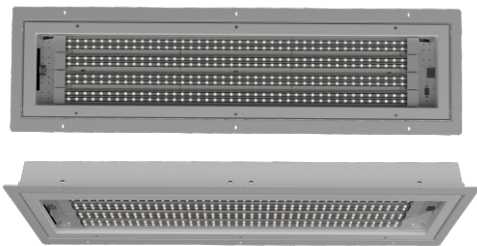


ML014NLT-(Código raiz/Root code)

Barra LED/ Led bar

Abertura Frontal/Front



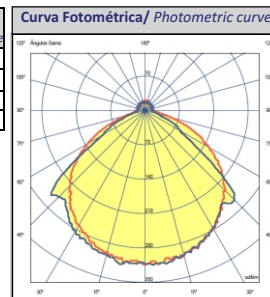
Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous flux)
31W	85-320Vca / 108-320Vcc ou 12-24Vcc	4380.70 lm
60W		7617.53 lm
62W		8761.34 lm
120W		16954.80 lm

*Fluxo luminoso referente a CW./Luminous flux referring to CW.

*Fluxo luminoso NW e WW solicitar./Luminous flux NW and

Marcação/Marking	
Gases	Ex ec IIC T* Gc
Pó/Dust	Ex tb IIIC T**C Db
Classe de Temperatura Temperature Class	T5/T100°C
Grau de Proteção Degree of Protection	IP66 (AC) IP66W (AI,AL)
Zonas/Zones	2, 21 e 22
Temperatura Operação Operating Temperature	-20°C < Ta <+ 50°C

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



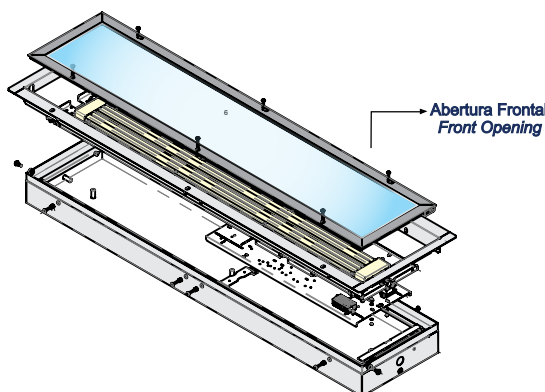
Descrição do Produto/ Product Description

Luminária SALA LIMPA metálica não ascendível LED MACCOME VAP, versões para embutir ou sobrepor com ou sem sistema de emergência.

Corpo: Aço inox, aço carbono ou alumínio copper free;
Cor: Branca, outras sob consulta;
Difusor: Vidro temperado;
THD: ≤10%;
IRC: >70;
Aprovações: LM 80, LM 79;
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- 0/7/31;
 ABNT NBR IEC 60529;
Certificado: Ex TÜV 12.1036;
Nota: Outras tensões sob consulta.

CLEAN ROOM luminaire LED MACCOME VAP available in metallic non-ascending versions, which can be embedded or overlapped, with or without an emergency system.

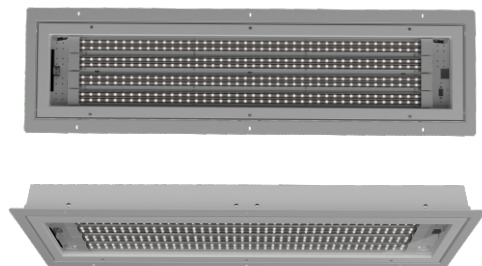
Body: Stainless steel, carbon steel or copper-free aluminum;
Color: White, others on request;
Diffuser: Tempered glass;
THD: ≤10%;
IRC: >70;
Approvals: LM 80, LM 79;
Driver: Encapsulated electronics (embedded DPS);
Protection: Against short circuit, overtemperature, overvoltage, undervoltage, overcurrent;
Power factor: > 0,95;
Frequency: 50/60Hz;
Battery: Autonomy: minimum 1:30 h. NBR 10.898:2013;
Input: By cable press (see table);
Terminals: For cables up to 6mm²;
External grounding: Available;
Impact: IK08;
Service Life: > 60000 hours;
Warranty: 5 years;
Technical standards: ABNT NBR IEC 60079- 0/7/31;
 ABNT NBR IEC 60529;
Certificate: Ex TÜV 12.1036;
Note: Other stresses on request.



