



Zephyr & Zodiac

High quality LED lanterns



The new **Zephyr** and **Zodiac** LED lanterns have been designed to replace traditional HID luminaires. The two ranges are made of high quality die-cast aluminium housing and robust build and protection with IK09 and IP66 ratings, offering a perfect solution for amenity including car parks and perimeter lighting.

Zephyr comes in two sizes (small and large) and a range of lumen packages

(3,300, 5,500 or 8,800lm), delivering up to 110lm/W. The range offers photocell versions on large model, which allows for operation during dusk to dawn.

Zodiac comes in three sizes (small, medium and large) and a range of lumen packages (6,600, 8,800, 13,000 or 22,000lm), delivering up to 110lm/W. The range offers photocell versions, which allows for operation during dusk to dawn.

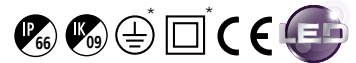
Zephyr High quality LED lanterns

FEATURES:

- Zephyr LED lantern replaces traditional HID fixtures
- Perfect for amenity including car parks and perimeter lighting
- Two size options: small or large
- Range of lumen packages available: 3,300, 5,500 and 8,800lm
- Efficacy up to 110lm/W
- High quality die-cast aluminium housing
- Neutral white (4,000K) colour temperature
- Photocell option available on Large version, which allows for operation during dusk to dawn
- Robust build and protection: IK09 and IP66
- Available in Grey RAL 9022 colour finish
- Colour rendering index: Ra 70+
- Supplied with 8 metres (H05RN-F) mains supply cable
- Zephyr Small fits onto 48mm side entry spigot, Zephyr Large fits onto 60mm side entry spigot
- Recommended for mounting heights of 4-8 metres
- Long lifetime of 50,000 hours at L70 B50



Photocell option

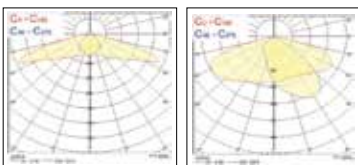


* see ordering guide

Item Code	Description	Colour Temperature (K)	Voltage (V)	Electrical Class	Photocell	System Power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Weight (kg)
Small									
0049390	ZEPHYR SML LANT 3300LM 4K 1M CLI GREY	4,000	230 - 240	Class I	No	30	3,300	110	1.43
0049391	ZEPHYR SML LANT 3300LM 4K 1M CLII GREY	4,000	230 - 240	Class II	No	30	3,300	110	1.43
Large									
0049392	ZEPHYR LRG LANT 5500LM 4K 2S CLI GREY	4,000	230 - 240	Class I	No	50	5,500	110	2.85
0049394	ZEPHYR LRG LANT 5500LM 4K 2S CLII GREY	4,000	230 - 240	Class II	No	50	5,500	110	2.85
0049396	ZEPHYR LRG LANT 8800LM 4K 2S CLI GREY	4,000	230 - 240	Class I	No	80	8,800	110	2.85
0049398	ZEPHYR LRG LANT 8800LM 4K 2S CLII GREY	4,000	230 - 240	Class II	No	80	8,800	110	2.85
Large - Photocell									
0049393	ZEPHYR LRG LANT 5500LM 4K 2S CLI GREY PH	4,000	230 - 240	Class I	Yes	50	5,500	110	2.85
0049395	ZEPHYR LRG LANT 5500LM 4K 2S CLII GREY PH	4,000	230 - 240	Class II	Yes	50	5,500	110	2.85
0049397	ZEPHYR LRG LANT 8800LM 4K 2S CLI GREY PH	4,000	230 - 240	Class I	Yes	80	8,800	110	2.85
0049399	ZEPHYR LRG LANT 8800LM 4K 2S CLII GREY PH	4,000	230 - 240	Class II	Yes	80	8,800	110	2.85

