

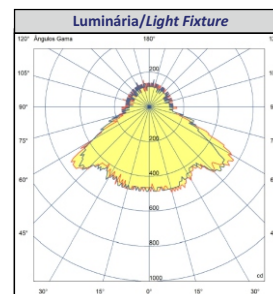
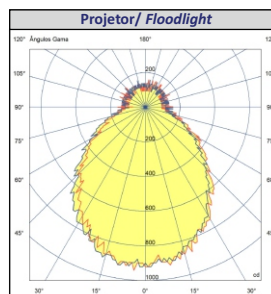
MLNMM (Código raiz/ Main code)
MPNMM - (Código raiz/ Main code)Luminária
(Light Fixture)Projektor
(Floodlight)

Potência (Power)	Tensão (Voltage)	Fluxo Luminoso (Luminous flux)
12W	12-24 Vcc	2840.21 Lm
18W	85-320Vca	3362.77 Lm
24W	108-250Vcc	4069.95 Lm

*Fluxo luminoso referente à CW. / Luminous flux referring to Cool White.
*Fluxo luminoso NW e WW solicitar. / Warm White and Normal White request.

Marcação/Marking	
Gases	Ex db op is IIC Gb
Pó (Dusty)	Ex tb op is IIIC T85°C Db
Classe de Temperatura (Temperature class)	T6/T85°C
Grau de Proteção (Protection degree)	IP66/IP66W
Zonas (Zones)	1, 2, 21 e 22
Temperatura de Operação (Operating Temperature)	-20°C ≤ Ta ≤ +40°C
Certificado (certificate)	TÜV 15.1577 X

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



Descrição do Produto (Product description)

Luminária e Projektor LED, à prova de explosão com compartimento do driver incorporado.

Corpo: Alumínio injetado copper free;

Cor: Cinza (Padrão - outras sob consulta);

Diffusor: Vidro temperado transparente ou translúcido (jateado);

THD: ≤10%

IRC: >70;

Aprovações: LM80, Lm79;

Driver: Eletrônico encapsulado (DPS incorporado);

Proteção: Contra curto circuito, sobretensão, 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: 1k08;

Vida Útil: > 60000 horas;

Garantia: 5 anos; / 5 years;

Normas Técnicas: ABNT NBR IEC 60079-0 / 15 / 31, ABNT NBR IEC 60529;

Nota: Outras tensões sob consulta.

Light fixture LED and Floodlight LED, explosion-proof with built-in driver compartment.

Body: Copper free injected aluminum;

Color: Grey (Pattern)

Diffuser: Tempered glass, transparent or etched (sandblasted)

THD: ≤10%

IRC: >70;

Approvals: LM80, Lm79;

Driver: Electronic encapsulated (DPS embedded);

Protections: Against short circuit, over temperature, over voltage, under voltage, overcurrent;

Power factor : > 0,95;

Frequency: 50/60Hz;

Input: For cable gland;

Terminals: For cables up to 2.5mm²;

External grounding: Available

Impact: 1k08;

Useful life: > 60000 hours;

Warranty: 5 years;

Technical Standards: ABNT NBR IEC 60079-0 / 15 / 31, ABNT NBR IEC 60529;

Note: Other voltages on request.

(E□)

Suporte Alça Ajustável
Fixação por Eletroduto

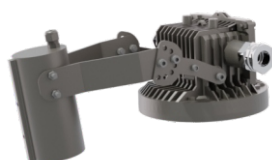
Adjustable Strap Stand Conduit Fastening



(PO)

Suporte Poste
Regulável

Pole Support Adjustable



(AU)

Suporte Angular
Tipo U

Angled Support Type U



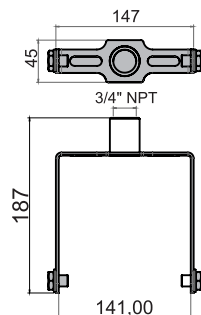
(TE)

Suporte Teto
Ceiling Support



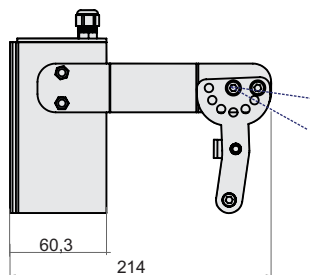
MLNMM (Código raíz/ Main code)
MPNMM - (Código raíz/ Main code)

Suporte Ajustável Fixação por Eletroduto (E□) Adjustable Post Support



E3C = 3/4"
E7C = 1/2"

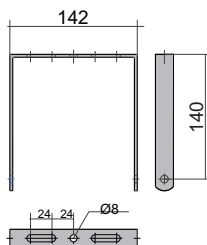
Suporte Poste Regulável (PO) Adjustable Post Support



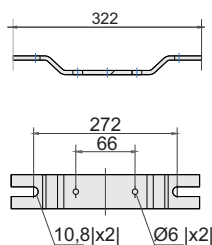
Sobressalentes/ Spare	
Código/ Code	Item/ Items
MLNMM00005	Anel Refletor
MPNMMCJ0013	CJ PCB + Led CW
MPNMMCJ0015	CJ Difusor vidro Transparente
MPNMMCJ0021	CJ Difusor vidro Translúcido
MLNMMCJ0022	CJ Difusor vidro Translúcido
MLNMMCJ0011	CJ Difusor vidro Transparente
MLNMMCJ0024	CJ PCB + Led CW
Ver catálogo de driver	Driver
MLNMMCJ00005	Placa refletora
MPNMMCJ00010	Vedação Aro
MPNMMCJ00011	Vedação tampa compartimento drive

