



#### **Description**

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter in thermally separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation.

Variant with 2200 K or as 'Wild-Light' 2200 K combined with 3000 K with Eco Step Dim® Advanced or Motion available on request, must be specified at time of ordering. For further details and available variants see below under additional information - Wild-Light Presentation.

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Spigot  $\emptyset$  60 x 80 mm optional available. Must be indicated during order placement.

Photometric files (IES, LDT) for light distributions [S60]

Weight	8.20 kg	
Light distribution	asymmetric, side throw beam [S60]	
Light source	LED-36/36W / 350 mA - 4000 K	
CRI	80	
Power supply	EC	
LEDs	36	
Rated input power	39 W	
Nominal Lumen (lm)		
LED Lumen	170	
Total Lumen	6120	
_Tj	85	
Rated lumens (lm)		
LED Lumen	159.6	
Total Lumen	5744.6	
Та	25	

#### **WE-EF LEUCHTEN GmbH**

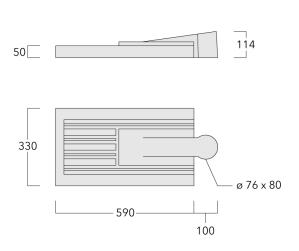
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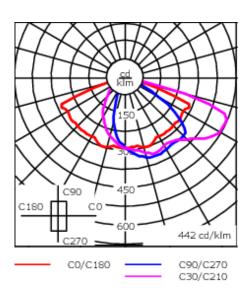


#### VFL540 LED

[S65] [S70] [R65] [P65] [A60] with Backlight Shield on request.







### **Specifications Material description**

Body Marine-grade, die-cast aluminium alloy Lens RFC® Reflection Free Contour technology

Colours

RAL9004 Signal black RAL9006 White aluminium RAL9007 Grey aluminium RAL7016 Anthracite grey RAL9016 Traffic white

Gasket Silicone CCG® Controlled Compression Gasket **Fasteners** PCS Polymer Coated Stainless Steel Hardware

Ingress protection IP66 **IK08** Impact resistance Corrosion resistance 5CE

0.146 m<sup>2</sup> Windage

#### **Electrical description**

220-240V / 50-60 Hz Power supply

Driver / Ballast Integral EC electronic converter. DALI

Power factor > 0.9

Surge protection 6/6 kV (optional SP10)

#### **WE-EF LEUCHTEN GmbH**

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### **Additional information**

Lifetime Ta=25° L90B10 > 90000h



### **Control**

# **Eco Step Dim® Basic**

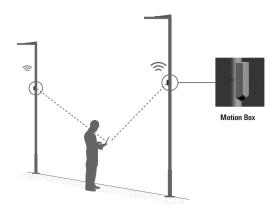
Description	Part ID
Eco Step Dim® Basic LED	430-0001

# **Eco Step Dim® Advanced**

Description	Part ID
Eco Step Dim® Advanced LED	430-0002

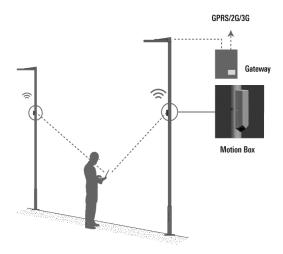
# **Eco Step Dim® Motion**

Description	Part ID
Eco Step Dim® Motion - Linked	430-0021





Description	Part ID
Eco Step Dim® Motion - Connected	430-0022



### **R2C** Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019
R2C Ready to Connect (below)	430-0027
R2C Ready to Connect (top and below)	430-0032

### Wild-Light Eco Step Dim® Advanced

Description	Part ID	Additional information
Wild-Light Eco Step Dim <sup>®</sup> Advanced	430-0034	Fully automatic independent dimming pre-set, without additional installation effort, Example: Starting the night with warm white (3000 K from 20:00 to 22:00), reduced to biodiversity friendly in the heart of the night (2200 K from 22:00 to 06:00), and returning back to warm white in the early morning (3000 K from 06:00 to 07:00). This is the easiest to implement solution to create a nature-friendly lighting scenario, as no additional installations or external controls are needed. All pre-settings are made in the two LED drivers. The dimming values are programmed into the driver during the production of the luminaires. An optional link with sunrise and sunset times can mean additional optimisation. A customer-specific configuration is possible.  The settings can be changed directly on the LED driver at any time (NFC). The necessary tool is standardised and can also be obtained from WE-EF as an optional extra.
Wild-Light Motion	430-0035	