ML014NLT-(Código raiz/Root code)

Barra LED/ Led bar

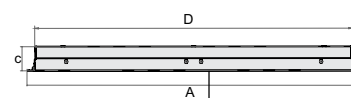
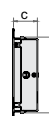
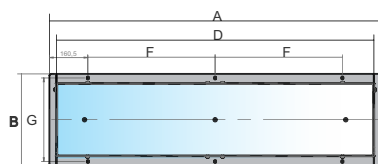
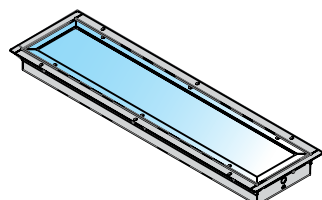
Abertura Frontal/Front



Potência (Power)	Peso/Weight(Kg)			
	S/Emergência No Emergency		C/Emergência With Emergency	
	Al / AC	AL	Al / AC	AL
31W	10,5	8,79	12,10	10,39
62W				
60W	19,9	16,35	21,9	18,35
120W				

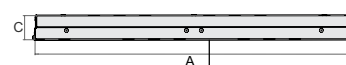
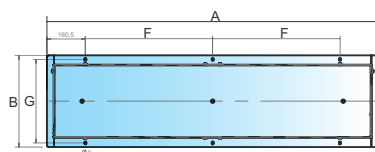
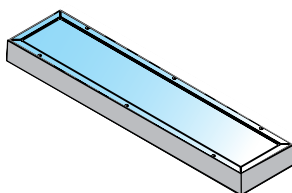
Potência (Power)	Dimensões/Dimensions(mm)									
	Embutir/Embed(EB)							Sobrepôr/Overlap(SB)		
	A	B	C	D	E	F	G	A	B	C
31/62W	775	382	101	1284	315	354	712	718	325	115
60/120W	1381	382	101	1341	315	530	348	1341	325	115

(EB)- Luminária de Embutir LED panel



Abertura Frontal
Front Opening

Luminária de Sobrepôr (SB) Overlapping luminaires



Abertura Frontal
Front Opening

ML014NLT-(Código raiz/Root code)

Barra LED/ Led bar

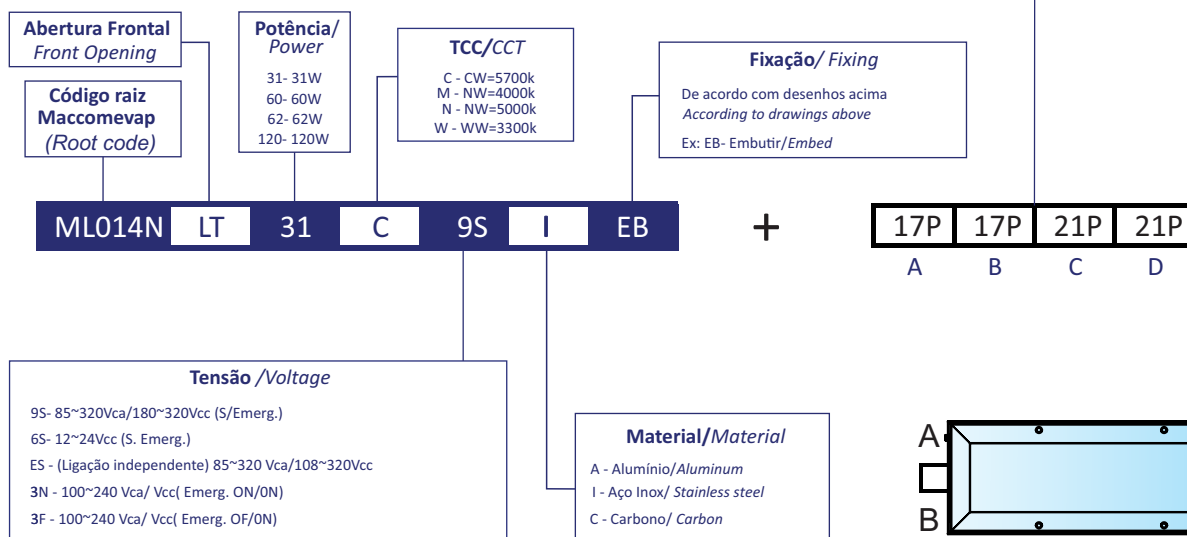
Abertura Frontal/Front

Sobressalentes/Spare	
Código/Code	Item/Item
MBATCJNT05	CJ Bateria 31W
MBATCJNT05	CJ Bateria 60W
ML010DIF2PO	CJ Difusor 31W
ML010DIF4PO	CJ Difusor 60W
ML010LCJ31C	CJ PCB + Led 31W CW
ML010LCJ56C	CJ PCB + Led 60W CW
Ver Catálogo de driver	Driver
MLAVFCJ0055	Inversor 31W
MLAVFCJ0056	Inversor 60W
MMC777MOMLNF	Microchave dupla
MMC777MODLNF	Microchave mono
MLAVFREF3AL	Refletora 31W
MLAVFREF5AL	Refletora 60W
MLAVFVD4DIF	Vedação Difusor 31W
MLAVFVD2DIF	Vedação Difusor 60W

PRENSA CABOS E/OU TAMPÕES (Cable grand and/or stopping plug)			ALUMÍNIO Aluminium	LATÃO NIQUELADO Nickelated brass	AÇO INOX Stainless steel	POLIAMIDA Polyamide
MODELO Model	ROSCA Thread	RANGE Range				
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 (Cap)	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

* Supply standard Polyamide 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).

*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).

*Emergency OFF/ON does not accompany drive.

* Other connections on request.