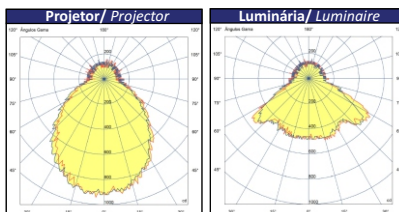


MLNMM (Código raíz/Root Code)
MPNMM (Código raíz/Root Code)

Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous Flux)
12W	12-24 Vcc	2840.21 Lm
18W		3362.77 Lm
24W	85-320Vcc	4069.95 Lm
50W	108-320Vcc	7331.48 Lm

*Fluxo luminoso referente à CW./ Luminous flux relating to CW.

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



Marcação/Marking	
Gases	Ex nR IIC Gc
Pó/Dust	Ex tb IIIC Db
Classe de Temperatura (Temperature Class)	T6/T85°C
Grau de Proteção (Protection Degree)	IP66/IP66W
Zonas/Zones	2, 21 e 22
Temperatura de Operação (Operation temperature)	-20°C ≤ Ta ≤ +40°C
Certificado/Certificate	TÜV 15.1577 X

Temperatura de cor CCT- Correlated Color Temperature	Peso (Kg) (weight)
CW	5700K
NW	4000K
NW	5000K
WW	3300K
	3,46

Descrição do Produto/Product description

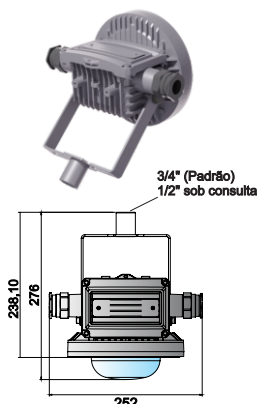
Luminária e Projetor LED, não acendível de respiração restrita com compartimento do driver incorporado.

Corpo: Alumínio injetado copper free;
Cor: Cinza (Padrão - outras sob consulta);
Difusor: Vidro temperado transparente, translúcido (Jateado), Policarbonato transparente ou translúcido (leitoso);
THD: ≤10%
IRC: >70;
Aprovações: LM80, Lm79;
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 2,5mm²;
Aterramento Externo: Disponível;
Impacto: Ik08;
Vida Útil: > 60000 horas;
Garantia: 5 anos;
Normas Técnicas: ABNT NBR IEC 60079-0 / 15 / 31, ABNT NBR IEC 60529;
Nota: Outras tensões sob consulta.

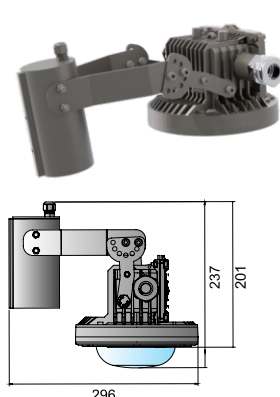
LED lamp and projector, not restricted breathing acendable with built-in driver compartment.

Body: Aluminum injected copper free;
Color: Gray (standard - others on request);
Diffuser: Transparent tempered glass, translucent (sandblasted), transparent or translucent polycarbonate (milky);
THD ≤: 10%
IRC: >70;
Approvals: LM80, Lm79;
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 2,5mm²;
External Ground: Available;
Impact: Ik08;
Service life: > 60000 hours;
Warranty: 5 years;
Technical standards: ABNT NBR IEC 60079-0 / 15 / 31, ABNT NBR IEC 60529;
Note: Other voltages on request. Aluminum injected copper free;

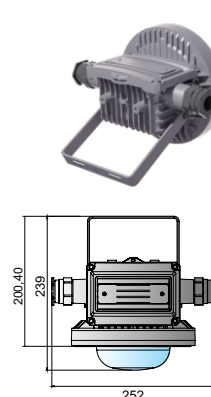
Suporte Alça Ajustável
Fixação por Eletroduto (E□)
 Support Adjustable Strap
 Attachment by Conduit



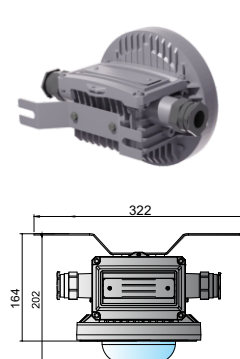
Suporte Poste Regulável (PO)
 Support Adjustable Strap
 Attachment by Conduit



Suporte Angular Tipo U (AU)
 U-Type Angle Bracket



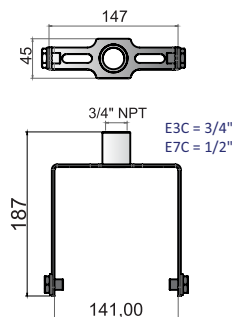
Suporte Teto (TE)
 Roof Support



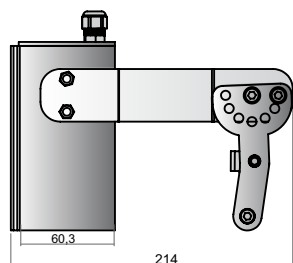
MLNMM (Código raíz/*Root Code*)
MPNMM (Código raíz/*Root Code*)