# **Citygrid Motion On Pole**

Description	Part ID	Additional information
Citygrid Motion - Entry-Package	420-0011	Citygrid Motion. Das All-in-One Gerät, das vorhandene Leuchten in ein intelligentes Lichtsystem verwandeln kann.
		Einstiegs-Paket WE-EF liefert und konfiguriert Leuchten und Citygrid System einmalig ab Werk bzw. am Einsatzort. Neukonfiguration als Service abrufbar (kostenpflichtig). Gateway/App nicht inbegriffen.
		Anwendungen: Kommunale Einzelprojekte, Insellösungen und Feldversuche für Smart Lighting, z.B. einzelne Straßen, Wege oder Plätze. Halböffentliche oder private Projekte, z.B. Firmengelände, Parkplatz.





Description	Part ID	Additional information
Citygrid Motion - Standalone-Package	420-0012	Citygrid Motion On Pole Controller. The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.
		The standalone package: Dongle & apps included; operators can configure, change and service the Citygrid system themselves (on site) using the apps on their mobile device. Applications: demarcated communal projects (street, square, district) or private projects (larger company sites, commercial estates) if qualified personnel are available for the operation of the system.





Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0013	Citygrid Motion On Pole Controller The Citygrid Motin On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.
		The Smart-City package: Internet gateway (via mobile phone) and dashboard included; operators can configure, change and service themselves (remotely). Networked Smart-City functions (data collection, remote maintenance, etc.).  Applications: larger communal projects or field trials in the context of Smart City; operator has qualified personnel (municipal utilities).





# **Citygrid Motion On Luminaire**

Description	Part ID	Additional information
Citygrid Motion - Entry-Package	420-0021	Citygrid On Luminaire - Entry PackageCitygrid On Luminaire. Die Sensoren erkennen Bewegung und Verkehr beim Betreten des Sensor und Leuchtenfelds.
		Einstiegs-Paket
		WE-EF liefert und konfiguriert Leuchten und Citygrid System einmalig ab Werk bzw. am Einsatzort. Neukonfiguration als Service abrufbar (kostenpflichtig). Gateway/App nicht inbegriffen.
		Anwendungen: Kommunale Einzelprojekte, Insellösungen und Feldversuche für Smart Lighting, z.B. einzelne Straßen, Wege oder Plätze. Halböffentliche oder private Projekte, z.B. Firmengelände, Parkplatz.Citygrid built-in light controller with angled sensors The sensors detect motion and traffic on entering the sensor and lighting field.
		The entry-level package:
		WE-EF supplies and configures luminaires and the Citygrid system once ex works or on site. Reconfiguration is available as a service (chargeable). Gateway/app not included.
		Applications: individual communal projects, isolated solutions and field trials for smart lighting, e.g. single streets, paths or squares. Semi-public or private projects, e.g. company site, car park.



Description	Part ID	Additional information
Citygrid Motion - Standalone-Package	420-0022	Citygrid Motion built-in light controller with angled sensors  The sensors detect motion and traffic on entering the sensor and lighting field.
		The standalone package:  Dongle & apps included; operators can configure, change and service the Citygrid system themselves (on site) using the apps on their mobile device.  Applications: demarcated communal projects (street, square, district) or private projects (larger company sites, commercial estates) if qualified personnel are available for the operation of the system.





Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0023	Citygrid Motion built-in light controller with angled sensors The sensors detect motion and traffic on entering the sensor and lighting field.  The Smart-City package: Internet gateway (via mobile phone) and dashboard included; operators can configure, change and service themselves (remotely). Networked Smart-City functions (data collection, remote maintenance, etc.).  Applications: larger communal projects or field trials in the context of Smart City; operator
		has qualified personnel (municipal utilities).





