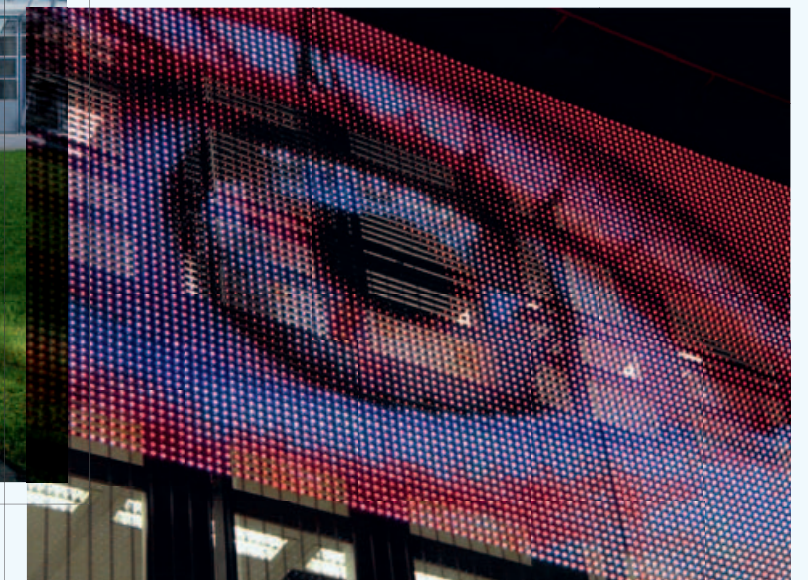


OSRAM outdoor lighting.



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SEE THE WORLD IN A NEW LIGHT

OSRAM



Photo: Alexandre Zveiger

There is so much more to outdoor lighting nowadays than its purely functional aspects. It makes our streets safer, contributes to the character of our cities, helps people find their way about, provides accent lighting and is an integral part of the visual attraction of modern architecture – our buildings, squares, roads and green spaces. Solutions from OSRAM combine technical precision, impressive efficiency and brilliant quality of light with elegant product design. Benefit from our expertise in integrating both classic and state-of-the-art lighting technologies (such as LED lighting) into professional lighting systems. Potential energy savings are huge, and you can tailor every project to your individual requirements. Create the light of tomorrow, together with OSRAM.



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Siteco – a powerful addition.



Luminaires and lighting systems now account for more than two-thirds of the worldwide lighting market. With the successful acquisition of Siteco Beleuchtungstechnik GmbH, OSRAM AG has enhanced its reputation as a supplier of lighting solutions by adding an extensive range of modern products to its portfolio of indoor and outdoor luminaires. Siteco offers professional lighting applications for the commercial and public sectors, including urban infrastructures such as buildings, streets, tunnels, airports and sports stadiums. Siteco was involved, for example, in illuminating the Allianz Arena in Munich, the Barajas airport in Madrid and the Taipeh Tower in Taiwan.

The merger of Siteco and OSRAM – and the combination of expertise that came with it – has strengthened the company's position on the worldwide market for innovative lighting technology – for example with LED-based lighting systems, versatile control gear and advanced light management systems, as well as classic energy-saving lamps and complete luminaires. The Siteco portfolio is also a strong addition to the skill set of the existing OSRAM joint venture Traxon, which is active in a number of fields including the shop, architectural, entertainment and hospitality lighting sectors. OSRAM is also benefiting in terms of developing new products from Siteco's vast experience in cooperating with electricians, architects, lighting designers and end customers.



For more information about innovative Siteco lighting solutions, go to www.siteco.com where you can download Siteco catalogs or order online.



siteco
AN OSRAM BUSINESS





Decorative & Park Lighting



“We need to strike a balance between aesthetics and efficiency.”

It is the link between design and function that plays such an important role in lighting for public places such as parks, streets and city squares. OSRAM's ever-growing range of luminaires provides the perfect basis for creative lighting design, whether for complete cityscapes or for installations in the private sector. The luminaires are equipped with efficient technology to achieve maximum economy and reliability, even in tough weather conditions. Ease of maintenance, extremely robust materials and excellent workmanship add up to long life, products that retain their value and the high quality that OSRAM customers have come to expect.



ASTETICO®. A universal luminaire design for a wide range of lighting tasks.

ASTETICO®. A PROFESSIONAL SYSTEM SOLUTION FOR A WIDE RANGE OF APPLICATIONS.

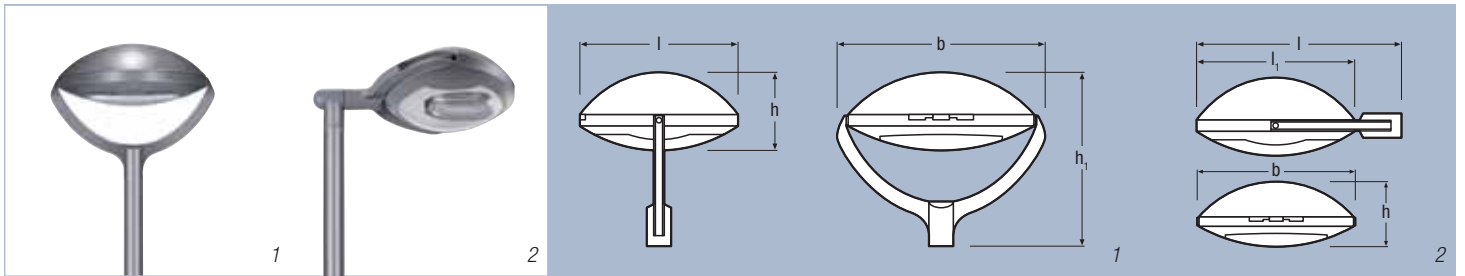
This family of products is characterized by its versatility. The adjustable bracket makes these luminaires suitable for both post-top and side-entry mounting. The two different reflectors create different light distribution patterns for street lighting or for floodlighting. This means that a wide range of applications can be covered with just one luminaire design, such as street lighting in compliance with relevant standards or the highlighting of architectural features in city centers.

FEATURES AND BENEFITS:

CE    IP66 IK10 220–240 V 50–60 Hz

- Decorative system luminaire made from die-cast aluminum with a UV-stable polycarbonate diffuser
- Can be opened by loosening a single screw for easier installation and maintenance
- Opening the casing disconnects the power
- Corrosion-resistant powder coating
- 2 asymmetrical light patterns:
 - 1) Longitudinal for street lighting from a die-cut, anodized aluminum reflector
 - 2) Transversal for floodlighting/spotlighting from a high-purity aluminum reflector
- Wattages: 70/100/150/250W, each with or without the option for power reduction (NAV2 types)
- Colors: forge-gray, others on request
- For mounting on 60/100 mm spigot
- Accessories: 90° couplings (single and double)
- Matching aluminum masts (4 m) on request



