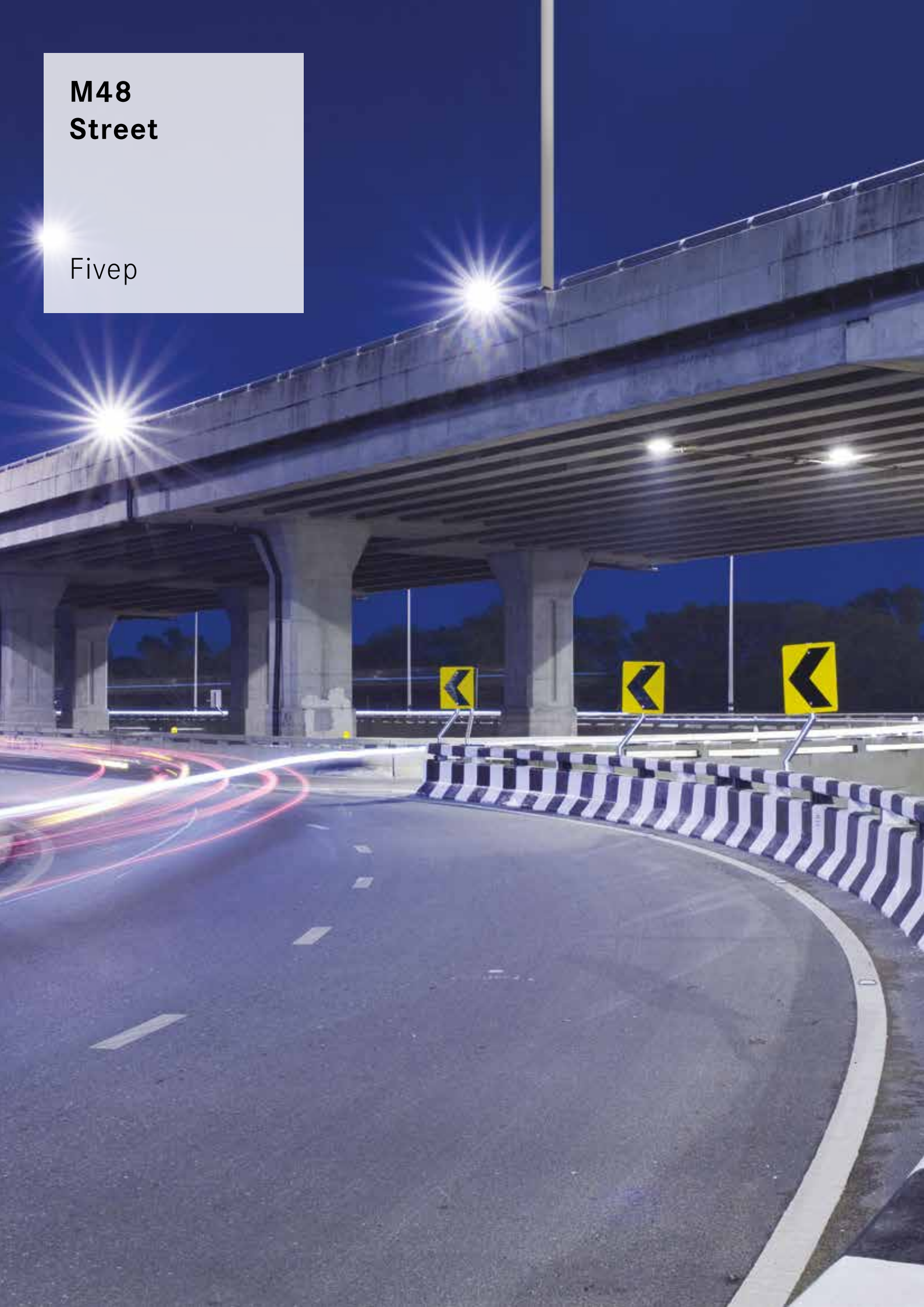
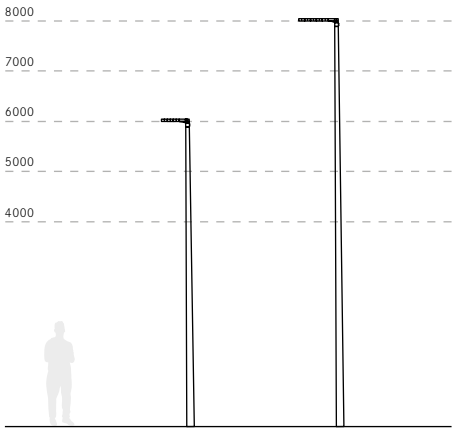


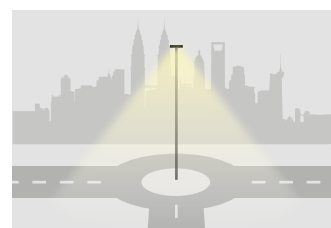
**M48
Street**

Fivep





220-240V 50/60Hz	Tensione di alimentazione <i>Nominal voltage</i> Nennspannung
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 +50° 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
HM3 HM4 CLO on request HM3 1-10V on request HM3 Main voltage variation HM4 DALI on request HM4 Pilot line on request HM4 Wireless on request PLC on request Motion detectors / brightness on request	Illuminazione intelligente <i>Smart Lighting</i> Intelligente Beleuchtung



