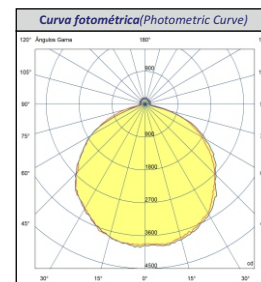




Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous Flux)
18W	12-24 Vcc	4008.67 Lm
27W		5785.64 Lm
36W		7014.30 Lm
45W	85-320Vca/ 108-250Vcc	7882.04 Lm
54W		9217.84 Lm
63W	100-240 Vca/Vcc	10909.44 Lm
72W		12054.82 Lm

Marcação/Marking	
Gases	Ex nR IIC T* Gc
Pó(Cable Press)	Ex tb IIIC T* Db
Classe de Temperatura (Temperature Class)	T6/T85°C
Grau de Proteção (Protection Degree)	IP66W
Zonas(Zones)	2, 21 e 22
Temperatura de Operação (Protection Degree)	-20°C ≤ Ta ≤ +50°C
Certificado(Certificate)	TÜV 16.1998X

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



Descrição do Produto/Product description

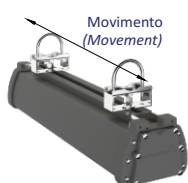
Luminária metálica linear modular de respiração restrita com módulos circulares MACCOMEVP, com ou sem sistema de emergência, com tampa de inspeção exclusiva e conjunto elétrico removível;

Corpo: Alumínio injetado copper free ou termoplástico;
Difusor: Policarbonato resistente a 4 joules de impacto, transparente ou translúcido (leitoso) ou translúcido (jateado) com proteção a raios UV;
THD: ≤10%;
IRC: >70;
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 / 7 / 15 / 31, ABNT NBR IEC 60529;
Nota: Outras potências e/ou tensões sob consulta. Opção de sistema antiqueda.

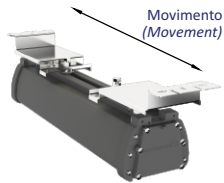
Modular linear linear linear light with MACCOMEVP circular modules, with or without emergency system, with exclusive inspection cover and removable electrical assembly;

Body: Copper free injected aluminum or thermoplastic;
Diffuser: Polycarbonate resistant to 4 joules impact, transparent or translucent (milky) or translucent (blasted) with UV protection;
THD ≤: 10%;
IRC: >70;
Microkey: Safety equipment that stops power;
Driver: Encapsulated electronic (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 Ground: Available;
Impact: Ik08;
Service life: > 60000 hours;
Warranty: 5 years;
Technical standards: ABNT NBR IEC 60079-0 / 7 / 15 / 31, ABNT NBR IEC 60529;
Note: Other powers and/or tensions under consultation. Fall-over option.

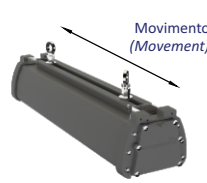
Suporte Grampo (G□)
Clamp Bracket



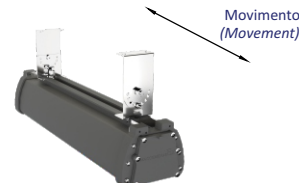
Suporte Ajustável- (SX e SZ)
Adjustable Stand