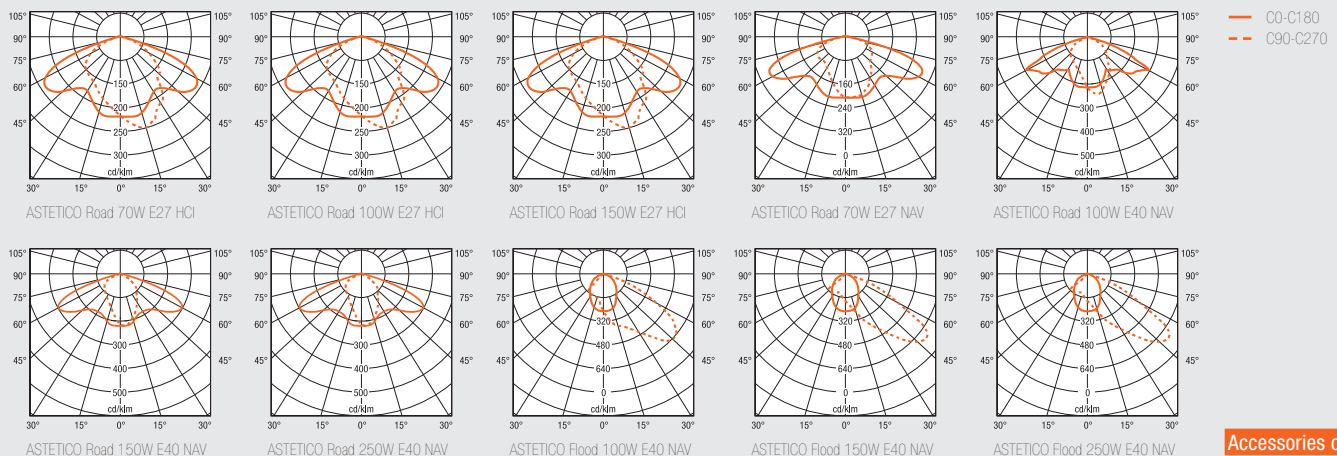


Product reference



ASTETICO®

ASTETICO Road 70W E27 HCI	4008321983282	FORGE-GRAY	70	220-240	50-60	E27	504	—	668	255	556	—	17290	1x1	1
ASTETICO Road 100W E27 HCI	4008321983299	FORGE-GRAY	100	220-240	50-60	E27	504	—	668	255	556	—	17710	1x1	1
ASTETICO Road 150W E27 HCI	4008321983305	FORGE-GRAY	150	220-240	50-60	E27	504	—	668	255	556	—	18190	1x1	1
ASTETICO Road 70W E27 NAV	4008321983312	FORGE-GRAY	70	220-240	50-60	E27	504	—	668	255	556	—	17120	1x1	1
ASTETICO Road 70W E27 NAV2	4008321983329	FORGE-GRAY	70	220-240	50-60	E27	504	—	668	255	556	NAV2	17150	1x1	1
ASTETICO Road 100W E40 NAV	4008321983336	FORGE-GRAY	100	220-240	50-60	E40	504	—	668	255	556	—	18270	1x1	1
ASTETICO Road 100W E40 NAV2	4008321983343	FORGE-GRAY	100	220-240	50-60	E40	504	—	668	255	556	NAV2	18320	1x1	1
ASTETICO Road 150W E40 NAV	4008321983350	FORGE-GRAY	150	220-240	50-60	E40	504	—	668	255	556	—	18750	1x1	1
ASTETICO Road 150W E40 NAV2	4008321983367	FORGE-GRAY	150	220-240	50-60	E40	504	—	668	255	556	NAV2	18900	1x1	1
ASTETICO Road 250W E40 NAV	4008321983374	FORGE-GRAY	250	220-240	50-60	E40	504	—	668	255	556	—	20050	1x1	1
ASTETICO Road 250W E40 NAV2	4008321983381	FORGE-GRAY	250	220-240	50-60	E40	504	—	668	255	556	NAV2	20260	1x1	1
ASTETICO Flood 70W E27 HCI	4008321983398	FORGE-GRAY	70	220-240	50-60	E27	773	504	668	255	—	—	17720	1x1	2
ASTETICO Flood 100W E27 HCI	4008321983404	FORGE-GRAY	100	220-240	50-60	E27	773	504	668	255	—	—	18140	1x1	2
ASTETICO Flood 150W E27 HCI	4008321983411	FORGE-GRAY	150	220-240	50-60	E27	773	504	668	255	—	—	18620	1x1	2
ASTETICO Flood 70W E27 NAV	4008321983428	FORGE-GRAY	70	220-240	50-60	E27	773	504	668	255	—	—	17550	1x1	2
ASTETICO Flood 70W E27 NAV2	4008321983435	FORGE-GRAY	70	220-240	50-60	E27	773	504	668	255	—	NAV2	17580	1x1	2
ASTETICO Flood 100W E40 NAV	4008321983442	FORGE-GRAY	100	220-240	50-60	E40	773	504	668	255	—	—	18760	1x1	2
ASTETICO Flood 100W E40 NAV2	4008321983459	FORGE-GRAY	100	220-240	50-60	E40	773	504	668	255	—	NAV2	18810	1x1	2
ASTETICO Flood 150W E40 NAV	4008321983466	FORGE-GRAY	150	220-240	50-60	E40	773	504	668	255	—	—	19240	1x1	2
ASTETICO Flood 150W E40 NAV2	4008321983473	FORGE-GRAY	150	220-240	50-60	E40	773	504	668	255	—	NAV2	19390	1x1	2
ASTETICO Flood 250W E40 NAV	4008321983480	FORGE-GRAY	250	220-240	50-60	E40	773	504	668	255	—	—	20540	1x1	2
ASTETICO Flood 250W E40 NAV2	4008321983497	FORGE-GRAY	250	220-240	50-60	E40	773	504	668	255	—	NAV2	20750	1x1	2



Accessories on p. 24

ELLYPTICA® I and II. A modern look for our cities.

FEATURES AND BENEFITS:

CE

VF

IP66

IK10

220-240V

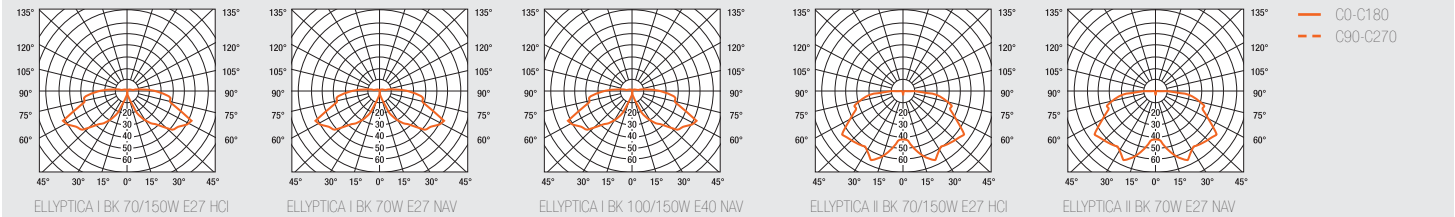
50-60 Hz

- Compact gear tray for easy maintenance
- Circular louvers made of anodized aluminum, painted black on the outside to reduce glare and minimize light pollution
- Luminaire family with several options for mast mounting:
 - ELLYPTICA® I: post-top mounting on masts/brackets
 - ELLYPTICA® II: side-entry mounting to masts or hanging from brackets (please see p. 24 for accessories)
- Decorative luminaire family made from die-cast aluminum with a UV-stable polycarbonate diffuser

- Corrosion-resistant powder coating
- Symmetrical light pattern
- Plastic diffuser made of UV-stable polycarbonate with decorative line elements
- Wattages: 70/100/150W, each with or without the option for power reduction (NAV2 types)
- Colors: black (RAL 9011), others on request
- For mounting on 60/100 mm spigot
- Accessories: brackets (single, double and for wall mounting)
- Matching aluminum masts (4 m) in luminaire color on request



