



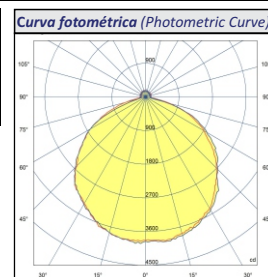
Potência (Power)	Módulos (Modules)	Tensão (voltage)	Fluxo Luminoso (Luminous flux)
18W	2	12-24 Vcc	2787.70 Lm
27W	2		4713.40 Lm
30W	2		5293.11 Lm
36W	3		7014.30 Lm
45W	3	85-320Vca/ 108-250Vcc	7882.04 Lm
54W	4		9217.84 Lm
60W	4		9348.95 Lm
63W	5		10909.44 Lm
72W	5	100-240 Vca/Vcc	12054.82 Lm
75W	5		11205.84 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 op is IIC T* Gb
Pó(Dusty)	Ex tb IIIC T* Db
Classe de Temperatura (Temperature Class)	T4/T135°C
Grau de Proteção (Protection Degree)	IP66W (AI, AL)
	IP66 (AC)
Zonas (Zones)	1, 2, 21 e 22
Temperatura de Operação (Operating Temperature)	-20°C ≤ Ta ≤ +50°C
Certificado (Certificate)	TÜV 22.0559X

Temperatura de cor Color temperature	
CW	6500K
NW	4000K
NW	5000K
WW	3300K



Descrição do Produto/ Product Description

Luminária metálica linear modular de segurança aumentada com módulos circulares MACCOME VAP, com ou sem sistema de emergência, com tampa de inspeção exclusiva e conjunto elétrico removível.

Corpo: Aço inox, aço carbono ou alumínio copper free;
Difusor: Policarbonato resistente a 4 joules de impacto, transparente ou translúcido (leitoso) ou translúcido (jateado) 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);

Fator de Potência: > 0,92;

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

Entrada: Por prensa cabo (Ver Tabela);

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

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;

Nota: Outras potências e/ou tensões sob consulta. Opção de sistema antiqueda.

Modular linear metal luminaire with increased safety with circular MACCOME VAP modules, with or without emergency system, with exclusive inspection cover and removable electrical assembly.

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

Diffuser: 4-joule impact resistant polycarbonate, transparent or translucent (milky) or translucent (blasted) with UV protection;

THD: 10%;

IRC: >70;

Approvals: LM80, Lm79;

Microkey: Safety equipment that interrupts the supply;

Driver: Electronic encapsulated (embedded DPS);

Power factor: > 0.92;

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

Input: By cable press (see table);

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

External Grounding: Available;

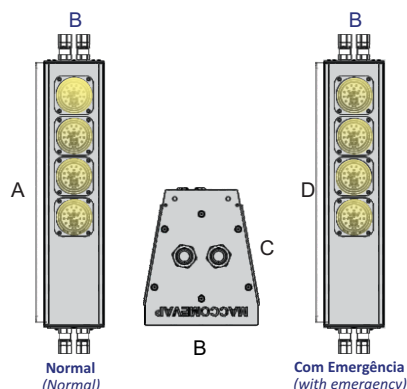
Impact: Ik08;

Lifetime: > 60000 hours;

Warranty: 5 years;

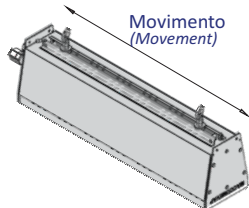
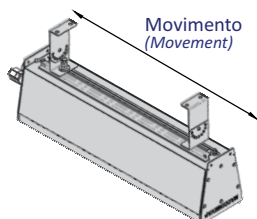
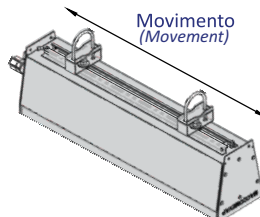
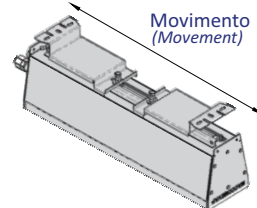
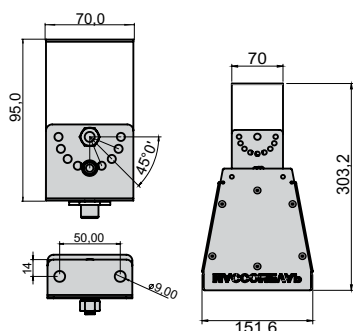
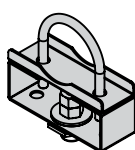
Technical standards: ABNT NBR IEC 60079-0 / 1 / 5 / 7 / 28 / 31, ABNT NBR IEC 60529;

Note: Other powers and/or tensions under consultation. Anti-fall system option.

