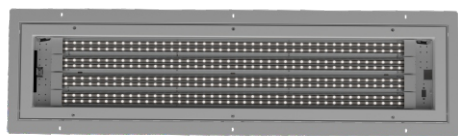


ML014NLD-(Código raíz/Main Code)

Barra LED/ Led bar

Abertura traseira/ Back opening



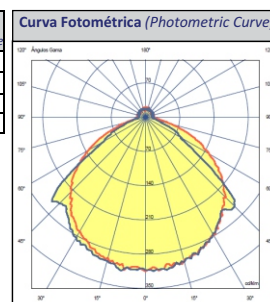
Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous flux)
31W	85-320Vca / 108-320Vcc ou 12-24Vcc	4380.70 lm
60W		7617.53 lm
62W		8761.34 lm
120W		16954.80 lm

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

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

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 (Al,AL)
Zonas/Zones	2, 21 e 22
Temperatura Operação Operating Temperature	-20°C < Ta <+ 50°C

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



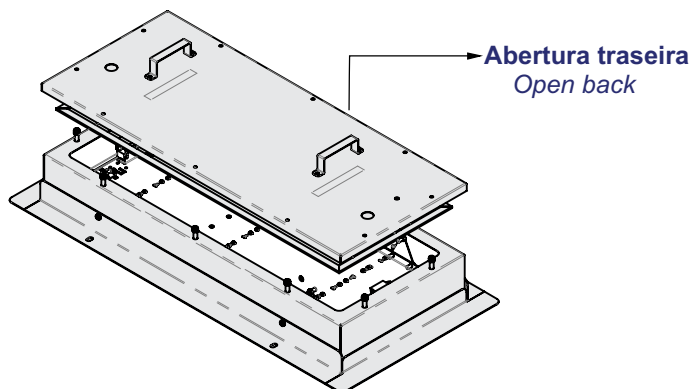
Descrição do Produto/ Product Description

Luminária SALA LIMPA metálica não ascendível LED MACCOMEVP, 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: TÜV 12.1036;
Nota: Outras tensões sob consulta.

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

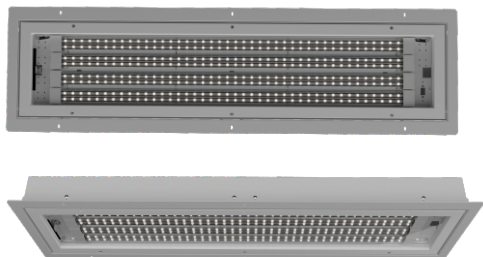
Body: Stainless steel, carbon steel or copper-free aluminum;
Color: White, others on request;
Diffuser: Tempered glass;
THD: ≤10%;
IRC: >70;
Approvals: LM 80, LM 79;
Driver: Encapsulated electronics (embedded DPS);
Protection: Against short circuit, overtemperature, overvoltage, undervoltage, overcurrent;
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: TÜV 12.1036;
Note: Other stresses on request.



ML014NLD-(Código raíz/Main Code)

Barra LED/ Led bar

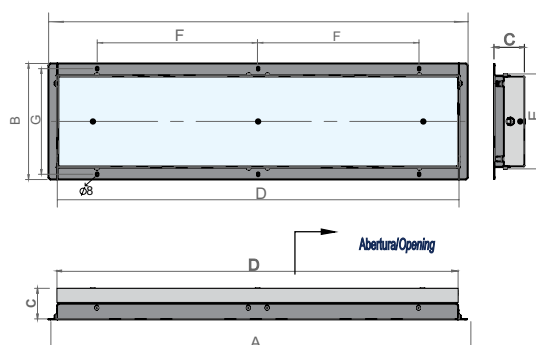
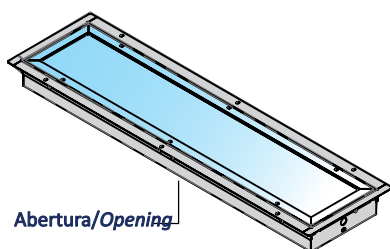
Abertura traseira/ Back opening