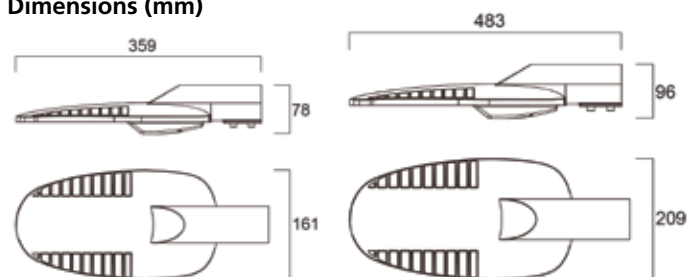
Legend: SML = Small; LRG = Large; 4K = 4,000K Neutral White; 1M = Optic Type 1 Medium; 2S = Optic Type 2 Short; GREY = Grey; PH = Photocell

Photometric data



Small - Optic Type 1M Large - Optic Type 2S

Dimensions (mm)



Small

Large

Zodiac

High quality LED lanterns

FEATURES:

- Zodiac LED lantern replaces traditional HID fixtures
- Perfect for amenity including car parks and perimeter lighting
- Three size options: small, medium or large
- Range of lumen packages available: 6,600, 8,800, 13,000 and 22,000lm
- Efficacy up to 110lm/W
- High quality die-cast aluminium housing
- Neutral white (4,000K) colour temperature
- Photocell option available, which allows for operation during dusk to dawn
- Robust build and protection: IK09 and IP66
- Available in Grey RAL 9022 colour finish
- Colour rendering index: Ra 70+
- Supplied with a length of (H05RN-F) mains supply cable
- Zodiac Small fits onto 60mm side entry spigot
- Zodiac Medium and Large has adjustable mounting bracket that allows for use on either 60mm side entry or 60mm post top spigot
- Recommended for mounting heights of 6-12 metres
- Long lifetime of 50,000 hours at L70 B50



Photocell option



* see ordering guide

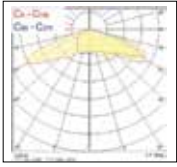
Item Code	Description	Colour Temperature (K)	Voltage (V)	Electrical Class	Photocell	System Power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Weight (kg)
Small									
0049910	ZODIAC SML LANT 6.6KLM 4K T4 CLI GREY	4,000	230 - 240	Class I	No	60	6,600	110	6.10
0049912	ZODIAC SML LANT 6.6KLM 4K T4 CLII GREY	4,000	230 - 240	Class II	No	60	6,600	110	6.10
Small - Photocell									
0049911	ZODIAC SML LANT 6.6KLM 4K T4 CLI GREY PH	4,000	230 - 240	Class I	Yes	60	6,600	110	6.10
0049913	ZODIAC SML LANT 6.6KLM 4K T4 CLII GREY PH	4,000	230 - 240	Class II	Yes	60	6,600	110	6.10
Medium									
0049914	ZODIAC MED LANT 8.8KLM 4K T4 CLI GREY	4,000	230 - 240	Class I	No	80	8,800	110	10.00
0049916	ZODIAC MED LANT 8.8KLM 4K T4 CLII GREY	4,000	230 - 240	Class II	No	80	8,800	110	10.00
0049918	ZODIAC MED LANT 13KLM 4K T4 CLI GREY	4,000	230 - 240	Class I	No	120	13,000	108	10.00
0049920	ZODIAC MED LANT 13KLM 4K T4 CLII GREY	4,000	230 - 240	Class II	No	120	13,000	108	10.00
Medium - Photocell									
0049915	ZODIAC MED LANT 8.8KLM 4K T4 CLI GREY PH	4,000	230 - 240	Class I	Yes	80	8,800	110	10.00
0049917	ZODIAC MED LANT 8.8KLM 4K T4 CLII GREY PH	4,000	230 - 240	Class II	Yes	80	8,800	110	10.00
0049919	ZODIAC MED LANT 13KLM 4K T4 CLI GREY PH	4,000	230 - 240	Class I	Yes	120	13,000	108	10.00
0049921	ZODIAC MED LANT 13KLM 4K T4 CLII GREY PH	4,000	230 - 240	Class II	Yes	120	13,000	108	10.00
Large									
0049922	ZODIAC LRG LANT 22KLM 4K T4 CLI GREY	4,000	230 - 240	Class I	No	200	22,000	110	13.00
0049924	ZODIAC LRG LANT 22KLM 4K T4 CLII GREY	4,000	230 - 240	Class II	No	200	22,000	110	13.00
Large - Photocell									
0049923	ZODIAC LRG LANT 22KLM 4K T4 CLI GREY PH	4,000	230 - 240	Class I	Yes	200	22,000	110	13.00
0049925	ZODIAC LRG LANT 22KLM 4K T4 CLII GREY PH	4,000	230 - 240	Class II	Yes	200	22,000	110	13.00