Peso (Kg)
weight
3,46

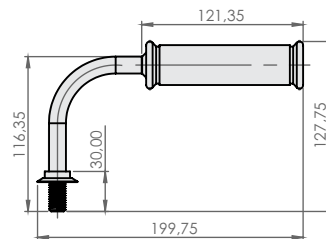
Suporte Angular Tipo U (AU) Angle support



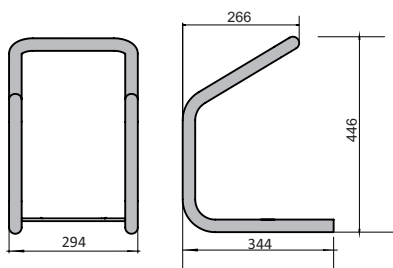
Suporte Teto (TE) Ceiling mount



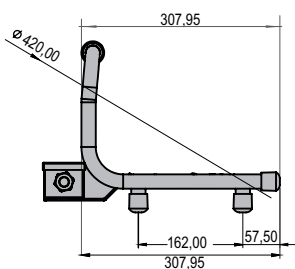
Suporte punho portátil (PN) Portable mounting (bracket handle)



Portátil (PT) Portable

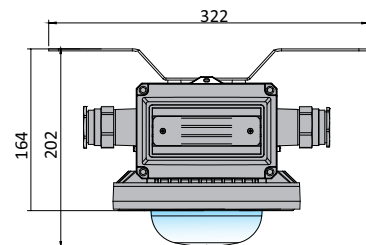
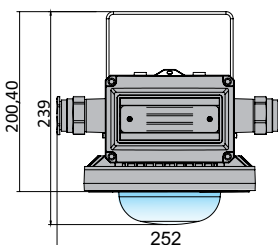
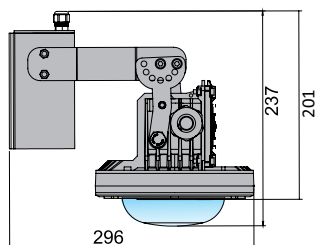
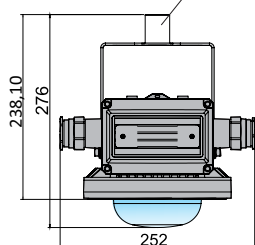


Suporte Portátil (PT) Portable Stand



Desenho dimensional/ Dimensional drawing

3/4" (Padrão/ Standard)
1/2" Sob consulta/ On request



MLNMM (Código raiz/ Main code)
MPNMM - (Código raiz/ Main code)

PRENSA CABOS E/OU TAMPÕES (Cable gland and/or stopping plug)			ALUMÍNIO Aluminium	LATÃO NIQUELADO Nickel brass	AÇO INOX Stainless Steel	POLIAMIDA Polyamide
MODELO Model	ROSCA Thread	RANGE Range				
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	12 L	12I	
	M25P	8,0 - 14,0 / 12,5 - 21,0	13A	13L	13I	
TAMPÃO Cap	M25	N/A	21A	21L	21I	

* Padrão de fornecimento Alumínio M25 MAC.EXDE.148

* Supply Standard Aluminium M25 MAC.EXDE.148

Ângulo da lente e Tubo de fixação Schedule 40.
Angle of lens and Tube fixing Schedule 40.

A = 150°x70°	Tubo 48,3~60,3 mm 1".1/2 até / up to 2"
B = 60°x60°	
C = 90°x90°	
D = 150°x70°	Tubo 33,4~48,3 mm 1" até / up to 1.1/2"
E = 60°x60°	
F = 90°x90°	
G = 150°x70°	Tubo 15~33,4 mm Até 5/8 up to 1"
H = 60°x60°	
I = 90°x90°	

Padrão(Standard) A= 150°x70° com Tubo 48,3~60,3mm

Potência/ Power

12 = 12W
18 = 18W
24 = 24W
50 = 50W (Somente Projetor)
50 = 50W (Projector Only)

Difusor/Diffuser

V - Vidro Transparente
J - Vidro Translúcido
(Jateado/Sandblasted)

MLNMM D 12 C 9 V AU + Entradas/inputs 04A + 04A A B + Opcionais Optional

Código raiz /Main code
Maccomevap

TCC¹

C- CW 6,5K
M- NW 4K
N- NW 5K
W- WW 3,3K

Tensão/ Voltage

9 - 85-320Vca/108-320Vcc
6 - 12~24Vcc
3 - 100-240Vca (Emerg)Nota: As entradas não escolhidas devem ser preenchidas com "000".
Note: Unselected entries must be filled with "000".

Suporte/ support

De acordo com desenhos acima/
According to drawings aboveEx: AU - Suporte Angular Tipo U
/ Angular Support Type

De acordo com opcionais solicitados pelo cliente este código pode variar, sendo este enviado na proposta comercial.

According to options requested by the customer, this code may vary, and it is sent in the commercial proposal.

* Outras conexões sob consulta/ Other connections on request

1 - TCC - Temperatura de cor correlata/ Correlated color temperature