox (Stainless steel)
- 2I - 1 1/2" Aço Inox (Stainless steel)
- 5I - 2" Aço Inox (Stainless steel)
- 4I - 4" Aço Inox (Stainless steel)
- 3C - 3/4" Aço Carbono (Carbon steel)
- 0C - 1" Aço Carbono (Carbon steel)
- 1C - 1 1/4" Aço Carbono (Carbon steel)
- 2C - 1 1/2" Aço Carbono (Carbon steel)
- 5C - 2" Aço Carbono (Carbon steel)
- 4C - 4" Aço Carbono (Carbon steel)

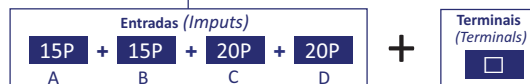
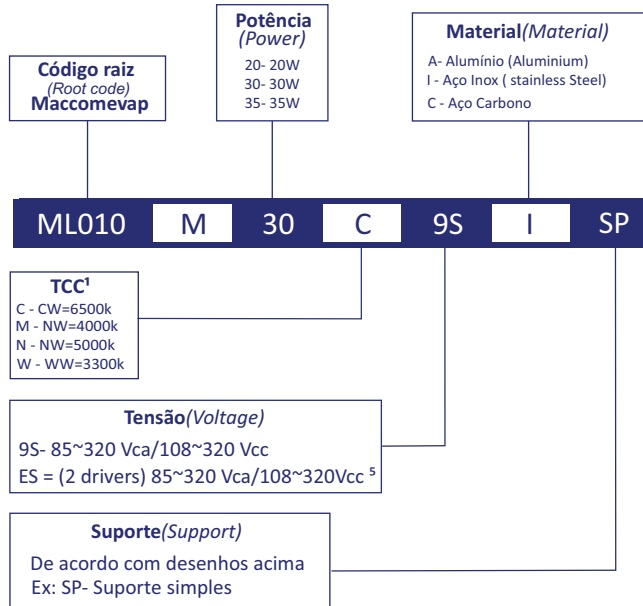
ML010M - (Código raiz/Root code)



PRENSA CABOS E/OU TAMPÕES (Cable grand and/or stopping plug)			ALUMÍNIO Aluminium	LATÃO NIQUELADO Nickelized brass	AÇO INOX Stainless steel	POLIAMIDA Polyamide
MODELO Model	ROSCA Thread	RANGE Thread				
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	3,5-8,4/8,5-13,2	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.



Nota: As entradas não escolhidas devem ser preenchidas com "000".

Note: Unselected entries must be filled in with "000".

Em branco - Para cabos até 2,5mm² (Padrão)
6 - Para cabos até 6,mm²Blank - For cables up to 2.5mm² (Standard)
6 - For cables up to 6,mm²¹ - Dois drivers, ligação independente.² - TCC -Temperatura de cor correlata

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

* -Outras conexões sob consulta

Two drivers, independent connection.

2 - TCC -Correlated color temperature

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

* -Other connections on request