Legend: SML = Small; MED = Medium; LRG = Large; 4K = 4,000K Neutral White; T4 = Optic Type 4; GREY = Grey; PH = Photocell

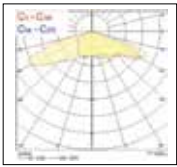
Zodiac LED lantern

High quality LED lanterns

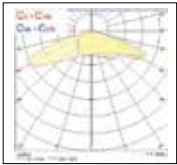
Photometric data



Small

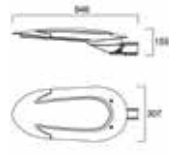


Medium

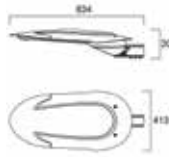


Large

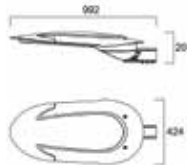
Dimensions (mm)



Small



Medium



Large



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Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania Europe Limited.

by **FEILO SYLVANIA**

PRODUCT INFORMATION

Product code	60730
Product description	ZD216 Street Light 10W
EAN code	5999097607306
Category	Streetlight

PHOTOMETRIC DATA

Nominal luminous flux	1100
Rated luminous flux	1100 lm
Correlated colour temperature	4000K
Colour temperature designation	neutral white
Colour rendering index (Ra)	70
Colour consistency	7

LIFE SPAN

Nominal life time	50000 hrs
Rated life time	50000 hrs
Number of switching cycles	25000

ELECTRICAL DATA

Nominal wattage	10 W
Rated wattage	10.0 W
Nominal voltage	220-240V
Operating frequency	50/60 Hz
Nominal current	0,05 A
Power factor	0.9

MECHANICAL DATA

Overall length	359 mm
Overall width	161 mm
Overall height	78 mm
Weight	1,4 kg

Optimum operating ambient temperature	-25-45°C
Dimming	Non-dimmable
Surge protection	4kV
IP rating	IP66
IK rating	IK09



PRODUCT INFORMATION

Product code	60731
Product description	ZD216 Street Light 20W
EAN code	5999097607313
Category	Streetlight

PHOTOMETRIC DATA

Nominal luminous flux	2200 lm
Rated luminous flux	2200 lm
Correlated colour temperature	4000K
Colour temperature designation	neutral white
Colour rendering index (Ra)	70
Colour consistency	7

LIFE SPAN

Nominal life time	50000 hrs
Rated life time	50000 hrs
Number of switching cycles	25000

ELECTRICAL DATA

Nominal wattage	20 W
Rated wattage	20.0 W
Nominal voltage	220-240V
Operating frequency	50/60 Hz
Nominal current	0,09 A
Power factor	0.9

MECHANICAL DATA

Overall length	359 mm
Overall width	161 mm
Overall height	78 mm
Weight	1,4 kg

Optimum operating ambient temperature	-25-45°C
Dimming	Non-dimmable
Surge protection	4kV
IP rating	IP66
IK rating	IK09



PRODUCT INFORMATION

Product code	60732
Product description	ZD216 Street Light 30W
EAN code	5999097607320
Category	Streetlight

PHOTOMETRIC DATA

Nominal luminous flux	3300 lm
Rated luminous flux	3300 lm
Correlated colour temperature	4000K
Colour temperature designation	neutral white
Colour rendering index (Ra)	70
Colour consistency	7

LIFE SPAN

Nominal life time	50000 hrs
Rated life time	50000 hrs
Number of switching cycles	25000