Product reference			COLOR	W	V	Hz							
ELLYPTICA®													No.
ELLYPTICA I BK 70W E27 HCl	4008321983077		BLACK	70	220-240	50-60	E27	838	327	—	9020	1x1	1
ELLYPTICA I BK 150W E27 HCl	4008321983084		BLACK	150	220-240	50-60	E27	838	327	—	10240	1x1	1
ELLYPTICA I BK 70W E27 NAV	4008321983091		BLACK	70	220-240	50-60	E27	838	327	—	9510	1x1	1
ELLYPTICA I BK 70W E27 NAV2	4008321983107		BLACK	70	220-240	50-60	E27	838	327	NAV2	9510	1x1	1
ELLYPTICA I BK 100W E40 NAV	4008321983114		BLACK	100	220-240	50-60	E40	838	327	—	9510	1x1	1
ELLYPTICA I BK 100W E40 NAV2	4008321983121		BLACK	100	220-240	50-60	E40	838	327	NAV2	8770	1x1	1
ELLYPTICA I BK 150W E40 NAV	4008321983138		BLACK	150	220-240	50-60	E40	838	327	—	10040	1x1	1
ELLYPTICA I BK 150W E40 NAV2	4008321983145		BLACK	150	220-240	50-60	E40	838	327	NAV2	8670	1x1	1
ELLYPTICA II BK 70W E27 HCl	4008321983152		BLACK	70	220-240	50-60	E27	703	327	—	8140	1x1	2
ELLYPTICA II BK 150W E27 HCl	4008321983169		BLACK	150	220-240	50-60	E27	703	327	—	9360	1x1	2
ELLYPTICA II BK 70W E27 NAV	4008321983176		BLACK	70	220-240	50-60	E27	703	327	—	8070	1x1	2
ELLYPTICA II BK 70W E27 NAV2	4008321983183		BLACK	70	220-240	50-60	E27	703	327	NAV2	8630	1x1	2
ELLYPTICA II BK 100W E40 HCl	4008321983190		BLACK	100	220-240	50-60	E40	703	327	—	8630	1x1	2
ELLYPTICA II BK 100W E40 HCl2	4008321983206		BLACK	100	220-240	50-60	E40	703	327	NAV2	7890	1x1	2
ELLYPTICA II BK 150W E40 HCl	4008321983213		BLACK	150	220-240	50-60	E40	703	327	—	9160	1x1	2
ELLYPTICA II BK 150W E40 HCl2	4008321983220		BLACK	150	220-240	50-60	E40	703	327	NAV2	7790	1x1	2



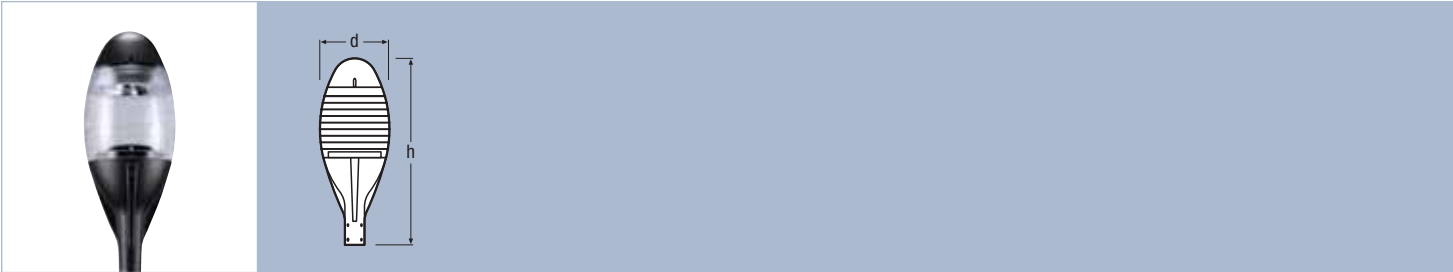
Accessories on p. 24

ELLYPTICA® III.

FEATURES AND BENEFITS:



- Luminaire family with several options for mast mounting and different light patterns:
 - ELLYPTICA® III: for mounting on masts or brackets, with anodized aluminum reflector for an asymmetrical light pattern for street lighting
- Decorative luminaire made from die-cast aluminum with a UV-stable polycarbonate diffuser
- Corrosion-resistant powder coating
- Asymmetrical light pattern
- Wattages: 70/150 W
- Colors: black (RAL 9011), others on request
- For mounting on 60/100 mm spigot
- Accessories: brackets (single, double and for wall mounting)
- Matching aluminum masts (4 m) in luminaire color on request

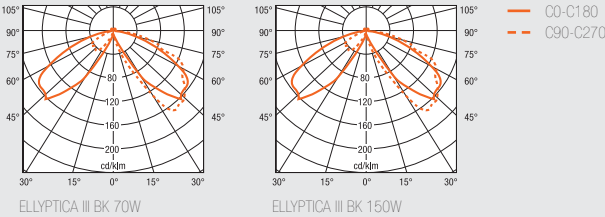


Product reference



ELLYPTICA®

ELLYPTICA III BK 70W	4008321983237	BLACK	70	220-240	50-60	E27	838	327	9110	1x1
ELLYPTICA III BK 150W	4008321983244	BLACK	150	220-240	50-60	E27	838	327	10020	1x1



Accessories on p. 24

VIALUX® I. Classic design with many options.

FEATURES AND BENEFITS:

CE

V

⊕

IP54

IK10

ⓧ

ⓧ

220-240 V

50-60 Hz

• White circular louvers for efficient distribution of light and to reduce glare and light pollution

• Surface with highly corrosion-resistant powder coating, all external screws made of stainless steel

• Same design in the VIALUX® family with different lighting technologies opens up design options with VIALUX® II and III

• Compact gear tray for easy maintenance

• Circular louvers made of white-painted aluminum plate

• Decorative luminaire family made from die-cast aluminum with a UV-stable polycarbonate diffuser

• Corrosion-resistant powder coating

• Symmetrical light pattern

• Diffuser made of UV-stable polycarbonate

• Wattages: 70/100/150W, each with or without the option for power reduction (NAV2 types)

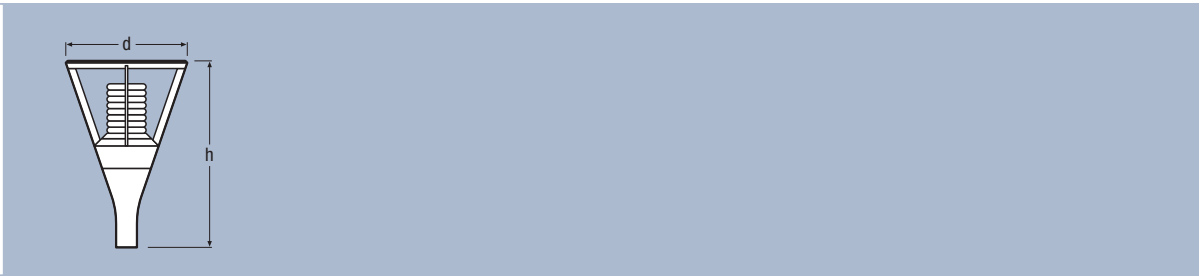
• Colors: black (RAL 9011), forge-gray, others on request

• For mounting on 60/100 mm spigot

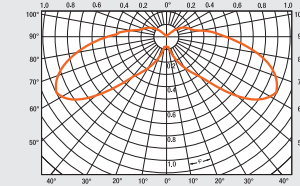
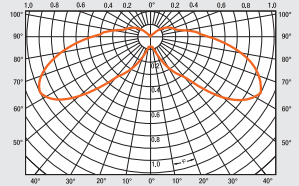
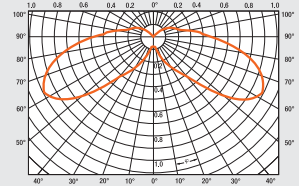
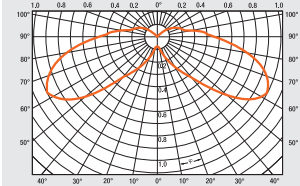
• Accessories: brackets (single, double and for wall mounting)

• Matching aluminum masts (4 m) in luminaire color on request





Product reference											
VIALUX® I											
VIALUX I BK 70W E27 HCI	4008321982605	BLACK	70	220-240	50-60	E27	912	589	—	18540	1x1
VIALUX I BK 150W E27 HCI	4008321982612	BLACK	150	220-240	50-60	E27	912	589	—	19350	1x1
VIALUX I BK 70W E27 NAV	4008321982629	BLACK	70	220-240	50-60	E27	912	589	—	18450	1x1
VIALUX I BK 70W E27 NAV2	4008321982636	BLACK	70	220-240	50-60	E27	912	589	NAV2	19060	1x1
VIALUX I BK 100W E40 NAV	4008321982643	BLACK	100	220-240	50-60	E40	912	589	—	19090	1x1
VIALUX I BK 100W E40 NAV2	4008321982650	BLACK	100	220-240	50-60	E40	912	589	NAV2	19390	1x1
VIALUX I BK 150W E40 NAV	4008321982667	BLACK	150	220-240	50-60	E40	912	589	—	19570	1x1
VIALUX I BK 150W E40 NAV2	4008321982674	BLACK	150	220-240	50-60	E40	912	589	NAV2	19850	1x1
VIALUX I CD 70W E27 HCI	4008321982681	FORGE-GRAY	70	220-240	50-60	E27	912	589	—	18540	1x1
VIALUX I CD 150W E27 HCI	4008321982698	FORGE-GRAY	150	220-240	50-60	E27	912	589	—	19350	1x1
VIALUX I CD 70W E27 NAV	4008321982704	FORGE-GRAY	70	220-240	50-60	E27	912	589	—	18450	1x1
VIALUX I CD 70W E27 NAV2	4008321982711	FORGE-GRAY	70	220-240	50-60	E27	912	589	NAV2	19060	1x1
VIALUX I CD 100W E40 NAV	4008321982728	FORGE-GRAY	100	220-240	50-60	E40	912	589	—	19090	1x1
VIALUX I CD 100W E40 NAV2	4008321982735	FORGE-GRAY	100	220-240	50-60	E40	912	589	NAV2	19390	1x1
VIALUX I CD 150W E40 NAV	4008321982742	FORGE-GRAY	150	220-240	50-60	E40	912	589	—	19570	1x1
VIALUX I CD 150W E40 NAV2	4008321982759	FORGE-GRAY	150	220-240	50-60	E40	912	589	NAV2	19850	1x1



VIALUX I 70W/150W HCI

VIALUX I 70W NAV

VIALUX I 100W NAV

VIALUX I 150W NAV

— C0-C180

- - C90-C270

Accessories on p. 24

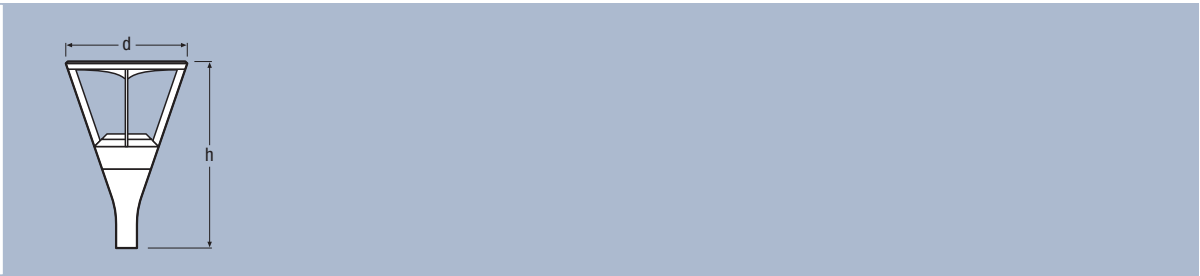
12

VIALUX® II. Robust yet stylish.

FEATURES AND BENEFITS:



- Compact gear tray for easy maintenance
- Direct/indirect optics with reflector made of white, powder-coated aluminum plate to reduce glare and light pollution
- Same design in the VIALUX® family with different lighting technologies opens up design options with VIALUX® I and III
- Decorative luminaire family made from die-cast aluminum with secondary reflector made of aluminum plate
- Corrosion-resistant powder coating
- Symmetrical light pattern
- Primary reflector made from high-quality aluminum, for double-ended lamps (Rx7s)
- Cover made from impact-resistant glass
- Wattages: 70/150 W
- Colors: black (RAL 9011) and forge-gray
- For mounting on 60/100 mm spigot
- Accessories: brackets (single, double and for wall mounting)
- Matching aluminum masts (4 m) in luminaire color on request

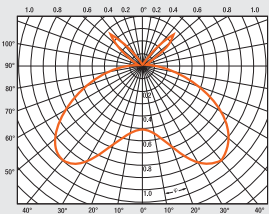


Product reference

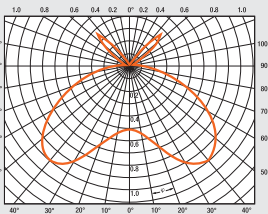


VIALUX® II

VIALUX II BK 70W Rx7s	4008321982766	BLACK	70	220-240	50-60	Rx7s	912	589	17570	1x1
VIALUX II BK 150W Rx7s	4008321982773	BLACK	150	220-240	50-60	Rx7s-24	912	589	18340	1x1
VIALUX II CD 70W Rx7s	4008321982780	FORGE-GRAY	70	220-240	50-60	Rx7s	912	589	17570	1x1
VIALUX II CD 150W Rx7s	4008321982797	FORGE-GRAY	150	220-240	50-60	Rx7s-24	912	589	18340	1x1



VIALUX II 70W NAV



VIALUX II 150W NAV

- C0-C180
- - C90-C270

Accessories on p. 24

VIALUX® III. For making cities prettier.

FEATURES AND BENEFITS:

CE

V

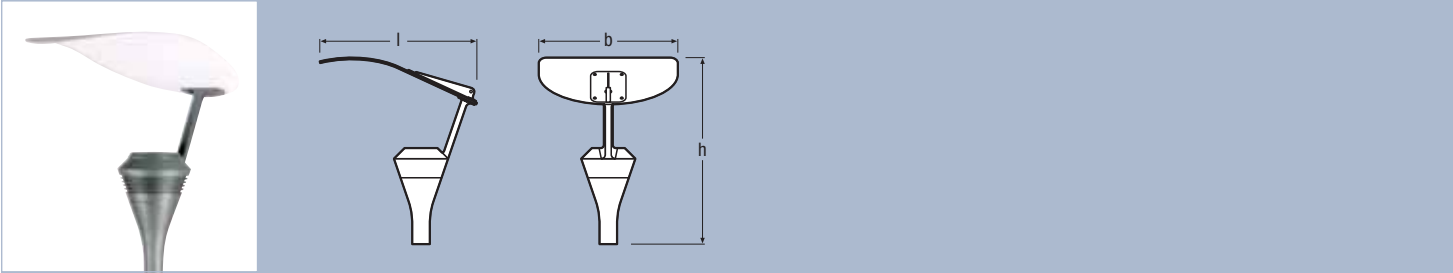
IP65

IK10

220-240V

50-60 Hz

- Aesthetically appealing luminaire for city beautification projects
- Compact gear tray for easy maintenance
- Reflector sail made from solid, UV-stable, white, powder-coated aluminum plate (4 mm) with excellent long-term stability
- Stable in winds of up to 150 km/h
- Same design in the VIALUX® family with different lighting technologies opens up design options with VIALUX® I and II
- Decorative luminaire family made from die-cast aluminum with reflector sail made of aluminum
- Corrosion-resistant powder coating
- Asymmetrical light pattern
- Primary reflector made from high-quality aluminum, for double-ended lamps (Rx7s)
- Cover made from impact-resistant glass
- Wattages: 70/150 W
- Colors: black (RAL 9011) and forge-gray
- For mounting on 60/100 mm spigot
- Accessories: brackets (single, double and for wall mounting)
- Matching aluminum masts (4 m) in luminaire color on request



Product reference

COLOR

W

V

Hz

VIALUX® III

VIALUX III BK 70W Rx7s	4008321982803	BLACK	70	220-240	50-60	Rx7s	1078	893	800	19920	1x1
VIALUX III BK 150W Rx7s	4008321982810	BLACK	150	220-240	50-60	Rx7s-24	1078	893	800	20690	1x1
VIALUX III CD 70W Rx7s	4008321982827	FORGE-GRAY	70	220-240	50-60	Rx7s	1078	893	800	19920	1x1
VIALUX III CD 150W Rx7s	4008321982834	FORGE-GRAY	150	220-240	50-60	Rx7s-24	1078	893	800	20690	1x1

VIALUX III CD 70W Rx7s

VIALUX III 150W Rx7s

Accessories on p. 24

FR2. Elegant and simply effective.

FEATURES AND BENEFITS:

CE

V

IP43

220-240 V

50-60 Hz

• Durable: robust, corrosion-resistant luminaire

• Impact-resistant polycarbonate diffuser, top cover made of aluminum, white enamel inside for greater efficiency

• Decorative outdoor luminaire made from die-cast aluminum with a UV-stable polycarbonate diffuser

• Corrosion-resistant powder coating, all external screws made of stainless steel

• Symmetrical light pattern

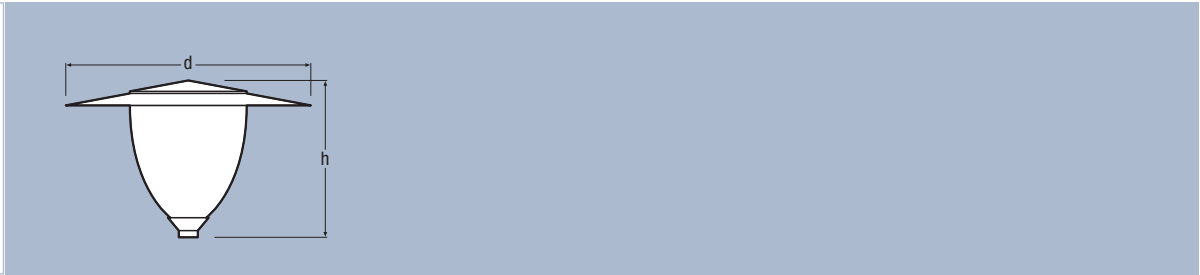
• Wattage: 70 W for NAV internal igniter lamps

• Color: green (RAL 6005)

• For mounting on 60/100 mm spigot

• Matching aluminum masts (4 m) on request





Product reference										
FR2										
FR2 GR 70W E27 NAV	4008321983831	GREEN	70	220-240	50-60	E27	335	550	3970	1x1

15

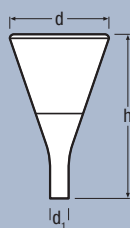
VIALTA®. Decorative outdoor and street lighting in its simplest form.

FEATURES AND BENEFITS:



- Compact gear tray for easy maintenance
- Diffuser with prismatic structure for a pleasant light pattern
- Circular louvers to reduce glare and light pollution
- Decorative luminaire family made from die-cast aluminum with a UV-stable polycarbonate diffuser
- Corrosion-resistant powder coating, all external screws made of stainless steel
- Symmetrical light pattern
- Plastic diffuser made of UV-stable polycarbonate
- Wattages: 70/100/150 W, each with or without the option for power reduction (NAV2 types)

- Colors: black (RAL 9011) and forge-gray
- VIALTA® 60: outer diameter 60 mm, for 33/100 mm spigot
- VIALTA® 78: outer diameter 78 mm, for 60/100 mm spigot
- Accessories: brackets (single, double and for wall mounting)
- Matching aluminum masts (4 m) in luminaire color on request



Product reference



COLOR

W

V

Hz



h [mm]

d [mm]

d1 [mm]

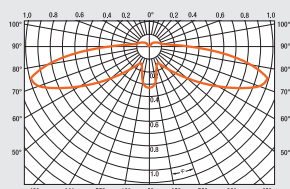


g

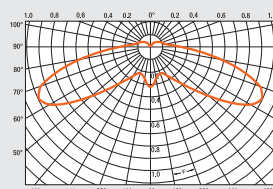


VIALTA®

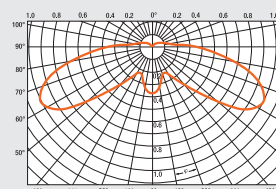
VIALTA60 70W BK E27 HCl	4008321982285	BLACK	70	220-240	50-60	E27	699	437	33	—	6290	1x1
VIALTA60 150W BK E27 HCl	4008321982292	BLACK	150	220-240	50-60	E27	699	437	33	—	7090	1x1
VIALTA78 70W BK E27 HCl	4008321982308	BLACK	70	220-240	50-60	E27	699	437	60	—	6410	1x1
VIALTA78 150W BK E27 HCl	4008321982315	BLACK	150	220-240	50-60	E27	699	437	60	—	7210	1x1
VIALTA60 70W BK E27 NAV	4008321982322	BLACK	70	220-240	50-60	E27	699	437	33	—	6190	1x1
VIALTA60 70W BK E27 NAV2	4008321982339	BLACK	70	220-240	50-60	E27	699	437	33	NAV2	6810	1x1
VIALTA78 70W BK E27 NAV	4008321982346	BLACK	70	220-240	50-60	E27	699	437	60	—	6310	1x1
VIALTA78 70W BK E27 NAV2	4008321982353	BLACK	70	220-240	50-60	E27	699	437	60	NAV2	6930	1x1
VIALTA60 100W BK E40 NAV	4008321982360	BLACK	100	220-240	50-60	E40	699	437	33	—	6840	1x1
VIALTA60 100W BK E40 NAV2	4008321982377	BLACK	100	220-240	50-60	E40	699	437	33	NAV2	7140	1x1
VIALTA78 100W BK E40 NAV	4008321982384	BLACK	100	220-240	50-60	E40	699	437	60	—	6960	1x1
VIALTA78 100W BK E40 NAV2	4008321982391	BLACK	100	220-240	50-60	E40	699	437	60	NAV2	7260	1x1
VIALTA60 150W BK E40 NAV	4008321982407	BLACK	150	220-240	50-60	E40	699	437	33	—	7320	1x1
VIALTA60 150W BK E40 NAV2	4008321982414	BLACK	150	220-240	50-60	E40	699	437	33	NAV2	7600	1x1
VIALTA78 150W BK E40 NAV	4008321982421	BLACK	150	220-240	50-60	E40	699	437	60	—	7440	1x1
VIALTA78 150W BK E40 NAV2	4008321982438	BLACK	150	220-240	50-60	E40	699	437	60	NAV2	7720	1x1
VIALTA60 70W CD E27 HCl	4008321982445	FORGE-GRAY	70	220-240	50-60	E27	699	437	33	—	6290	1x1
VIALTA60 150W CD E27 HCl	4008321982452	FORGE-GRAY	150	220-240	50-60	E27	699	437	33	—	7090	1x1
VIALTA78 70W CD E27 HCl	4008321982469	FORGE-GRAY	70	220-240	50-60	E27	699	437	60	—	6410	1x1
VIALTA78 150W CD E27 HCl	4008321982476	FORGE-GRAY	150	220-240	50-60	E27	699	437	60	—	7210	1x1
VIALTA60 70W CD E27 NAV	4008321982483	FORGE-GRAY	70	220-240	50-60	E27	699	437	33	—	6190	1x1
VIALTA60 70W CD E27 NAV2	4008321982490	FORGE-GRAY	70	220-240	50-60	E27	699	437	33	NAV2	6810	1x1
VIALTA78 70W CD E27 NAV	4008321982506	FORGE-GRAY	70	220-240	50-60	E27	699	437	60	—	6310	1x1
VIALTA78 70W CD E27 NAV	4008321982513	FORGE-GRAY	70	220-240	50-60	E27	699	437	60	—	6930	1x1
VIALTA60 100W CD E40 NAV	4008321982520	FORGE-GRAY	100	220-240	50-60	E40	699	437	33	—	6840	1x1
VIALTA60 100W CD E40 NAV2	4008321982537	FORGE-GRAY	100	220-240	50-60	E40	699	437	33	NAV2	7140	1x1
VIALTA78 100W CD E40 NAV	4008321982544	FORGE-GRAY	100	220-240	50-60	E40	699	437	60	—	6960	1x1
VIALTA78 100W CD E40 NAV2	4008321982551	FORGE-GRAY	100	220-240	50-60	E40	699	437	60	NAV2	7260	1x1
VIALTA60 150W CD E40 NAV	4008321982568	FORGE-GRAY	150	220-240	50-60	E40	699	437	33	—	7320	1x1
VIALTA60 150W CD E40 NAV2	4008321982575	FORGE-GRAY	150	220-240	50-60	E40	699	437	33	NAV2	7600	1x1
VIALTA78 150W CD E40 NAV	4008321982582	FORGE-GRAY	150	220-240	50-60	E40	699	437	60	—	7440	1x1
VIALTA78 150W CD E40 NAV2	4008321982599	FORGE-GRAY	150	220-240	50-60	E40	699	437	60	NAV2	7720	1x1