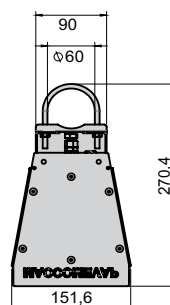
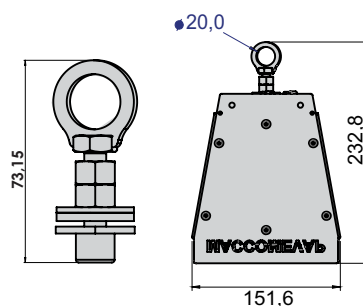
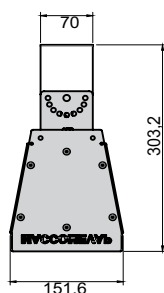
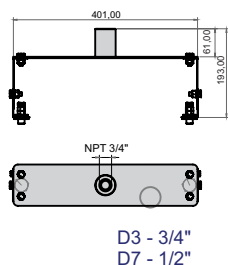
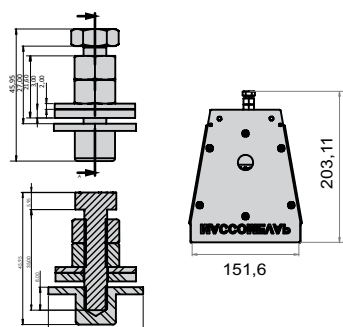
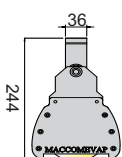
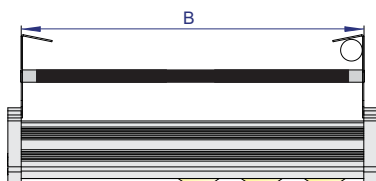


Potência (Power)	Dimensões/Dimensions (mm)				Peso/Weight	
	A	D	B	C	S/ emerg	C/ emerg
18/27/30W	467	772	148	178	6,1kg	8,37kg
36/45W	570	875	148	178	7kg	9,37kg
54/63W	671	976	148	178	7,87kg	10,14kg
72/75W	773	1078	148	178	8,7kg	10,97kg

Nota: A dimensão A ou D aumenta em 120mm quando a opção for com borne de 6mm²
Note: The dimension A or D increases by 120mm when the option is with 6mm² bracket.

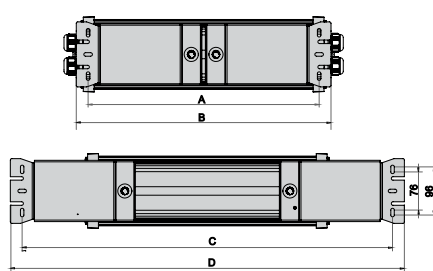
Suporte Olhal Regulável(OL)
Adjustable Olhal Support

Suporte Teto Angular (TA)
Angular ceiling support

Suporte Grampo (G□)
Grampo support

Suporte Ajustável (TA)
Grampo support

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

Suporte Grampo (G□)
Grampo support (G□)


G3 - 3/4"
G0 - 1"
G1 - 1.1/4"
G2 - 1.1/2"
G4 - 2"
G6 - 3"
G7 - 3.1/2"


Suporte Olhal Ajustável (OL)
Adjustable Olhal Support (OL)

**Suporte Pendente para
Fixação de Eletroduto (D)**
Pending Support for Electrodut fixation

Suporte Regulável (SR)
Adjustable Support (SR)

P - Portátil / Portable


Potência / Power (W)		18	27	36	45	54	63	72
(B)	Dimensão sem emergência (mm) Dimension no emergency	433	433	535	535	637	739	739
	Dimensão emergência (mm) Dimension emergency	601	601	703	703	805	907	907

Nota: A dimensão B aumenta em 120mm quando a opção for com borne de 6mm²

Suporte Ajustável (SX ou SZ)
Adjustable Support (SX or SZ)


Suporte Ajustável Sem Emergência/ Adjustable Support Without Emergency								
Potência (Power)	SX - Pequeno/ Small				SZ - Grande/ Big			
	Mín (mm)		Máx (mm)		Mín (mm)		Máx (mm)	
	A	B	C	D	A	B	C	D
18W	458	505	738	785	662	709	942	989
27W								
36W	560	607	840	887	764	811	1044	1091
45W								
54W	662	709	942	989	866	913	1146	1193
63W								
72W	764	811	1044	1091	968	1015	1248	1295

Suporte Ajustável Emergência/ Adjustable Emergency Support								
Potência (Power)	SX - Pequeno				SZ - Grande			
	Mín (mm)		Máx (mm)		Mín (mm)		Máx (mm)	
	A	B	C	D	A	B	C	D
18W	458	505	898	945	662	709	1102	1149
27W								
36W	560	607	100	1047	764	811	1204	1251
45W								
54W	662	709	1102	1149	866	913	1306	1353
63W								
72W	764	811	1204	1251	968	1015	1408	1455

