

ML011M - (Código raíz/Root Code)

LED

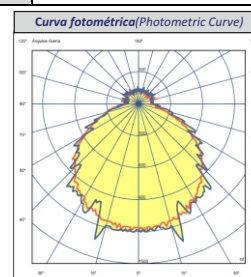


Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous flux)
20W	85-320Vca / 108-320Vcc	3725.64 Lm
30W		4867.00 Lm
35W		5533.92 Lm

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

Marcação/Marking	
Gases(Gases)	Ex nR IIC T* Gc
Gases(Gases)	Ex ec IIC T* Gc
Emergência(Emergency)	Ex nR mb IIC T* Gc
Emergência(Emergency)	Ex ec mb IIC T* Gc
Pó(Dust)	Ex tb IIIC Db
Classe de Temperatura (Temperature Class)	T5/T100°C - T6/T85°C
Grau de Proteção (IP) (Protection Degree)	IP66/IP67 (AC)
Grau de Proteção (IP) (Protection Degree)	IP66W/IP67W (Al, AL)
Zonas(Zones)	2, 21 e 22
Temperatura de Operação (Operation temperature)	-20°C ≤ Ta ≤ +50°C

Temperatura de cor CCT-Correlated Color Temperature	
CW	5700K
NW	4000K
NW	5000K
WW	3300K



Descrição do Produto/Product description

**Luminária metálica LED respiração restrita
MACCMEVAP.**

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

Cor: Branca. Outras sob consulta;

Diffusor: Policarbonato de alta resistência mecânica com proteção a raios UV;

THD: ≤10%;

IRC: >70;

Aprovações: LM80, Lm79;

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;

Entrada: Por prensa cabo (Ver Tabela);

Terminais: Para cabos de até 4mm²;

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: TÜV 12.2169.

**Metal LED RESTRICTED BREATHING ACCESSORY
MACCMEVAP.**

Body: Carbon steel, stainless steel or copper free aluminum;

Color: White. Others under consultation;

Diffuser: High mechanical strength polycarbonate with UV protection;

THD ≤: 10%;

IRC: >70;

Approvals: LM80, Lm79;

Microkey: Safety equipment that stops power;

Driver: Encapsulated electronic (embedded DPS);

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

Power factor: > 0.95;

Frequency: 50/60Hz;

Input: By cable press (See Table);

Terminals: For cables up to 4mm²;

External Ground: Available;

Impact: Ik08;

Service 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: TÜV 12.2169

Suporte Teto Parede
Angular

Suporte Simples
(Simple Support)

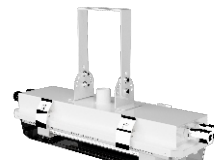
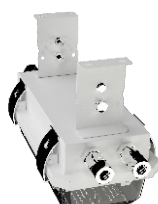
Suporte Teto Parede
(Wall Ceiling Bracket)

Suporte Eletroduto
(Conduit Support)

Suporte Poste
(Support Poste)

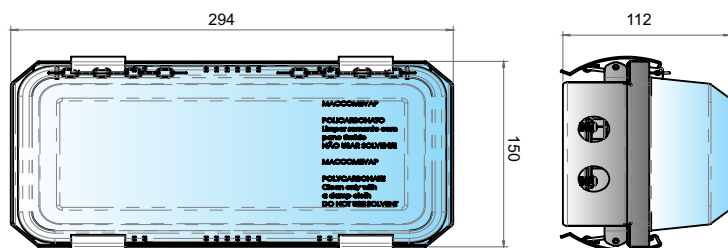
Fixação por Eletroduto
(Attachment by conduit)

Suporte Abraçadeira
(Clamp Support)



ML011M - (Código raíz/Root Code)

LED

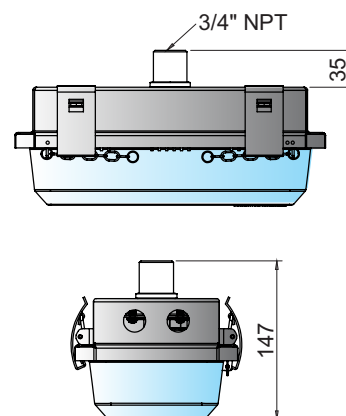
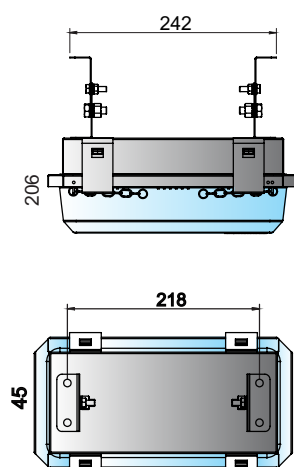
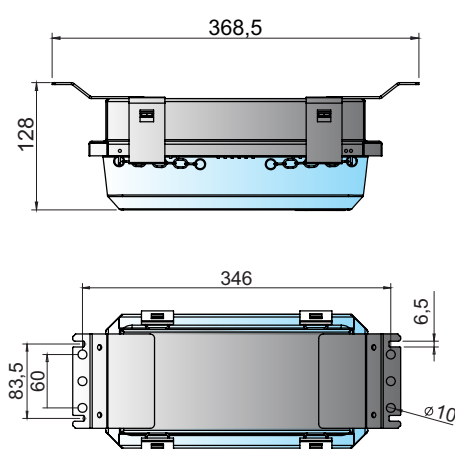


Sobressalentes/Spare	
Código(Code)	Item(Item)
ML010NCJDFMPO	CJ Difusor
MMLEDN1BD035	CJ Led CW
Ver catálogo de driver	Driver
ML010CJDIV007C	Fecho Carbono
ML010CJDIV007I	Fecho Inox
ML010CJDIV35C	CJ do Fecho Carbono
ML010CJDIV35I	CJ do Fecho Inox
MLCASNCJ00086	Inversor

Suporte Simples (SP)
(Simple support)

Suporte Teto Parede Angular (TA)
Simple support

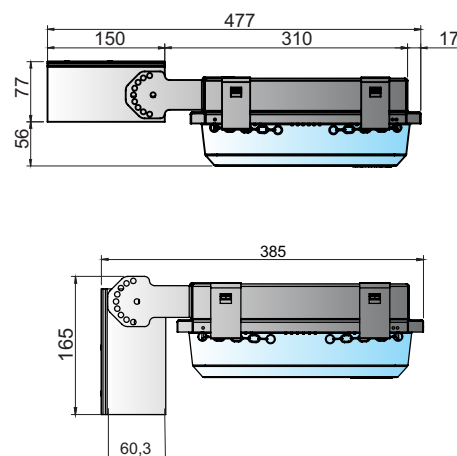
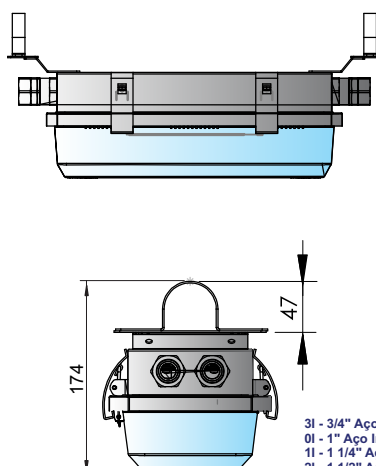
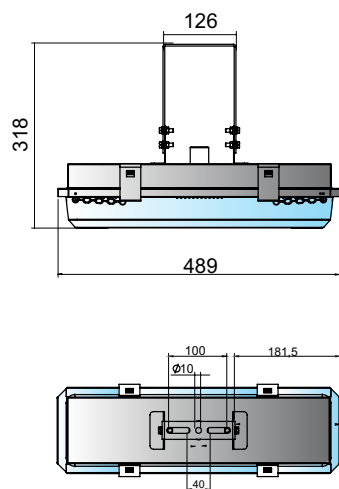
Suporte Eletroduto (E □)
Conduit support
E3 - 3/4"
E7 - 1/2"



Fixação por Eletroduto com Alça Ajustável (T □)
(Attachment by conduit)
T3 - 3/4"
T7 - 1/2"

Suporte Abraçadeira Tubular
(Tubular Clamp support)

Suporte Poste (PO)
(Support Poste)



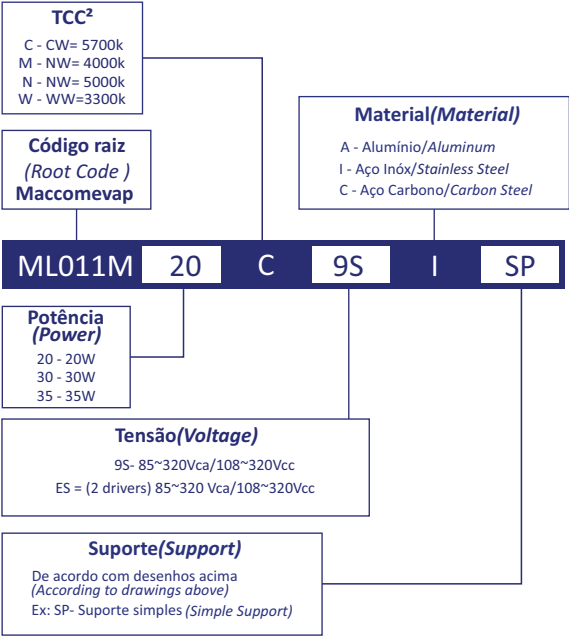
3I - 3/4" Aço Inox
0I - 1" Aço Inox
1I - 1 1/4" Aço Inox
2I - 1 1/2" Aço Inox
5I - 2" Aço Inox
4I - 4" Aço Inox
3C - 3/4" Aço Carbono
0C - 1" Aço Carbono
1C - 1 1/4" Aço Carbono
2C - 1 1/2" Aço Carbono
5C - 2" Aço Carbono
4C - 4" Aço Carbono

ML011M - (Código raiz/Root Code)

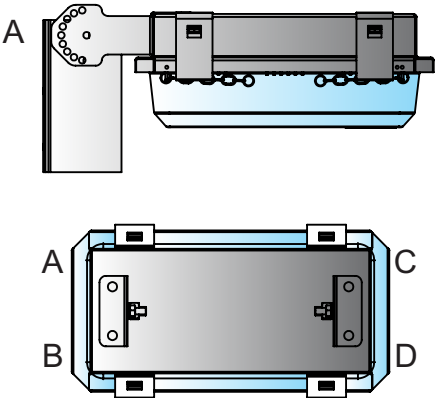
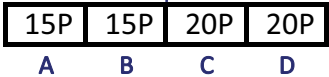
LED

PRENSA CABOS E/OU TAMPÕES (Cable grand and/or stopping plug)			ALUMÍNIO (Aluminum)	LATÃO NIQUELADO (Aluminum)	AÇO INOX (Stainless Steel)	POLIAMIDA (Polyamide)
MODELO (Model)	ROSCA (Thread)	RANGE (Range)				
PRENSA CABO (Cable Press) 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	
PRENSA CABO (Cable Press) 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	
	M20P	6,0-12,0 / 9,5-16,0	10A	10L	10I	
PRENSA CABO (Cable Press) E1F 160	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	
	M20P	6,0-12,0	N/A			15P
PRENSA CABO (Cable Press) A2 159	M20	10,0-14,0				16P
	M25	6,0-14,0				17P
	M25G	14,0-18,0				18P
TAMPÃO (Cap) 158	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)



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² - Dois drivers, ligação independente. (Somente sem emergência)/ Two drivers, independent connection. (No emergency only)

⁴ - TCC -Temperatura de cor correlata/ Correlates color temperature

* Outras conexões sob consulta/ Other connections on request