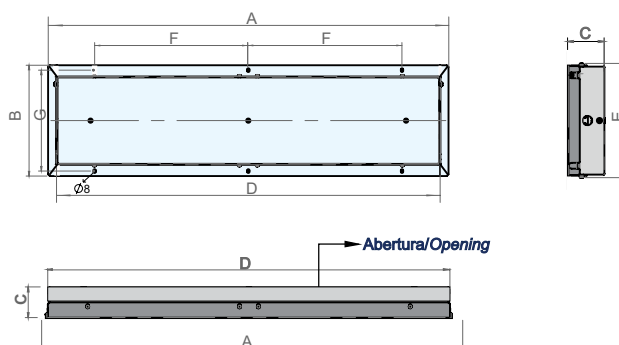
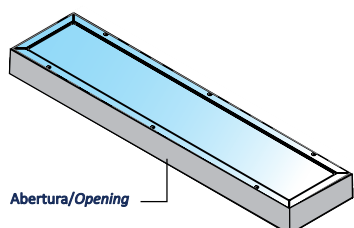
Potência (Power)	Peso/Weight(Kg)			
	S/Emergência No Emergency		C/Emergência With Emergency	
	Al / AC	AL	Al / AC	AL
31W				
62W	10,5	8,79	12,10	10,39
60W				
120W	19,9	16,35	21,9	18,35

Potência (Power)	Dimensões/Dimensions (mm)									
	Embutir/Embed (EB)							Sobrepor/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

Luminária de embutir (EB) Embed type light fixture



Luminária de Sobrepor (SB) Overlapping luminaires

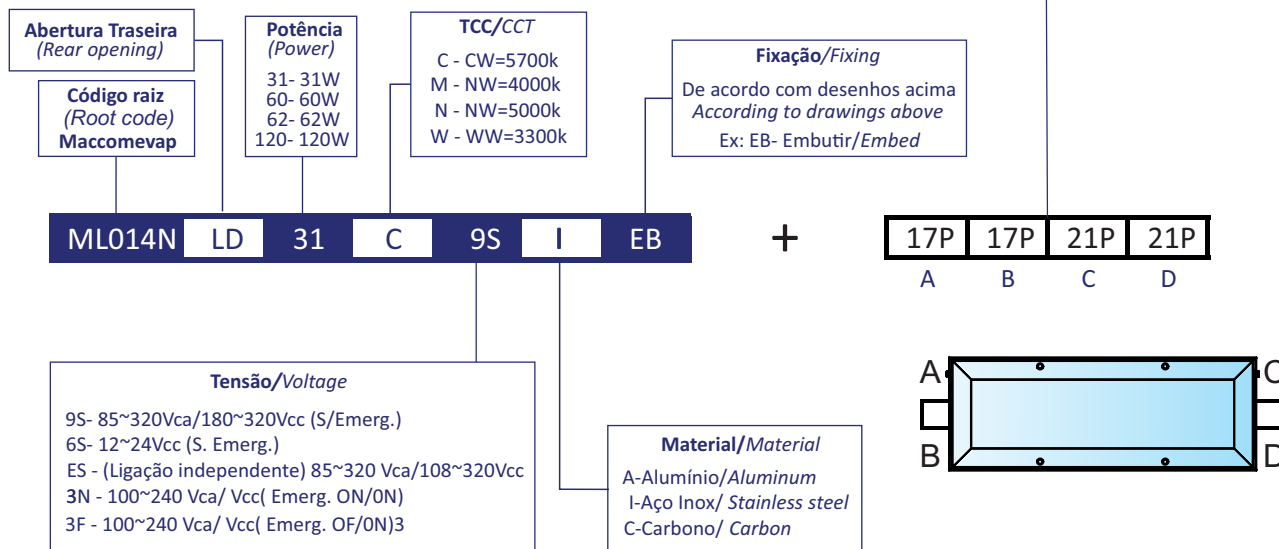


ML014NLD-(Código raíz/Main Code)

Barra LED/ Led bar
Abertura traseira/ Back opening

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.