

M48 Area Flood

Cariboni





M48 Area Flood



220-240V 50/60Hz	Tensione di alimentazione <i>Nominal voltage</i> Nennspannung	
CL I only 4 modules CL II	Classe di isolamento elettrico <i>Electrical insulation class</i> Elektrische Isolierklasse	
IP66	Grado di protezione <i>Insulation protection degree</i> Isolationsschutzgrad	
IK08	Protezione contro gli urti <i>Protection against impact</i> Stoßfestigkeit	
>0.90	Fattore di potenza <i>Power factor</i> Leistungsfaktor	
10kV	Protezioni da sovratensioni di modo comune <i>Common mode overvoltage protection</i> Schutz vor Gleichtakt-Überspannungen	
10kV	Protezioni da sovratensioni di modo differenziale <i>Differential mode overvoltage protection</i> Schutz vor Gegentakt-Überspannungen	
-30° C +45° C	Temperatura ambiente <i>Ambient temperature</i> Umgebungstemperatur	
Grey RAL9006	Colori <i>Colours</i> Farben	
Included	Alimentazione elettronica <i>Electronic power supply</i> Elektronische Stromversorgung	
HM4 Main voltage variation Emergency lighting CLO on request DALI on request Wireless on request PLC on request Pilot line on request Motion detectors/ brightness on request	Illuminazione intelligente <i>Smart Lighting</i> Intelligente Beleuchtung	

Installazione: staffa per plafone, torre faro (su richiesta versione orientabile)

Installation: bracket for ceiling mounting or light tower (swivel version available on request)

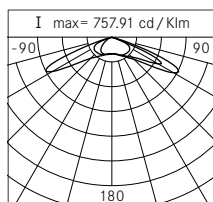
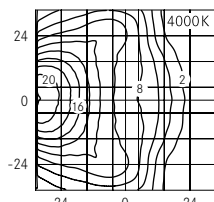
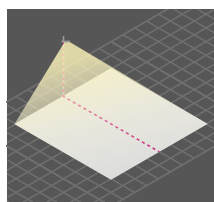
Installation: Bügel für Decken- oder Scheinwerfermasten-Einbau (auf Anfrage auch in schwenkbarer Version)

16835-61185lm	Flusso sorgente <i>Source flux</i> Lichtstrom der Lichtquelle	≥70 ≥80 on request	Indice di resa cromatica (CRI) <i>Colour rendering index (CRI)</i> Farbwiedergabe-Index (CRI)
ULOR: 0% DLOR: 100%	Cut-Off <i>Cut-Off</i> Cut-Off	> 160.000h @700mA @Ta25° C TM21 L80B20	Durata di vita delle sorgenti <i>Source lifetime</i> Lebensdauer der Quellen
4000K	Temperatura colore <i>Colour temperature</i> Farbtemperatur	> 160.000h @700mA @Ta25° C TM21 L80B10	

Ottiche asimmetriche *Asymmetrical optics* Optik asymmetrisch

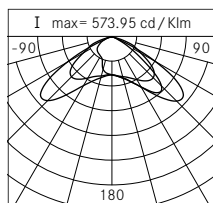
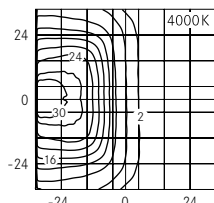
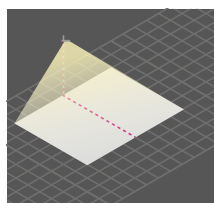
LT-06 (L/H = 2)

(H = 20m) R16 700mA 4000K



LT-05 (L/H = 1.5)

(H = 20m) R16 700mA 4000K



L = Larghezza strada, *Street Width*, Straßenbreite

H = Altezza palo, *Pole Height*, Lichtpunkthöhe

Approfondimento sistemi ottici, *Deepening optical systems*, Vertiefung optischen Systeme P. 308

Approfondimento sistemi di smart lighting, *Deepening smart lighting systems*, Vertiefung intelligenten Beleuchtungssysteme P. 310



Sistema ottico multilayers
Multilayer optical system
Optisches System "Multilayer"