Installazione: fissaggio con inclinazione regolabile per palo o per braccio Ø 60-76 mm

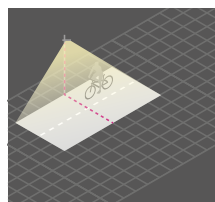
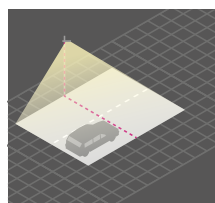
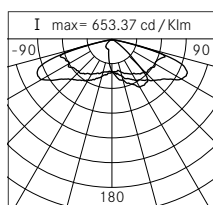
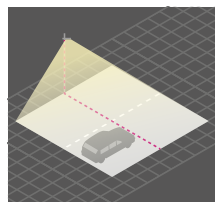
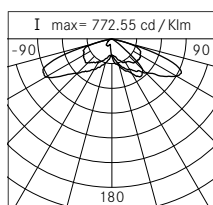
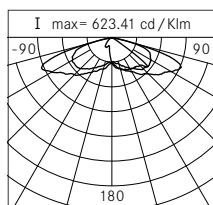
Installation: adjustable angle fitting for Ø 60-76 mm poles or arms

Installation: Befestigung mit verstellbarer Neigung für Masten oder Ausleger Ø 60-76 mm

16835-34955lm	Flusso sorgente <i>Source flux</i> Lichtstrom der Lichtquelle	≥70	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 stradali

Street asymmetrical optics Optik asymmetrisch straßenleuchte

**ST-01** (L/H = 0.75)**ME-01** (L/H = 1)**LA-01** (L/H = 1.25)

L = Larghezza strada, *Street Width*, Straßenbreite
H = Altezza palo, *Pole Height*, Lichtpunkthöhe

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



Maggiore durata vita delle sorgenti
Longer lifetime of sources
Längere Lebensdauer von Leuchtmitteln



Ta -30°C +50°C
Ta -30°C +50°C
Ta -30°C +50°C



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)



Prodotto orientabile
Orientable product
Ausrichtbares Produkt



Precablaggio
Pre-wiring
Vorverkabelung



Sostituibilità gruppo ottico
Optical unit substitutability
Ersetzbarkeit der optischen Einheit

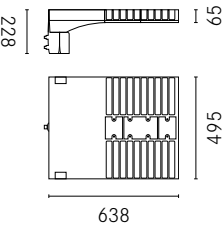


Sostituibilità gruppo alimentazione
Power supply unit substitutability
Ersetzbarkeit der Versorgungseinheit



VOC free
VOC free
VOC free

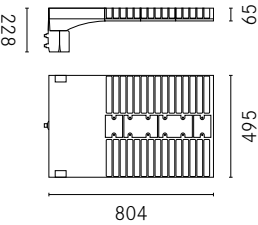
M48 Street
brackets and poles 2 modules



Max weight: 17.5kg
Max exposed surface: 0.300m²
Lateral exposed surface: 0.006m²

M48 Street 2 modules			
01MQ1			
Led (source flux): Ref. @700mA @4000K		Ref. @700mA @3000K	
31265lm 192W		29810lm 192W	
L6		L6	
mA: HM3		HM4	
700	525	350	
0			
K			
4000	3000		
0	9		
Optics			
ST-01	ME-01	LA-01	
30	32	31	
Colors			
RAL9006			
A			
Smart Lighting			
Preset virtual midnight		Custom programmable virtual midnight and DALI standard	
HM3		HM4	

M48 Street
brackets and poles 3 modules



Max weight: 21 kg
Max exposed surface: 0.381 m²
Lateral exposed surface: 0.007m²

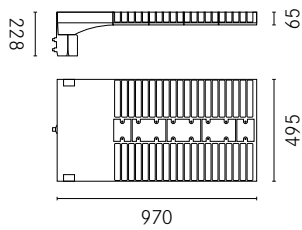
M48 Street 3 modules			
01MQ1			
Led (source flux): Ref. @700mA @4000K		Ref. @700mA @3000K	
46225lm 286W		44075lm 286W	
Q4		Q4	
mA: HM3		mA HM4	
700	525	350	
0			
K			
4000	3000		
0	9		
Optics			
ST-01	ME-01	LA-01	
30	32	31	
Colors			
RAL9006			
A			
Smart Lighting			
Preset virtual midnight		Custom programmable virtual midnight and DALI standard	
HM3		HM4	

Esempio Example Beispiel

01MQ1	Q4	0	0	30	A	HM3
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M48 Street

brackets and poles 4 modules



Max weight: 25.5kg

Max exposed surface: 0.462m²

Lateral exposed surface: 0.008m²

M48 Street 4 modules

01MQ1

Led (source flux):

Ref. @350mA @4000K

Ref. @350mA @3000K

34955lm 186W

33330lm 186W

V2

V2

mA

350

3

K

4000

0

3000

9

Optics

ST-01

30

ME-01

32

LA-01

31

Colors

RAL9006

A

Smart Lighting

Custom programmable virtual midnight and DALI standard

HM4

Metalmek Lighting B.V

Canadabaan7-d
5388 RT Nistelrode
Tel. 0412-614033

info@metalmek.nl
www.metalmek.nl



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NORDIC



ALUMINIUM



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