SUPORE/SUPPORT

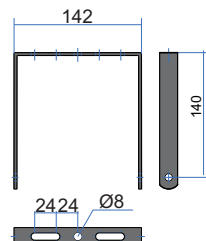
Suporte Ajustável
Fixação por Eletrodo (E□)
(Adjustable Support Fixation by Electrode)



Suporte Poste Regulável (PO)
(Support Adjustable Post)

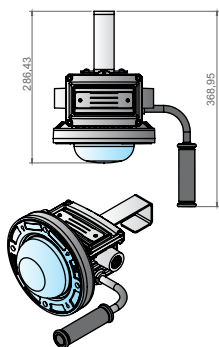


Suporte Angular Tipo U (AU)
(Angular Type U Support)

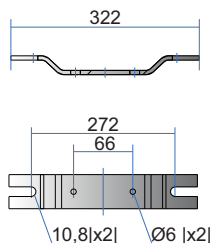


Sobressalentes(Spare)	
Código(Code)	Item(Item)
MLNMM00004	Anel Refletor
MLNMM00005	Anel Refletor
MLNMMCJ0010	CJ Difusor Polic. Transparente
MPNMMCJ0013	CJ PCB + Led CW
MPNMMNCL0014	CJ Difusor Polic. Opaco
MPNMMCJ0015	CJ Difusor vidro Transparente
MLNMMCJ0020	CJ Difusor Polic. Leitoso
MPNMMCJ0021	CJ Difusor vidro Translúcido
MLNMMCJ0022	CJ Difusor vidro Translúcido
MLNMMCJ0011	CJ Difusor vidro Transparente
MLNMMCJ0024	CJ PCB + Led CW
Ver catálogo de driver	Driver
MLNMMCJ00005	Placa refletora
MPNMMCJ00010	Vedação Aro
MPNMMCJ00011	Vedação tampa compartimentamento drive

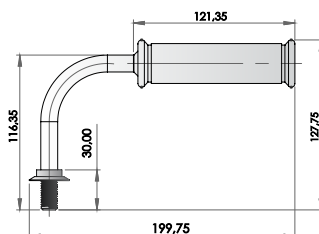
Suporte Punho e Gancho (PG)



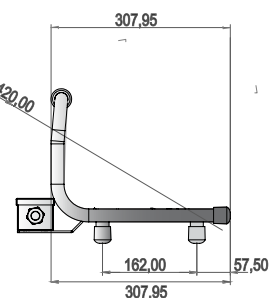
Suporte Teto (TE)
(Ceiling Support)



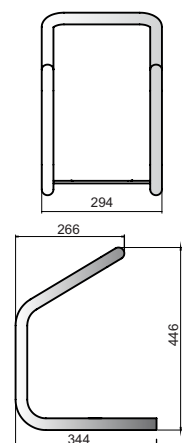
Suporte Punho Portátil (PN)
(Support Portable Handle)



Suporte Portátil (PT)
(Portable Stand)



Portátil (PT)
(Portable)



PRENSA CABOS E/OU TAMPÕES <i>(Cable Grand and/or Stopping Plug)</i>			ALUMÍNIO	LATÃO		
MODELO <i>(Model)</i>	ROSCA <i>(Thread)</i>	RANGE <i>(Range)</i>	<i>(Aluminum)</i>	NIQUELADO <i>Nickel plated</i>	INOX <i>Stainless Steel</i>	POLIAMIDA <i>Polyamide</i>
A2F 148	M25P	8,0-16,0	04A	04L	04I	N/A
	M25	13,0-20,0	05A	05L	05I	
E1F 147	M25	13,0-19,5/20,3-27,2	09A	09L	09I	
E1F 160	M25	10,5 - 19,5 / 20,3 - 27,2	12A	12L	12I	
	M25P	8,0 - 14,0 / 12,5 - 21,0	13A	13L	13I	
A2 159	M25	6,0 - 14,0	N/A			
	M25G	14,0 - 18,0				18P
TAMPÃO	M25	N/A	21A	21L	21I	21P

* Padrão de fornecimento Alumínio M25 MAC.EXDE.148
(Supply standard Alumínio M25 MAC.EXDE.148)

Tipo(*Type*)

P= Projetor/Projector
L= Luminária/*Luminaire*

Código raíz
(Root Code)
Maccomevap

Difusor(*Diffuser*)

T - Policarbonato Transparente/*Transparent Polycarbonate*
O - Policarbonato Leitoso/*Translucent Polycarbonate (Milky)*
V - Vidro Transparente/ *Transparent Glass*
J - Vidro Translúcido (Jateado)/*Translucent polycarbonate (sandblasted)*

[illegible]

Potência (Power)

$$\begin{aligned} 12 &= 12W \\ 18 &= 18W \\ 24 &= 24W \end{aligned}$$
TCC¹

W= 5700k
NW= 4000k
IW= 5000k
WW=3300k

Suporte(*Support*)

De acordo com desenhos acima
(According to drawings above)

Ex: AU - Suporte Angular Tipo U
(Angular Type U Support)

Tensão(Voltage)

9 - 85-320Vca/108-250Vcc
6 - 12~24Vcc
3 - 100-240Vca (Emerg)

*** Outras conexões sob consulta**

1 - TCC -Temperatura de cor correlata