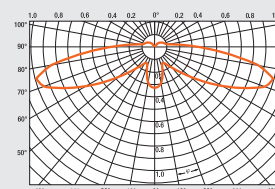
VIALTA78 70W HCl - HQI-E 70NDL



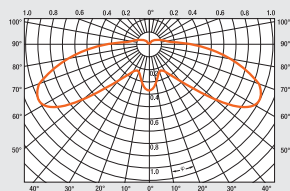
VIALTA78 70W NAV - NAV-E 70I



VIALTA78 100W NAV E 100 SUPER 4Y



VIALTA78 150W HCl - HQI-E 150 NDL



VIALTA78 150W NAV E 150 4Y

— C0-C180
 --- C90-C270

Accessories on p. 24



UTEA®. New aesthetics in path lighting.

UTEA®. NEW AESTHETIC REFERENCE FOR BOLLARDS IN AN URBAN ENVIRONMENT.

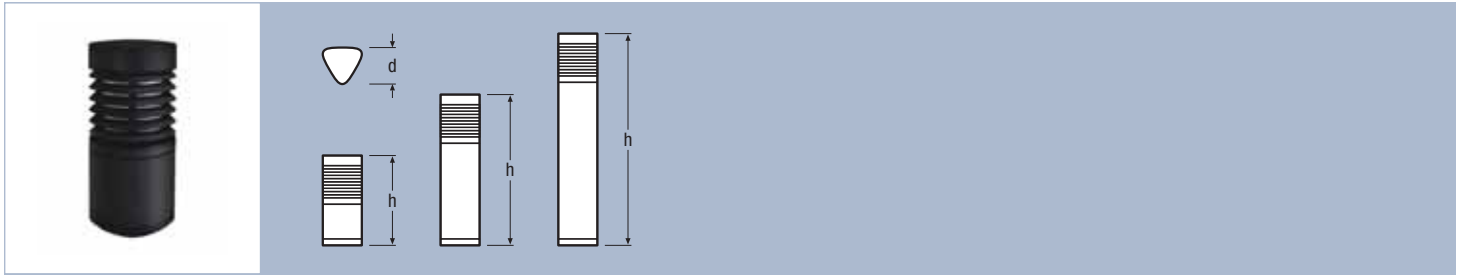
Bollard luminaires are preferred for public spaces to enhance squares, paths and pedestrian zones. For the growing sector of bollard luminaires with classic technology as well as with LED technology, OSRAM presents three product families that perfectly address the various aspects of this lighting task – UTEA®, PAIPS® and BARISO™. In addition to the applications mentioned above, UTEA® can be used to provide contemporary and elegant lighting for private gardens. The product is robust, durable and easy to install.

FEATURES AND BENEFITS:

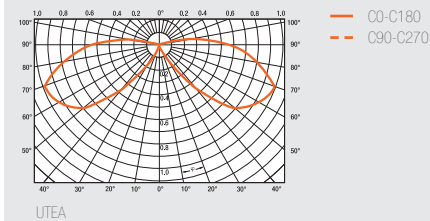
CE   IP55 IK10 220–240V 50–60 Hz

- Aesthetically appealing bollard luminaire with robust design
- Pleasant, glare-free light pattern
- Aesthetic, easy ground fixing, professional bollard luminaire made from die-cast aluminum
- Corrosion-resistant powder coating, all external screws made of stainless steel
- Circular louvers to reduce glare
- Diffuser with prismatic structure for a uniform light pattern
- Versions available for compact fluorescent lamps (CFLs) and high-intensity discharge lamps (HID)
- Three different heights: 480, 700 and 1000 mm
- Colors: black (RAL 9011), forge-gray
- Accessory: UTEA®/PAIPS® Mounting Kit





Product reference		COLOR	W	V	Hz					
UTEA®										
UTEA H480 BK 24W CFL	4008321982162	BLACK	max. 24	220-240	50-60	E27	480	220	7340	1x1
UTEA H700 BK 24W CFL	4008321982179	BLACK	max. 24	220-240	50-60	E27	700	220	8870	1x1
UTEA H1000 BK 24W CFL	4008321982186	BLACK	max. 24	220-240	50-60	E27	1000	220	10970	1x1
UTEA H480 BK 70W HCl	4008321982193	BLACK	70	220-240	50-60	E27	480	220	8710	1x1
UTEA H700 BK 70W HCl	4008321982209	BLACK	70	220-240	50-60	E27	700	220	10240	1x1
UTEA H1000 BK 70W HCl	4008321982216	BLACK	70	220-240	50-60	E27	1000	220	12340	1x1
UTEA H480 COLORED 24W CFL	4008321982223	FORGE-GRAY	max. 24	220-240	50-60	E27	480	220	7340	1x1
UTEA H700 COLORED 24W CFL	4008321982230	FORGE-GRAY	max. 24	220-240	50-60	E27	700	220	8870	1x1
UTEA H1000 COLORED 24W CFL	4008321982247	FORGE-GRAY	max. 24	220-240	50-60	E27	1000	220	10970	1x1
UTEA H480 COLORED 70W HCl	4008321982254	FORGE-GRAY	70	220-240	50-60	E27	480	220	8710	1x1
UTEA H700 COLORED 70W HCl	4008321982261	FORGE-GRAY	70	220-240	50-60	E27	700	220	10240	1x1
UTEA H1000 COLORED 70W HCl	4008321982278	FORGE-GRAY	70	220-240	50-60	E27	1000	220	12340	1x1



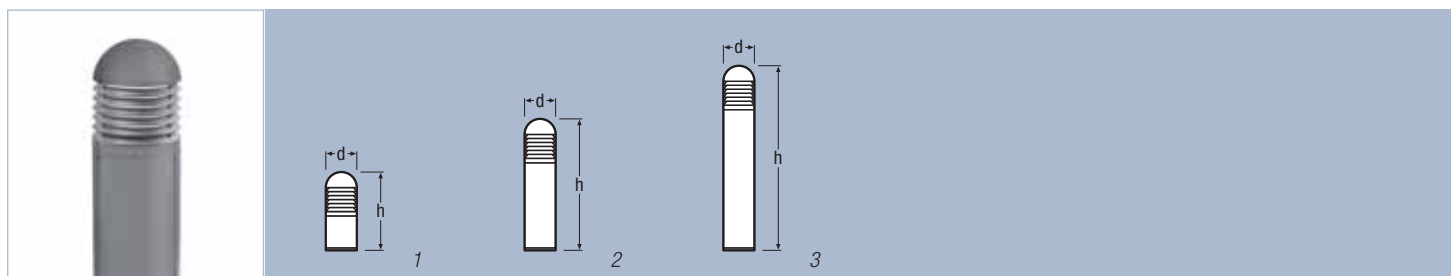
Accessories on p. 24

PAIPS® PEX. First choice for modern city planning.

