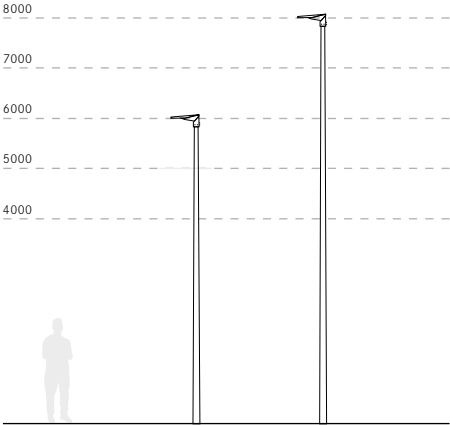


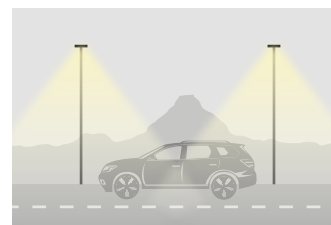
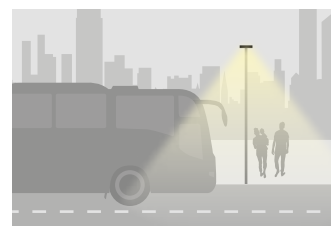
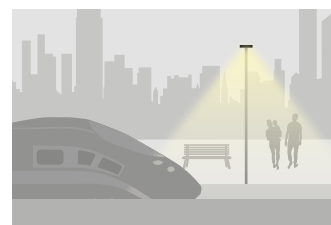
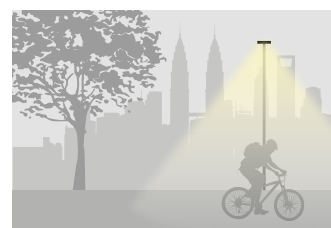
Kairos

Fivep





220-240V 50/60Hz	Tensione di alimentazione <i>Nominal voltage</i> Nennspannung
CL I on request 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 CLO 1-10V	Illuminazione intelligente <i>Smart Lighting</i> Intelligente Beleuchtung



Installazione: palo, braccio, parete

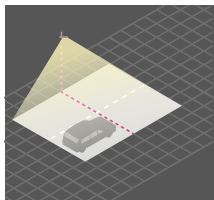
Installation: pole, arm, wall

Installation: Mast, Arm, Wand

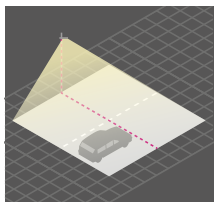
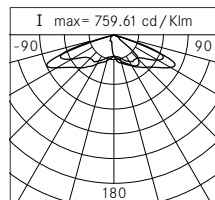
1945-11245lm	Flusso sorgente <i>Source flux</i> Lichtstrom der Lichtquelle	≥70	Indice di resa cromatica (CRI) <i>Colour rendering index (CRI)</i> Farbwiedergabe-Index (CRI)
ULOR: 0% DLOR: 100%	Cut-Off <i>Cut-Off</i> Cut-Off	>160.000h @700mA @Ta25°C TM21 L80B20	Durata di vita delle sorgenti <i>Source lifetime</i> Lebensdauer der Quellen
4000K 3000K	Temperatura colore <i>Colour temperature</i> Farbtemperatur	>160.000h @700mA @Ta25°C TM21 L80B10	

Ottiche asimmetriche stradali

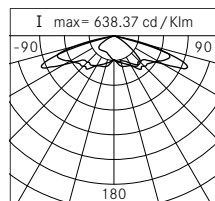
Street asymmetrical optics Optik asymmetrisch straßenleuchte



LT-W (L / H = 1)



LT-L (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. 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 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



Dimensioni compatte
Dimensions compact
Kompakten Abmessungen



Sostituibilità gruppo ottico
Optical unit substitutability
Ersetzbarkeit der optischen Einheit



Sostituibilità gruppo alimentazione
Power supply unit substitutability
Ersetzbarkeit der Versorgungseinheit

Average
energy saving

56 %

	KAIROS	Lighting fixtures with SODIUM LAMPS
65% Energy Saving	25W LED 29W Total Power	70W LAMPS 83W Total Power
57% Energy Saving	50W LED 57W Total Power	100W LAMPS 115W Total Power
57% Energy Saving	75W LED 83W Total Power	150W LAMPS 176W Total Power
CRI	> 70	> 25
Life Time	> 160.000 hr	16.000 hr

+ additional 20% of energy saving with standard dimming system

Maintenance
savings

Average life time LED > 160.000 hr > 20 years



Sodium lamps life time 16.000 hr = Nr 1 lamps change every 4 years (4200 hr /year)





Installazione

Installazione su pali o bracci con Ø76mm. Forniti sistemi di riduzione per pali con Ø46-60mm. Dispositivo di ancoraggio al palo regolabile senza necessità di aprire l'armatura.