# **Citygrid Motion Zhaga**

Description	Part ID	Additional information
Citygrid Motion - Standalone-Package	420-0032	Citygrid Motion Zhaga controller with sensor.  The compact all-in-one design turns every luminaire with a Zhaga Book 18 socket facing the street surface into motion-controlled, intelligent street & area lighting.
		The standalone package: Dongle & apps included; operators can configure, change and service the Citygrid system themselves (on site) using the apps on their mobile device.  Applications: demarcated communal projects (street, square, district) or private projects (larger company sites, commercial estates) if qualified personnel are available for the operation of the system.



Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0033	Citygrid Motion Zhaga controller with sensor. The compact all-in-one design turns every luminaire with a Zhaga Book 18 socket facing the street surface into motion-controlled, intelligent street & area lighting.
		The Smart-City package: Internet gateway (via mobile phone) and dashboard included; operators can configure, change and service themselves (remotely). Networked Smart-City functions (data collection, remote maintenance, etc.).  Applications: larger communal projects or field trials in the context of Smart City; operator has qualified personnel (municipal utilities).





# Wild-Light Citygrid Motion On Pole

Description	Part ID	Additional information
Wild-Light Citygrid Motion - Entry- Package	420-1111	Citygrid Motion On Pole Controller. The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.
		The entry-level package: WE-EF supplies and configures luminaires and the Citygrid system once ex works or on site. Reconfiguration is available as a service (chargeable). Gateway/app not included.
		Applications: individual communal projects, isolated solutions and field trials for smart lighting, e.g. single streets, paths or squares. Semi-public or private projects, e.g. company site, car park.





Description	Part ID	Additional information
Wild-Light Citygrid Motion - Standalone-Package	420-1112	Citygrid Motion On Pole Controller for Wild-Light. The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.
		The standalone package: Dongle & apps included; operators can configure, change and service the Citygrid system themselves (on site) using the apps on their mobile device. Applications: demarcated communal projects (street, square, district) or private projects (larger company sites, commercial estates) if qualified personnel are available for the operation of the system.





Description	Part ID	Additional information
Wild-Light Citygrid Motion - Smart- City-Package	420-1113	Citygrid Motion On Pole Controller for Wild-Light. The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.
		The Smart-City package: Internet gateway (via mobile phone) and dashboard included; operators can configure, change and service themselves (remotely). Networked Smart-City functions (data collection, remote maintenance, etc.).  Applications: larger communal projects or field trials in the context of Smart City; operator has qualified personnel (municipal utilities).

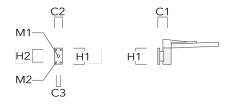




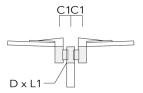
# **Mounting Accessories**

# Wall and pole brackets RV

Description	Part ID	Addition(a1 information	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight C (kg)		D	H
RVO Wall bracket	108-0979	RV0 108 Wall bracket	100	60			200	160	38	12	2.00 1	80		

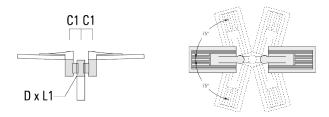


RV2-76 Pole bracket, double	108-0980	147	76 x	4.80 147 76 200
			100	

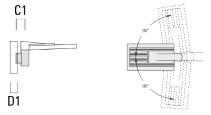




Description	Part ID	Addition <b>al</b> information	C2	C3	D1	D × L1	H1	H2	M1	M2	Weigh (kg)	t C	D	Н
RV2-60 Pole bracket, double	108-0981	147				60 x 100					4.80	147	60	200



RV5 Pole bracket	108-0982	108	76-240	170 106 200

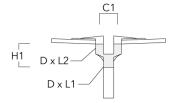






# Post top fitter AKV

Description	Part ID	C1	D × L1	D × L2	H1	Weight (kg)
AKV2-76	300-0053	180	76x100	76x80	235	1.50





# **Optical Accessories**

# Light shield

Description	Part ID	Additional information
LS180-[A60]	430-0038	Light shield LS180 to greatly reduce or eliminate light pollution. PA injection moulded component, black matt. Suitable for asymmetric light distribution [A60].
LS180	430-0029	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering.