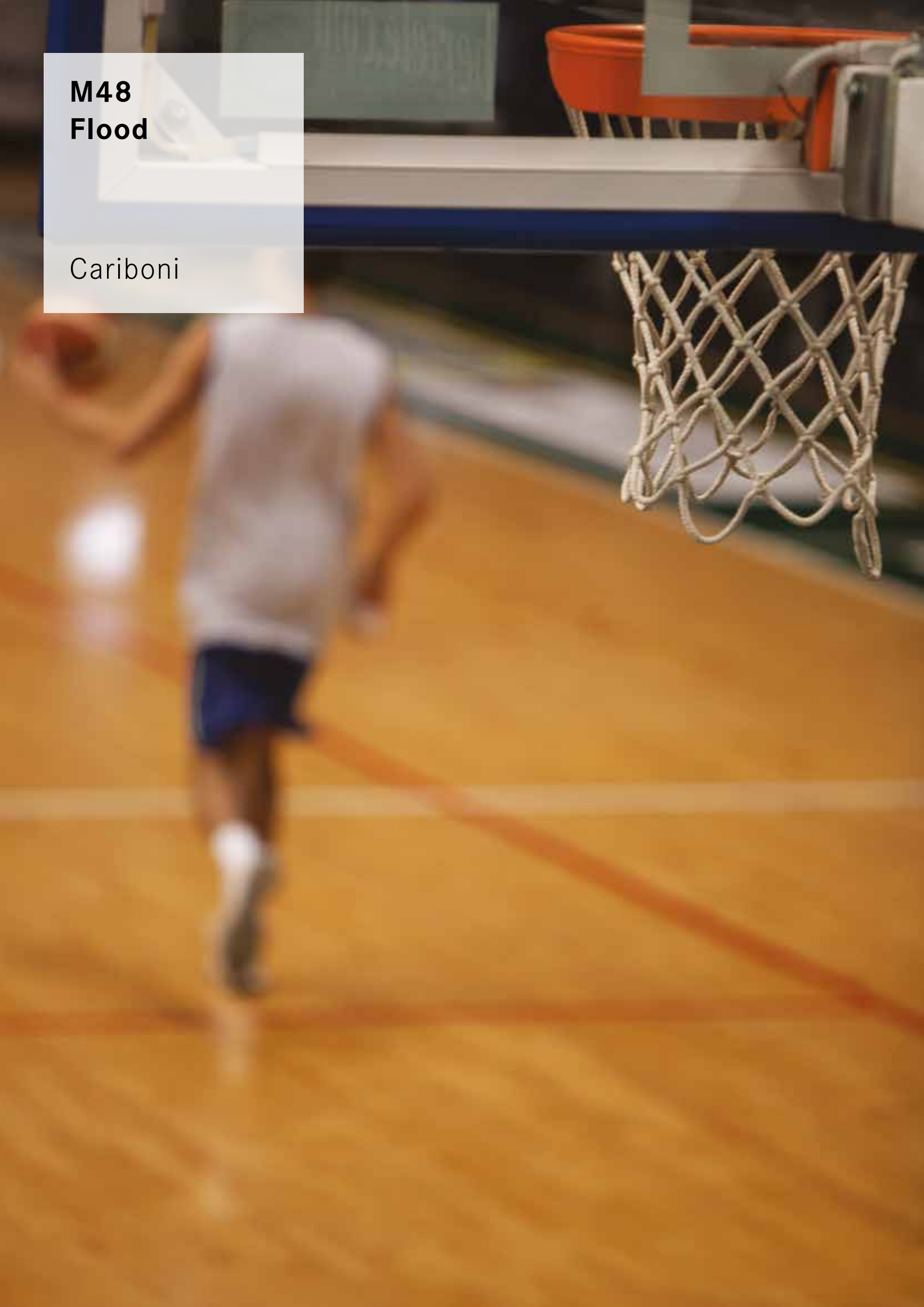
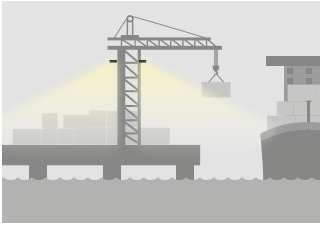

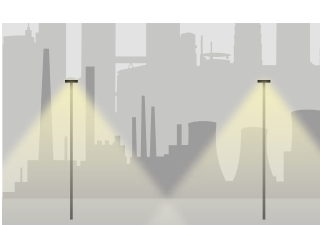
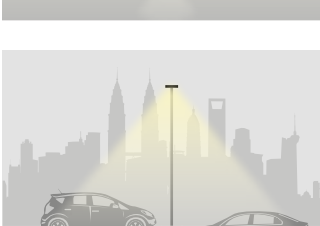
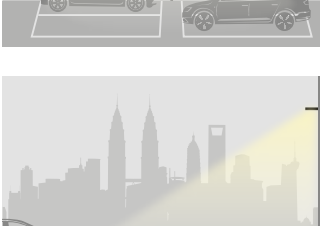
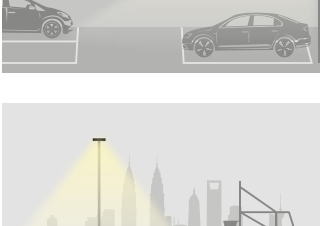





**M48
Flood**

Cariboni





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

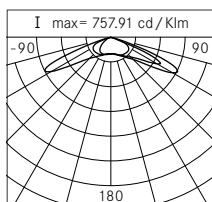
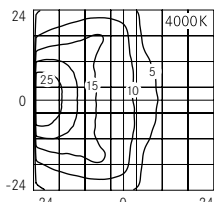
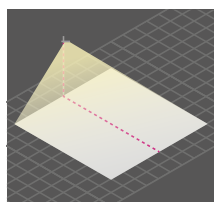
Installazione: staffa orientabile per parete o per palo
Installation: adjustable bracket for wall or pole mounting
Installation: Schwenkbarer Bügel für Wandanbau oder Masten

1685-46225lm	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

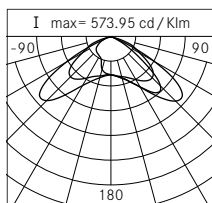
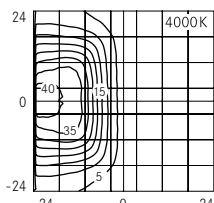
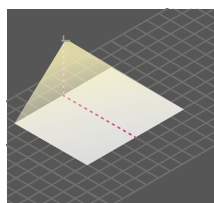
LT-06 (L/H= 2)

(H= 20m) R12 700mA 4000K



LT-05 (L/H= 1.5)

(H= 20m) R12 700mA 4000K



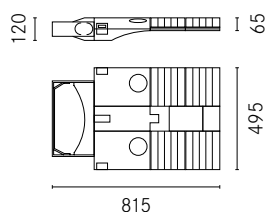
L = Larghezza strada, *Street Width*, Straßenbreite
H = Altezza palo, *Pole Height*, Lichtpunkthöhe

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 <i>Multilayer optical system</i> Optisches System "Multilayer"		Illuminazione intelligente <i>Smart Lighting</i> Intelligente Beleuchtung		Maggiore efficienza energetica <i>Greater energy efficiency</i> Höhere Energieeffizienz
	Maggiore durata vita delle sorgenti <i>Longer lifetime of sources</i> Längere Lebensdauer von Leuchtmitteln		Ta -30°C +50°C Ta -30°C +50°C Ta -30°C +50°C		Resistenza agenti chimici/atmosferici <i>Resistance to chemical/atmospheric agents</i> Widerstand chemische/atmosphärische
	Resistenza sovratensioni fino a 10kV <i>Overvoltage resistance up to 10kV</i> Überspannungsfestigkeit bis 10kV		CLO (Constant Lumen Output) CLO (Constant Lumen Output) CLO (Constant Lumen Output)		Prodotto orientabile <i>Orientable product</i> Ausrichtbares Produkt
	Precablaggio <i>Pre-wiring</i> Vorverkabelung		Sostituibilità gruppo ottico <i>Optical unit substitutability</i> Ersetzbarkeit der optischen Einheit		Sostituibilità gruppo alimentazione <i>Power supply unit substitutability</i> Ersetzbarkeit der Versorgungseinheit
	Flicker free <i>Flicker free</i> Flicker free		4K ULTRA HD TLCI>85 TLCI>85 TLCI>85		

M48 Flood flood 2 modules



Max weight: 21 kg
 Max exposed surface: 0.300m²
 Lateral exposed surface: 0.06m²

M48 Flood 2 modules
06MQ4

Led (source flux):
 Ref. @700mA @4000K Ref. @700mA @3000K

31265lm 192W L6	29810lm 192W L6
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mA		
700	525	350
0	5	3

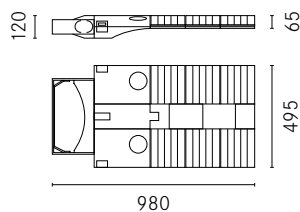
K	
4000	3000
0	9

Optics	
LT-5	LT-6
38	37

Colors	
RAL9006	
A	

Smart Lighting	
Custom programmable virtual midnight and DALI standard	
HM4	

M48 Flood flood 3 modules



Max weight: 21 kg
 Max exposed surface: 0.300m²
 Lateral exposed surface: 0.06m²

M48 Flood 3 modules
06MQ4

Led (source flux):
 Ref. @700mA @4000K Ref. @700mA @3000K

46225lm 286W Q4	44075lm 286W Q4
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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

06MQ4	Q4	0	0	38	A	HM4
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