Cut - Off
Cut - Off
Cut - Off



Illuminazione intelligente
Smart Lighting
Intelligente Beleuchtung



Maggiore efficienza energetica
Greater energy efficiency
Höhere Energieeffizienz



160.000h
L80B20
L80B10
Maggiore durata vita delle sorgenti
Longer lifetime of sources
Längere Lebensdauer von Leuchtmitteln



Resistenza agenti chimici/atmosferici
Resistance to chemical/atmospheric agents
Widerstand chemische/atmosphärische



Resistenza sovratensioni fino a 10kV
Overvoltage resistance up to 10kV
Überspannungsfestigkeit bis 10kV



CLO (Constant Lumen Output)
CLO (Constant Lumen Output)
CLO (Constant Lumen Output)



Precablaggio
Pre-wiring
Vorverkabelung



Sostituibilità gruppo ottico
Optical unit substitutability
Ersetzbarkeit der optischen Einheit



Sostituibilità gruppo alimentazione
Power supply unit substitutability
Ersetzbarkeit der Versorgungseinheit



Flicker free
Flicker free
Flicker free



VOC free
VOC free
VOC free



4K
ULTRA
HD
TLCI>85
TLCI>85
TLCI>85

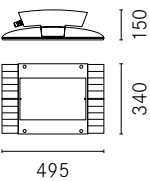


Resistenza alle pallonate
Ball impact resistance
Schlagfestigkeit gegen Bälle

M48 Area Flood Flood

220 240V	50 60Hz	CL II	IP66	IK08
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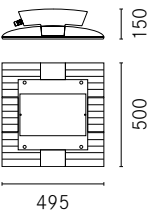
M48 Area Flood flood 2modules



Max weight: 17kg
Max exposed surface: 0.162m²
Lateral exposed surface: 0.06m²

M48 Area 2modules		
06MQ5		
Led (source flux): Ref. @700mA @4000K Ref. @700mA @3000K		
31265lm 192W	29810lm 192W	
L6	L6	
mA		
700	525	350
0	5	3
K		
4000	3000	
0	9	
Optics		
LT-5	LT-6	
38	37	
Colors		
RAL9006		
A		
Smart Lighting		
Custom programmable virtual midnight and DALI standard		
HM4		

M48 Area Flood flood 3modules



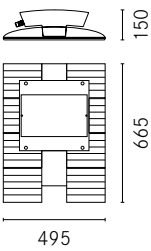
Max weight: 21 kg
Max exposed surface: 0.243m²
Lateral exposed surface: 0.07m²

M48 Area 3modules		
06MQ5		
Led (source flux): Ref. @700mA @4000K Ref. @700mA @3000K		
46225lm 286W	44075lm 286W	
Q4	Q4	
mA		
700	525	350
0	5	3
K		
4000	3000	
0	9	
Optics		
LT-5	LT-6	
38	37	
Colors		
RAL9006		
A		
Smart Lighting		
Custom programmable virtual midnight and DALI standard		
HM4		

Esempio *Example* Beispiel

06MQ5	Q4	0	0	38	A	HM4
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M48 Area Flood flood 4 modules



Max weight: 26kg
Max exposed surface: 0.324m²
Lateral exposed surface: 0.08m²

M48 Area 4 modules	
06MQ5	
Led (source flux): Ref. @ 700mA @4000 K	
61185lm* 381W	58335lm* 381W
V2	V2
*with CL I	
mA	
700	
0	
K	
4000	3000
0	9
Optics	
LT-5	LT-6
38	37
Colors	
RAL9006	
A	
Insulation class	
CL I	
S	

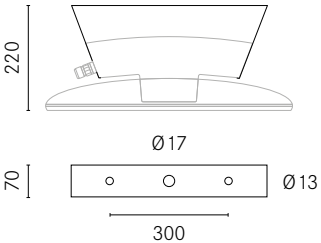
Esempio *Example* Beispiel

06MQ5	V2	0	0	38	A	S
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Accessori *Accessories* Zubehör

06MQ902XX

Staffa in acciaio Inox AISI 316
AISI 316 stainless steel bracket
Bügel aus Edelstahl AISI 316



Metalmek Lighting B.V

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LIVAL

NORDIC



ALUMINIUM



NOBILE ITALIA SpA®