FEATURES AND BENEFITS:



- Aesthetically appealing, slimline bollard luminaire
- External circular louvers and diffuser with prismatic structure for a soft light pattern
- Aesthetic, easy ground fixing, optional mounting kit
- Casing made of powder-coated die-cast aluminum
- All external screws are made of stainless steel and sit flush with the casing
- Versions available for general-purpose lamps (E27) and high-intensity discharge lamps (HCI/NAV)
- Three different heights: 480, 700 and 1000 mm
- Colors: black (RAL 9011), forge-gray
- Accessory: UTEA®/PAIPS® Mounting Kit

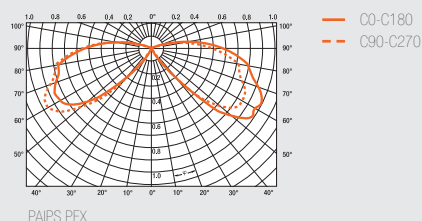


Product reference



PAIPS® PEX

PAIPS PEX H480 BK 22W E27 CFLW	4008321605344	BLACK	max. 24	220-240	50-60	E27	480	186	4600	1x1	1
PAIPS PEX H700 BK 22W E27 CFLW	4008321605351	BLACK	max. 24	220-240	50-60	E27	700	186	5620	1x1	2
PAIPS PEX H1000 BK 22W E27 CFLW	4008321605405	BLACK	max. 24	220-240	50-60	E27	1000	186	6920	1x1	3
PAIPS PEX H480 GR 22W E27 CFLW	4008321605443	FORGE-GRAY	max. 24	220-240	50-60	E27	480	186	4600	1x1	1
PAIPS PEX H700 GR 22W E27 CFLW	4008321605450	FORGE-GRAY	max. 24	220-240	50-60	E27	700	186	5620	1x1	2
PAIPS PEX H1000 GR 22W E27 CFLW	4008321605467	FORGE-GRAY	max. 24	220-240	50-60	E27	1000	186	6920	1x1	3
PAIPS PEX H480 BK 70W E27 NAV	4008321985194	BLACK	70	220-240	50-60	E27	480	186	6150	1x1	1
PAIPS PEX H700 BK 70W E27 NAV	4008321985200	BLACK	70	220-240	50-60	E27	700	186	7170	1x1	2
PAIPS PEX H1000 BK 70W E27 NAV	4008321985217	BLACK	70	220-240	50-60	E27	1000	186	8470	1x1	3
PAIPS PEX H480 FG 70W E27 NAV	4008321985224	FORGE-GRAY	70	220-240	50-60	E27	480	186	6150	1x1	1
PAIPS PEX H700 FG 70W E27 NAV	4008321985231	FORGE-GRAY	70	220-240	50-60	E27	700	186	7170	1x1	2
PAIPS PEX H1000 FG 70W E27 NAV	4008321985248	FORGE-GRAY	70	220-240	50-60	E27	1000	186	8470	1x1	3
PAIPS PEX H480 BK E27 HCI	4008321985255	BLACK	70	220-240	50-60	E27	480	186	6150	1x1	1
PAIPS PEX H700 BK E27 HCI	4008321985262	BLACK	70	220-240	50-60	E27	700	186	7170	1x1	2
PAIPS PEX H1000 BK E27 HCI	4008321985279	BLACK	70	220-240	50-60	E27	1000	186	8470	1x1	3
PAIPS PEX H480 FG E27 HCI	4008321985286	FORGE-GRAY	70	220-240	50-60	E27	480	186	6150	1x1	1
PAIPS PEX H700 FG E27 HCI	4008321985293	FORGE-GRAY	70	220-240	50-60	E27	700	186	7170	1x1	2
PAIPS PEX H1000 FG E27 HCI	4008321985309	FORGE-GRAY	70	220-240	50-60	E27	1000	186	8470	1x1	3



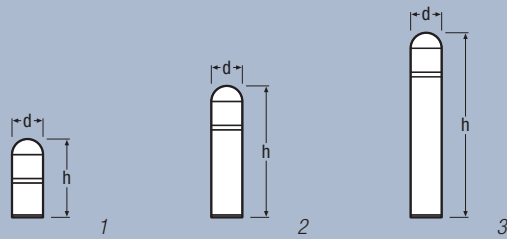
Accessories on p. 24

PAIPS® PIA. An aesthetic and efficient combination.

FEATURES AND BENEFITS:



- Aesthetically appealing, slimline bollard luminaire
- Internal circular louvers made of aluminum with broad, effective light pattern and transparent PC diffuser
- Aesthetic, easy ground fixing, optional mounting kit
- Casing made of powder-coated die-cast aluminum
- All external screws are made of stainless steel and sit flush with the casing
- Versions available for general-purpose lamps (E27) and high-intensity discharge lamps (HCI/NAV)
- Three different heights: 480, 700 and 1000 mm
- Colors: black (RAL 9011), forge-gray
- Accessory: UTEA®/PAIPS® Mounting Kit

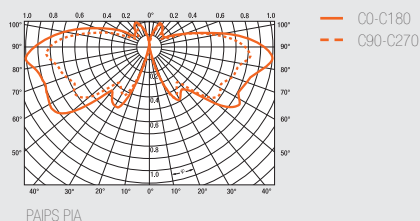


Product reference



PAIPS® PIA

PAIPS PIA H480 BK 22W E27 CFLW	4008321605313	BLACK	max. 24	220-240	50-60	E27	480	186	4260	1x1	1
PAIPS PIA H700 BK 22W E27 CFLW	4008321605320	BLACK	max. 24	220-240	50-60	E27	700	186	5230	1x1	2
PAIPS PIA H1000 BK 22W E27 CFLW	4008321605337	BLACK	max. 24	220-240	50-60	E27	1000	186	6610	1x1	3
PAIPS PIA H480 FG 22W E27 CFLW	4008321605412	FORGE-GRAY	max. 24	220-240	50-60	E27	480	186	4260	1x1	1
PAIPS PIA H700 FG 22W E27 CFLW	4008321605429	FORGE-GRAY	max. 24	220-240	50-60	E27	700	186	5230	1x1	2
PAIPS PIA H1000 FG 22W E27 CFLW	4008321605436	FORGE-GRAY	max. 24	220-240	50-60	E27	1000	186	6610	1x1	3
PAIPS PIA H480 BK 70W E27 NAV	4008321985132	BLACK	70	220-240	50-60	E27	480	186	5810	1x1	1
PAIPS PIA H700 BK 70W E27 NAV	4008321985149	BLACK	70	220-240	50-60	E27	700	186	6780	1x1	2
PAIPS PIA H1000 BK 70W E27 NAV	4008321985156	BLACK	70	220-240	50-60	E27	1000	186	8160	1x1	3
PAIPS PIA H480 FG 70W E27 NAV	4008321985163	FORGE-GRAY	70	220-240	50-60	E27	480	186	5810	1x1	1
PAIPS PIA H700 FG 70W E27 NAV	4008321985170	FORGE-GRAY	70	220-240	50-60	E27	700	186	6780	1x1	2
PAIPS PIA H1000 FG 70W E27 NAV	4008321985187	FORGE-GRAY	70	220-240	50-60	E27	1000	186	8160	1x1	3
PAIPS PIA H480 BK E27 HCI	4008321985316	BLACK	70	220-240	50-60	E27	480	186	5810	1x1	1
PAIPS PIA H700 BK E27 HCI	4008321985323	BLACK	70	220-240	50-60	E27	700	186	6780	1x1	2
PAIPS PIA H1000 BK E27 HCI	4008321985330	BLACK	70	220-240	50-60	E27	1000	186	8160	1x1	3
PAIPS PIA H480 FG E27 HCI	4008321985347	FORGE-GRAY	70	220-240	50-60	E27	480	186	5810	1x1	1
PAIPS PIA H700 FG E27 HCI	4008321985354	FORGE-GRAY	70	220-240	50-60	E27	700	186	6780	1x1	2
PAIPS PIA H1000 FG E27 HCI	4008321985361	FORGE-GRAY	70	220-240	50-60	E27	1000	186	8160	1x1	3



Accessories on p. 24

BARISO™. Elegance all the way.