ELECTRICAL DATA

Nominal wattage	30W
Rated wattage	30.0 W
Nominal voltage	220-240V
Operating frequency	50/60 Hz
Nominal current	0,14 A
Power factor	0.9

MECHANICAL DATA

Overall length	359 mm
Overall width	161 mm
Overall height	78 mm
Weight	1,4 kg

Optimum operating ambient temperature	-20~40
Dimming	Non-dimmable
Surge protection	4kV
IP rating	IP66
IK rating	IK09



PRODUCT INFORMATION

Product code	60733
Product description	ZD216 10W 4000K Street
EAN code	5999097607337
Category	Streetlight

PHOTOMETRIC DATA

Nominal luminous flux	1100 lm
Rated luminous flux	1100 lm
Correlated colour temperature	4000K
Colour temperature designation	neutral white
Colour rendering index (Ra)	70
Colour consistency	7

LIFE SPAN

Nominal life time	50000 hrs
Rated life time	50000 hrs
Number of switching cycles	25000

ELECTRICAL DATA

Nominal wattage	10W
Rated wattage	10.0 W
Nominal voltage	220-240V
Operating frequency	50/60 Hz
Nominal current	0,05 A
Power factor	0.9

MECHANICAL DATA

Overall length	359 mm
Overall width	161 mm
Overall height	78 mm
Weight	1,4 kg

Optimum operating ambient temperature	-20~40
Dimming	Non-dimmable
Surge protection	4kV
IP rating	IP66
IK rating	IK09



PRODUCT INFORMATION

Product code	60734
Product description	ZD216 20W 4000K Street
EAN code	5999097607344
Category	Streetlight

PHOTOMETRIC DATA

Nominal luminous flux	2200 lm
Rated luminous flux	2200 lm
Correlated colour temperature	4000K
Colour temperature designation	neutral white
Colour rendering index (Ra)	70
Colour consistency	7

LIFE SPAN

Nominal life time	50000 hrs
Rated life time	50000 hrs
Number of switching cycles	25000

ELECTRICAL DATA

Nominal wattage	20W
Rated wattage	20.0 W
Nominal voltage	220-240V
Operating frequency	50/60 Hz
Nominal current	0,09 A
Power factor	0.9

MECHANICAL DATA

Overall length	359 mm
Overall width	161 mm
Overall height	78 mm
Weight	1,4 kg

Optimum operating ambient temperature	-25-45°C
Dimming	Non-dimmable
Surge protection	4kV
IP rating	IP66
IK rating	IK09



PRODUCT INFORMATION

Product code	60735
Product description	ZD216 30W 4000K Street
EAN code	5999097607351
Category	Streetlight

PHOTOMETRIC DATA

Nominal luminous flux	3300 lm
Rated luminous flux	3300 lm
Correlated colour temperature	4000K
Colour temperature designation	neutral white
Colour rendering index (Ra)	70
Colour consistency	7

LIFE SPAN

Nominal life time	50000 hrs
Rated life time	50000 hrs
Number of switching cycles	25000

ELECTRICAL DATA

Nominal wattage	30W
Rated wattage	30.0 W
Nominal voltage	220-240V
Operating frequency	50/60 Hz
Nominal current	0,14 A
Power factor	0.9

MECHANICAL DATA

Overall length	359 mm
Overall width	161 mm
Overall height	78 mm
Weight	1,4 kg

Optimum operating ambient temperature	-25-45°C
Dimming	Non-dimmable
Surge protection	4kV
IP rating	IP66
IK rating	IK09



PRODUCT INFORMATION

Product code	60744
Product description	ZD216 50W 4000K Street
EAN code	5999097607443
Category	Streetlight

PHOTOMETRIC DATA

Nominal luminous flux	6000 lm
Rated luminous flux	6000 lm
Correlated colour temperature	4000K
Colour temperature designation	neutral white
Colour rendering index (Ra)	70
Colour consistency	7

LIFE SPAN

Nominal life time	50000 hrs
Rated life time	50000 hrs
Number of switching cycles	25000

ELECTRICAL DATA

Nominal wattage	50W
Rated wattage	50.0W
Nominal voltage	220-240V
Operating frequency	50/60 Hz
Nominal current	0,22 A
Power factor	0.95

MECHANICAL DATA

Overall length	483 mm
Overall width	209 mm
Overall height	96 mm
Weight	2,8 kg

Optimum operating ambient temperature	-20~40
Dimming	Non-dimmable
Surge protection	6kV
IP rating	IP66
IK rating	IK09



PRODUCT INFORMATION

Product code	60745
Product description	ZD216 80W 4000K Street
EAN code	5999097607450
Category	Streetlight

PHOTOMETRIC DATA

Nominal luminous flux	9600 lm
Rated luminous flux	9600 lm
Correlated colour temperature	4000K
Colour temperature designation	neutral white
Colour rendering index (Ra)	70
Colour consistency	7

LIFE SPAN

Nominal life time	50000 hrs
Rated life time	50000 hrs
Number of switching cycles	25000

ELECTRICAL DATA

Nominal wattage	80W
Rated wattage	80.0W
Nominal voltage	220-240V
Operating frequency	50/60 Hz
Nominal current	0,34 A
Power factor	0.95

MECHANICAL DATA

Overall length	483 mm
Overall width	209 mm
Overall height	96 mm
Weight	2,8 kg

Optimum operating ambient temperature	-20~40
Dimming	Non-dimmable
Surge protection	6kV
IP rating	IP66
IK rating	IK09



PRODUCT INFORMATION

Product code	60749
Product description	ZD216 80W 4000K Street
EAN code	5999097607498
Category	Streetlight

PHOTOMETRIC DATA

Nominal luminous flux	9600 lm
Rated luminous flux	9600 lm
Correlated colour temperature	4000K
Colour temperature designation	neutral white
Colour rendering index (Ra)	70
Colour consistency	7

LIFE SPAN

Nominal life time	50000 hrs
Rated life time	50000 hrs
Number of switching cycles	25000

ELECTRICAL DATA

Nominal wattage	80W
Rated wattage	80.0W
Nominal voltage	220-240V
Operating frequency	50/60 Hz
Nominal current	0,34 A
Power factor	0.95

MECHANICAL DATA

Overall length	483 mm
Overall width	209 mm
Overall height	96 mm
Weight	2,8 kg

Optimum operating ambient temperature	-20~40
Dimming	Non-dimmable
Surge protection	6kV
IP rating	IP66
IK rating	IK09

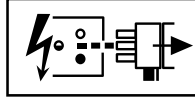


200-240 V~
50/60 Hz



IP66

IK09



		PF		
ZD216 20W Street Light	20	>0.90	0.09	1.4
ZD216 30W Street Light	30	>0.90	0.14	1.4
ZD216 50W Street Light	50	>0.95	0.22	2.8
ZD216 80W Street Light	80	>0.95	0.36	2.8

	L (mm)	H ₁ (mm)	W (mm)	Ø (mm)	H ₂ (m)
20	359	161	79	40	4-6
30	359	161	79	40	4-6
50	483	209	96	60	6-8
80	483	209	96	60	6-8

1

Blue Синьо Modrý Blau Sinine Plava Kék Mėlynas Zils Niebieski Albastru Modra Modrý
N Plava Синий Mavi

Green/Yellow Зелено/Жълто Zelený/Žlutý Grün/Gelb Roheline/Kollane Zelena/Žuta
Zöld/Sárga Žalias/Geltonas Zaš/Dzeltens Zielony/Żółty Verde/Galben
Zelena/Rumena Zelený/Žltý Zelena/Žuta Зелёный/Желтый Yeşil/Sarı

L Brown Кафяво Hnědý Braun Pruun Smeđa Barna Rudas Brūns Brązowy Maron Rjava
Hnedý Smeđa Коричневый Kahverengi

2

3

10Nm
x2
6

ENGLISH

The installation shall be carried out by an authorised electrical contractor.
Always shut off power to the circuit before starting installation work.
Please see technical data sheet for electrical properties to ensure safe installation.

БЪЛГАРСКИ

Монтажът трябва да се извърши единствено от оторизиран електротехник.
Винаги изключвайте електрозахранването във веригата, преди да извършвате работа по инсталацията.
Вижте листа с технически данни за електрическите характеристики, за да се гарантира безопасно монтиране

ČESKY

Instalace musí být provedena kvalifikovaným elektrikářem.
Před instalací vypojit z proudu.
Pro zajištění bezpečné montáže zkontrolujte elektrické vlastnosti v listu technických údajů.

DEUTSCH

Die Installation sollte von einem qualifizierten Elektriker durchgeführt werden.
Vor der Installation den Strom abschalten.
Bitte lesen Sie die elektrischen Eigenschaften im technischen Datenblatt nach, um einen korrekten Einbau sicherzustellen.

EESTI

Paigaldama peab litsentseeritud elektrik.
Enne paigaldustööd lülitage alati vool välja.
Ohutu paigaldamise tagamiseks tutvuge tehniliste andmete lehel toodud elektriandmetega.

HRVATSKI

Instalaciju mora obaviti ovlašteni električar.
Uvijek isključite struju prije instalacije.
Kako biste osigurali sigurnu instalaciju, električna svojstva potražite u listu s tehničkim podacima.

MAGYAR

A szerelést csak szakember végezheti.
Mindig kapcsolja le a teljes áramkört, mielőtt elkezdené a szerelést.
A biztonságos szerelés érdekében tekintse meg az elektromos jellemzőket a műszaki adatlapon.

LATVIEŠU

Elektroinstalācijas darbi jāveic kvalificētam elektriķim.
Pirms montāžas darbu uzsākšanas vienmēr atvienojiet galveno strāvas padevi.
Drošas uzstādīšanas nolūkos, lūdzu, skatiet elektrības datus tehnisko datu lapā.

LIETUVIŲ

Instaliacijos darbus gali atlikti tik leidimą tam turintis elektrikas.
Prieš pradėdami elektros instaliacijos darbus, visada išjunkite elektros energiją.
Siekdami užtikrinti saugų sumontavimą, elektros parametrus žr. techninių duomenų lapę.

POLSKI

Montaż w łazience powinien przeprowadzić uprawniony elektryk.
Zawsze wyłączaj prąd w obwodzie przed przystąpieniem do prac instalacyjnych.
Aby zapewnić bezpieczeństwo instalacji, zapoznać się z informacjami dotyczącymi własności elektrycznych podanymi w arkuszu danych technicznych.

ROMÂNĂ

Instalarea trebuie efectuată de un instalator autorizat.
Opriți întotdeauna alimentarea cu curent electric înainte de a începe lucrările de instalare.
Pentru a asigura instalarea în siguranță, consultați fișa tehnică cu proprietățile electrice.

SLOVENŠČINA

Namestitev naj opravi kvalificiran električar.
Pred začetkom dela vedno izklopite električno napajanje.
Za varno namestitev preverite električne lastnosti na listu s tehničnimi podatki.

SLOVENSKY

Inštalácia musí byť prevedená kvalifikovaným elektrikárom.
Pred inštaláciou odpojte z prúdu.
V záujme bezpečnej inštalácie si preštudujte vlastnosti elektrického rozvodu v technickom údajovom hárku.

SRPSKI

Instaliranje treba da obavi ovlašćena kvalifikovana osoba.
Uvek isključite struju pre nego što počnete s instaliranjem.
Električna svojstva potražite u listu sa tehničkim podacima kako biste ispravno montirali proizvod.

РУССКИЙ

Установку должен производить квалифицированный электрик.
Перед установкой всегда отключайте электропитание.
Обязательно ознакомьтесь с инструкцией для безопасной установки и подключения.

TÜRKÇE

Kurulum işlemi sadece yetkili bir elektrik tesisatçısı tarafından yapılmalıdır.
Kurulumu başlamadan önce her zaman elektrik devresini kapatınız.
Güvenli kurulum sağlamak için lütfen elektrik özellikleri için teknik bilgi sayfasına bakınız.