Suporte Olhal Regulável (OL)
Adjustable eyebolt support

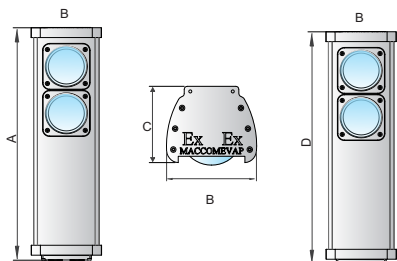


Suporte Teto Angular (TA)
Bracket Angular Roof



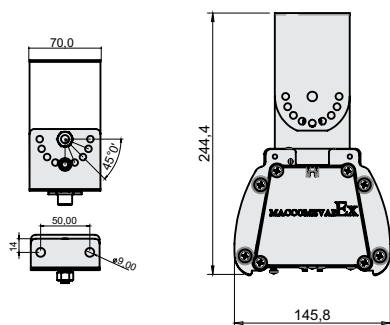
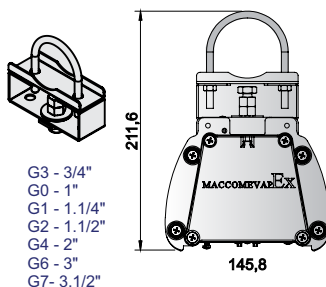
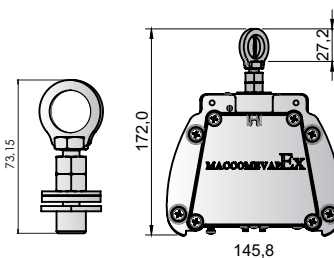
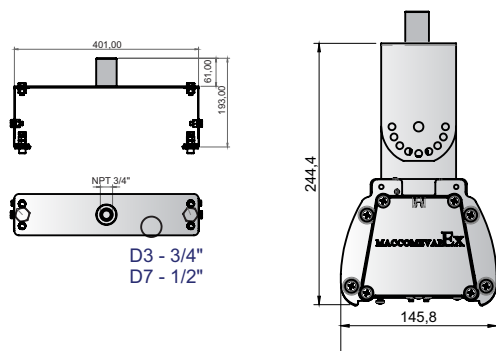
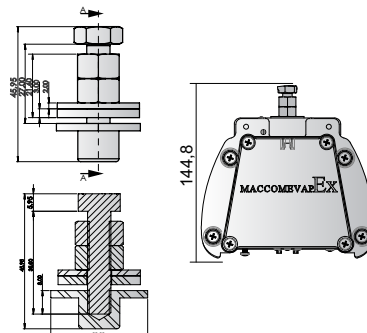
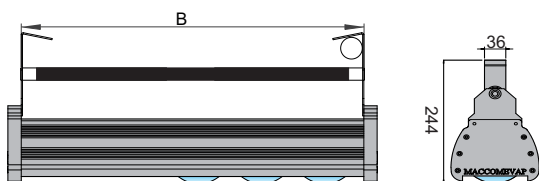
MLCASN - (Código raíz/Root Code)

Linear/Linear -1

Normal
(Normal)Com Emergência
(With emergency)

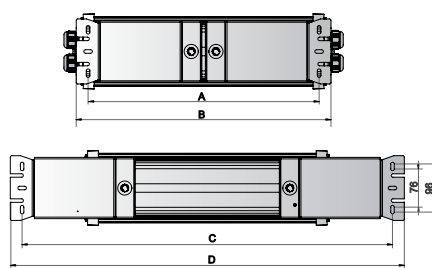
Potência (Power)	Dimensões/Dimensions(mm)				Peso/Weight	
	A	B	C	D	S/ emerg	C/ emerg
18/27W	495	148	122	800	4,14kg	6,41kg
36/45W	596	148	122	901	5,18kg	7,45kg
54/63W	697	148	122	1002	6,23kg	8,5kg
72W	798	148	122	1103	7,58kg	9,85kg

Nota: A dimensão A ou D aumenta em 120mm quando a opção for com borne de 6mm²
 Note: Dimension A or D increases by 120mm when option is with 6mm² terminal

Suporte Teto Parede Angular-(TA)
(Bracket Ceiling Angular wall)Suporte Grampo-(G□)
(Clamp bracket)Suporte Olhal Ajustável-(OL)
(Adjustable Eyebolt Support)Suporte Pendente para Fixação de Eletroduto- (D□)
(Pending support for attachment of conduit)Suporte Regulável-(SR)
(Adjustable stand)Portátil-P
(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
 Note: Dimension B increases by 120mm when option is with 6mm² terminal

Suporte Ajustável-(SX ou SZ)
(Adjustable Stand)

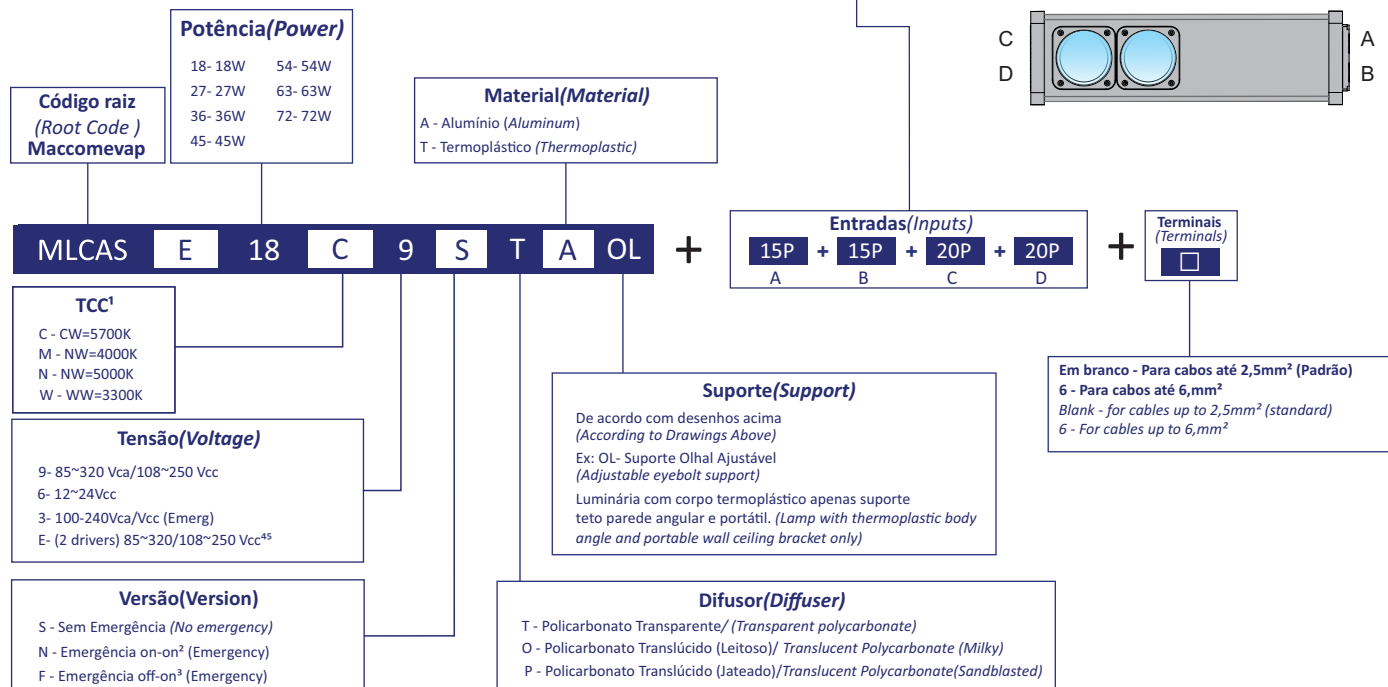
Suporte Ajustável Sem Emergência (Adjustable support without emergency)		SX - Pequeno(Small)				SZ - Grande(Big)			
Potência (Power)	Mín (mm) A	Máx (mm) B		Mín (mm) C		Máx (mm) D		Mín (mm) A	
		B	C	D	B	C	D	B	C
18W	458	505	738	785	662	709	942	989	
27W									
36W	560	607	840	887	764	811	1044	1091	
45W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

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

Suporte Ajustável Emergência (Adjustable support with emergency)		SX - Pequeno(Small)				SZ - Grande(Big)			
Potência (Power)	Mín (mm) A	Máx (mm) B		Mín (mm) C		Máx (mm) D		Mín (mm) A	
		B	C	D	B	C	D	B	C
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	

PRENSA CABOS E/OU TAMPÕES (Cable grand and/or stopping plug)			ALUMÍNIO (Aluminum)	LATÃO (Níquelado)	AÇO INOX (Stainless Steel)	POLIAMIDA (Polyamide)
MODELO (Model)	ROSCA (Thread)	RANGE (Range)				
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	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 (Cap)	M20	N/A	20A	20L	20I	20P
	M25		21A	21L	21I	21P
A2F 148	1/2"	3,5 - 11,5	22A	22L	22I	N/A
	1/2" G	8,0 - 16,0	23A	23L	23I	
	3/4" ES	3,5 - 11,5	24A	24L	24I	
	3/4"	8,0 - 16,0	25A	25L	25I	
E1F 147	3/4"P	8,0 - 11,5 / 12,9 - 15,8	27A	27L	27I	
	3/4"G	11,0 - 13,5 / 15,5 - 20,8	28A	28L	28I	
	1"	13,0 - 19,5 / 20,3 - 27,2	29A	29L	29I	
E1F 160	3/4"	10,5 - 19,5 / 16,5 - 25,0	32A	32L	32I	
	3/4"	8,0 - 14,0 / 12,5 - 21,0	33A	33L	33I	
A2 159	3/4"G	6,0 - 14,0	N/A			36P
	3/4"	14,0 - 18,0				37P
TAMPÃO (Cap)	1/2"	N/A	38A	38L	38I	38P
	3/4"		39A	39L	39I	39P

* 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 (Correlates 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 remains on in power failure.)

3 - Sistema de emergência OFF/ON - Luminária permanece "DESLIGADA" e liga na falta de energia.
(Emergency OFF/ON system - luminaire stays "OFF" and turns on in power failure.)

4 - (2 drivers) - somente para 54W (o funcionamento dos módulos será feita de forma intercalada).
(2 drivers) - only for 54W (modules will be operated interleaved).

5 - Dois Drivers, ligação independente.
(Two Drivers, Independent Link.)

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