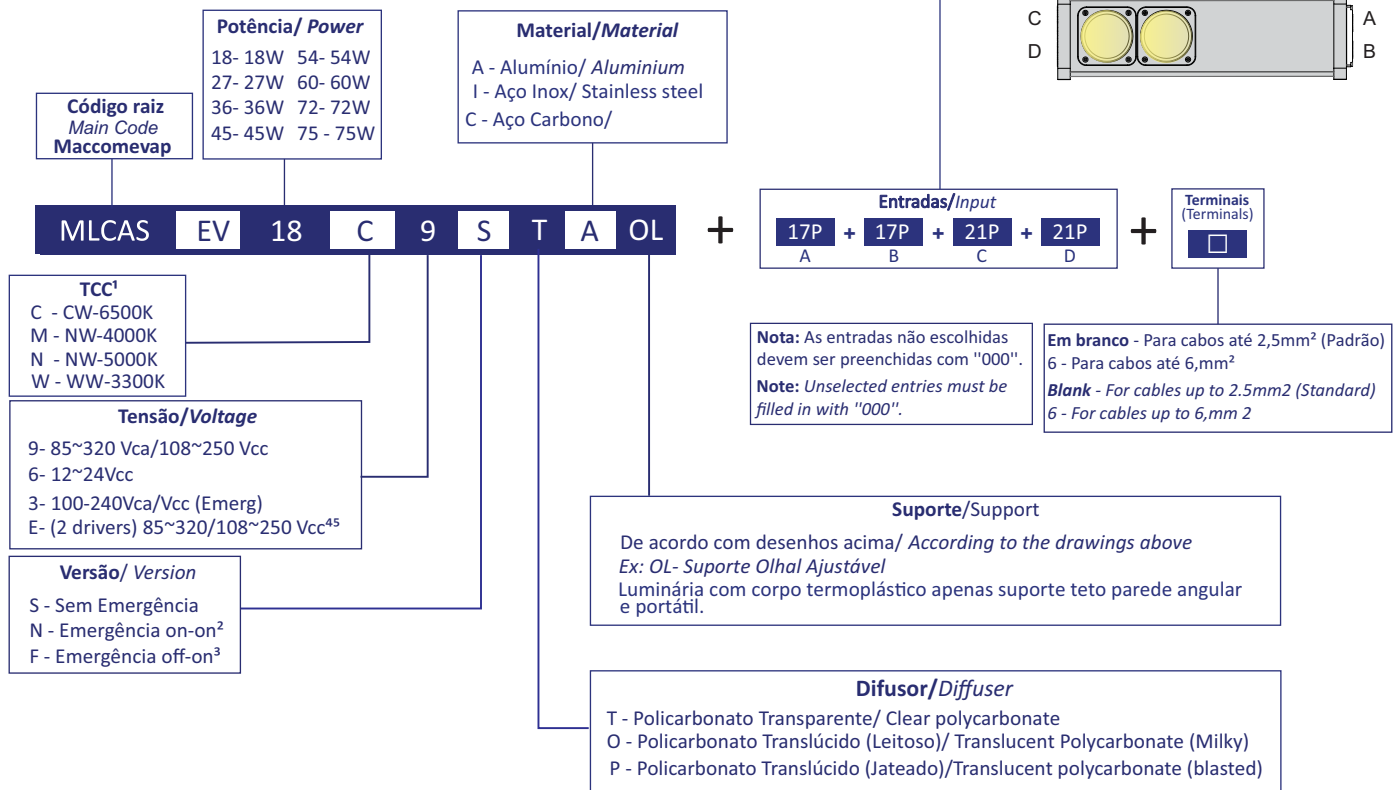
Nota: A dimensão A, B, C ou D aumenta em 120mm quando a opção for com borne de 6mm²
Note: The dimension A, B, C or D increases by 120mm when the option is with 6mm² bracket

Sobressalentes/ Spare	
Código	Item
MBATCJ0006	CJ Bateria
MLCASCJ00039	CJ Módulo Led - Lente Transl. CW
MLCASCJ00029	CJ Módulo Led - Lente Transp. CW
Ver Catálogo de driver	Driver
MLCASCJ00086	Inversor
MMC777MODCNA	Microchave dupla
MMC777MOMCNA	Microchave mono
MLCAS0033	Vedação Lente MOD
MLCAS0125	Vedação Tampa de Inspeção

PRENSA CABOS E/OU TAMPÕES (Cable grand and/or stopping plug)			ALUMÍNIO (Aluminium)	LATÃO NIQUELADO (Nickel brass)	AÇO INOX (Stainledd Steel)	POLIAMIDA (Polyamide)
MODELO (Model)	ROSCA (Thread)	RANGE (Thread)				
A2F 148	M20P	3,5-11,5	02A	02L	02I	N/A
	M20G	8,0-16,0	03A	03L	03I	
	M25P	8,0-6,0	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	10A	10L	10I	
	M20	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	M20P	6,0-12,0	N/A			15P
	M20G	10,0-14,0				16P
	M25P	6,0-14,0				17P
	M25	14,0-18,0				18P
TAMPÃO	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



* 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 - Luminaire 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 - Luminaire remains "OFF" and turns on in case of power failure.

4 -(2 drivers)- Somente para 54W (O funcionamento dos módulos será feita de forma intercalada./ (2 drivers) - only for 54W (the operation of the modules will be done intermittently).

5 - Dois Drivers, ligação independente./ Two Drivers, independent link.

Nota/Note: De acordo com a solicitação do cliente este código pode variar para definição de outras potências, sendo este enviado na proposta comercial./ According to the customer's request, this code may vary for the definition of other powers, being sent in the commercial proposal.