Inclinazione in configurazione verticale (lato palo): 0° +20°, con passo 5°; inclinazione in configurazione orizzontale (braccio): 0° -20°, con passo 5°. (Kairos ha sezionatore solo su richiesta).



Installation

Installation on Ø76mm poles or arms. Adapters for Ø46-60mm poles provided. System for anchoring to poles which can be adjusted without opening the casing.

Inclination in vertical configuration (pole side): 0° +20°, in 5° steps; inclination in horizontal configuration (arm): 0° -20°, in 5° steps. (Kairos is supplied with a disconnecter on request only).



Installation

Installation an Masten oder Auslegern mit Ø76mm. Verringerungssysteme für Maste mit Ø46-60mm mitgeliefert. Vorrichtung für die Verankerung am Mast einstellbar, ohne dass die Armierung geöffnet werden muss.

Neigung in vertikaler Konfiguration (auf der Mastseite): 0° +20°, mit 5°-Step; Neigung in horizontaler Konfiguration (Ausleger): 0° -20°, mit 5°-Step. (Kairos ist nur auf Anfrage mit einem Trennschalter ausgestattet).



Manutenzione

Sostituibilità semplice e veloce del gruppo ottico e del gruppo di alimentazione. Il gruppo di alimentazione è accessibile tramite apertura delle due viti poste sulla parte superiore del prodotto ed è aggiornabile sostituendo la piastra porta-componenti. Il gruppo ottico si sostituisce agendo sulle viti poste sulla parte superiore del prodotto e svincolando il coperchio sul quale sono fissati i moduli Led.

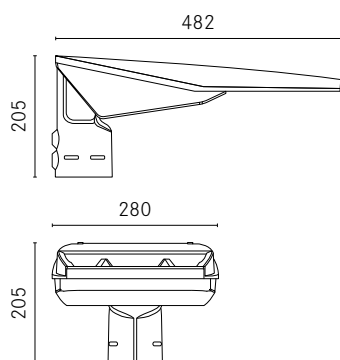


Maintenance

Simple and rapid substitution of the optical unit and the power unit. The power unit can be accessed by removing the two screws on the upper part of the product and can be updated by substituting the wiring compartment. The optical unit can be substituted by removing the screws on the top of the item and detaching the cover on which the LED modules are fitted.

Wartung

Einfache und schnelle Auswechselbarkeit der Optik- und Stromversorgungseinheit. Die Stromversorgungseinheit ist durch Lösen der zwei Schrauben am oberen Teil des Produkts zugänglich und ihre Verkabelungsplatte kann ausgewechselt werden. Die Optikeinheit kann ausgewechselt werden, indem die Schrauben am oberen Teil des Produkts gelöst werden und der Deckel, an dem die LED-Module befestigt sind, befreit wird.

Kairos brackets and poles


Max weight: 6.5kg

Max exposed surface: 0.13m²

Lateral exposed surface: 0.036m²

Kairos
01KR1

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

3860lm 25W

B2

5110lm 33W

B6

7645lm 49.5W

C4

11245lm 74W

D6

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

3485lm 25W

B2

4610lm 33W

B6

6900lm 49.5W

C4

10145lm 74W

D6

mA

700 525 350

0

K

4000

0

3000

9

Optics

LT-W

1

LT-L

6

Colors

RAL9006

A

Smart Lighting

Preset virtual midnight

HM3

 Esempio *Example* Beispiel

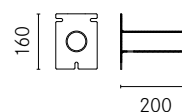
01KR1	B2	0	0	1	A	HM3
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Accessori Accessories Zubehör
06GN902C0

Piastra a muro 90°

90° Wall plate

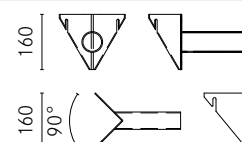
90° Wandplatte


06GN901C0

Piastra angolare 90°

90° Corner plate

90° Eckplatte


 Verifica compatibilità con pali e bracci. *Check compatibility with poles and arms.* Überprüfen Sie die Kompatibilität mit Masten und Armen. P. 316



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