FEATURES AND BENEFITS:

CE

IP54

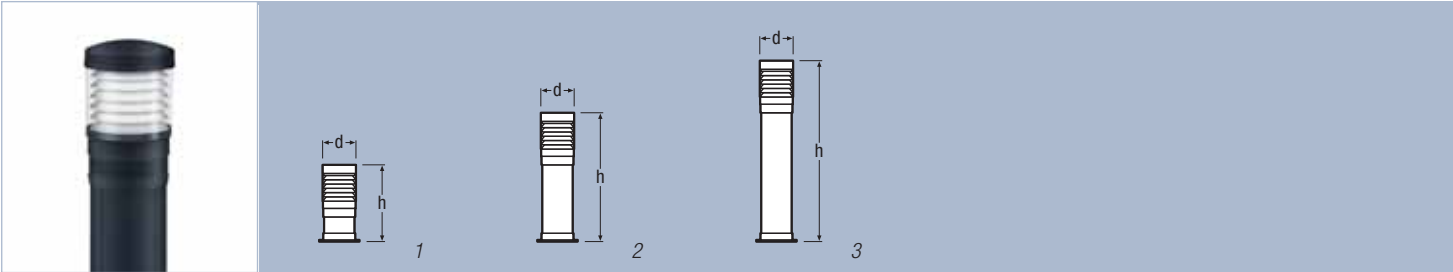
IK08

220-240V

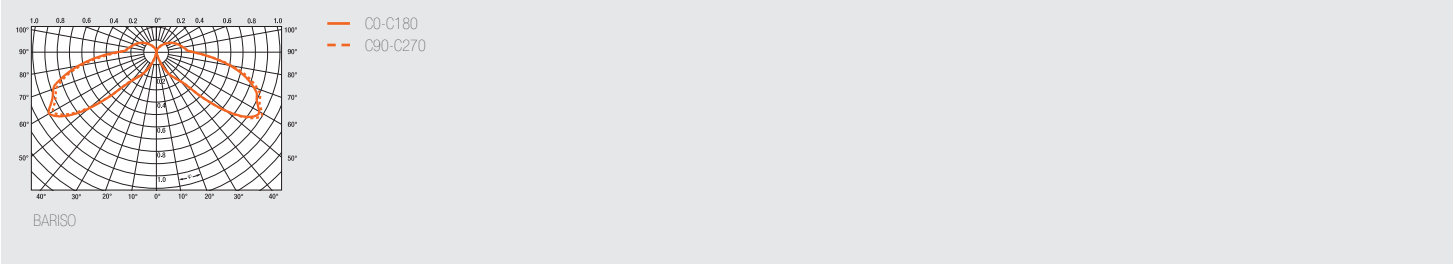
50-60 Hz

- Easy ground fixing with included mounting plate
- Professional, attractive bollard luminaire made from polycarbonate and PVC
- All external screws are made of stainless steel
- White circular louvers for a soft, attractive light pattern

- Diffuser made of transparent polycarbonate
- Versions available for general-purpose lamps (E27) and sodium vapor lamps (NAV)
- Three different heights: 410, 700 and 1000 mm
- Colors: black (RAL 9011), forge-gray



Product reference		COLOR	W	V	Hz						
BARISO™	EAN						h [mm]	d [mm]	g		No.
BARISO H410 BK 22W E27 CFL	4008321605030	BLACK	max. 24	220-240	50-60	E27	410	200	2900	1x1	1
BARISO H700 BK 22W E27 CFL	4008321605047	BLACK	max. 24	220-240	50-60	E27	700	200	4020	1x1	2
BARISO H1000 BK 22W E27 CFL	4008321605054	BLACK	max. 24	220-240	50-60	E27	1000	200	4780	1x1	3
BARISO H410 CD 22W E27 CFL	4008321605061	FORGE-GRAY	max. 24	220-240	50-60	E27	410	200	2900	1x1	1
BARISO H700 CD 22W E27 CFL	4008321605078	FORGE-GRAY	max. 24	220-240	50-60	E27	700	200	4020	1x1	2
BARISO H1000 CD 22W E27 CFL	4008321605085	FORGE-GRAY	max. 24	220-240	50-60	E27	1000	200	4780	1x1	3
BARISO H410 BK 70W E27 NAV	4008321985071	BLACK	70	220-240	50-60	E27	410	200	4450	1x1	1
BARISO H700 BK 70W E27 NAV	4008321985088	BLACK	70	220-240	50-60	E27	700	200	5570	1x1	2
BARISO H1000 BK 70W E27 NAV	4008321985095	BLACK	70	220-240	50-60	E27	1000	200	6330	1x1	3
BARISO H410 FG 70W E27 NAV	4008321985101	FORGE-GRAY	70	220-240	50-60	E27	410	200	4450	1x1	1
BARISO H700 FG 70W E27 NAV	4008321985118	FORGE-GRAY	70	220-240	50-60	E27	700	200	5570	1x1	2
BARISO H1000 FG 70W E27 NAV	4008321985125	FORGE-GRAY	70	220-240	50-60	E27	1000	200	6330	1x1	3

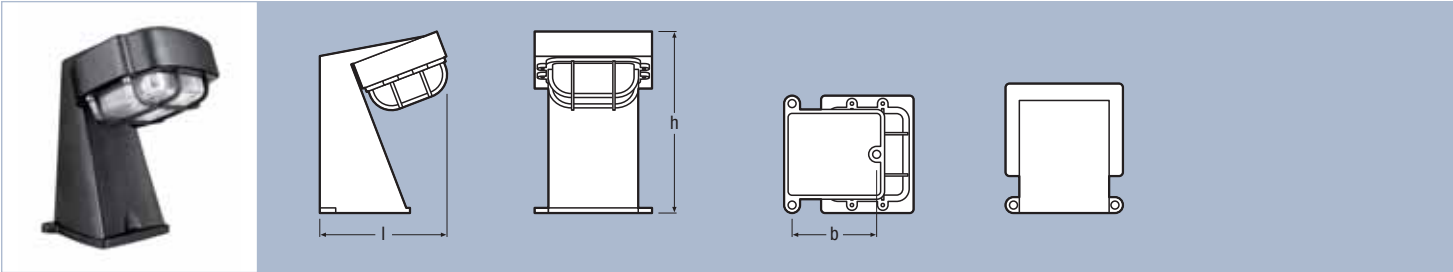


ORTASA®. Atmospheric light not only for harbors.

FEATURES AND BENEFITS:



- Decorative path lighting with retro marine design
- Design matches the TARTUGA® family of wall-mounted luminaires for aesthetically appealing installations
- Casing and protective grid made of die-cast aluminum, powder-coated
- Impact-resistant glass cover with durable silicone gasket
- All external screws are made of stainless steel
- Reflector for improved, uniform light pattern
- Colors: black (RAL 9011), forge-gray

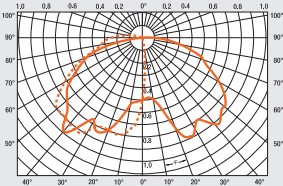


Product reference

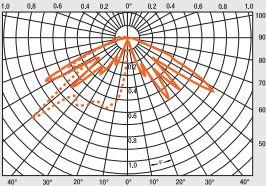


ORTASA®

ORTASA BK 70W E27 CFL	4008321605498	BLACK	70	220-240	50-60	E27	225	142	315	3490	1x1
ORTASA CD 70W E27 CFL	4008321605504	FORGE-GRAY	70	220-240	50-60	E27	225	142	315	3490	1x1



ORTASA BK with DULUX SUPERSTAR 11W



ORTASA BK with HAL ECO CLASSIC A

— C0-C180
- - C90-C270

Accessories Decorative & Park Lighting.

Accessories for ELLYPTICA®, VIALUX®, VIALTA®

A black metal bracket with a single arm extending horizontally from a vertical post.

Post-top bracket (single)

A black metal bracket with two horizontal arms extending from a central vertical post.

Post-top bracket (double)

A black metal bracket with a single arm extending horizontally from a vertical wall plate.

Post-top bracket (wall)

Accessories for ASTETICO®

A black T-shaped coupling with a single horizontal arm.

S-HOR Coupling (single)

A black T-shaped coupling with two horizontal arms.

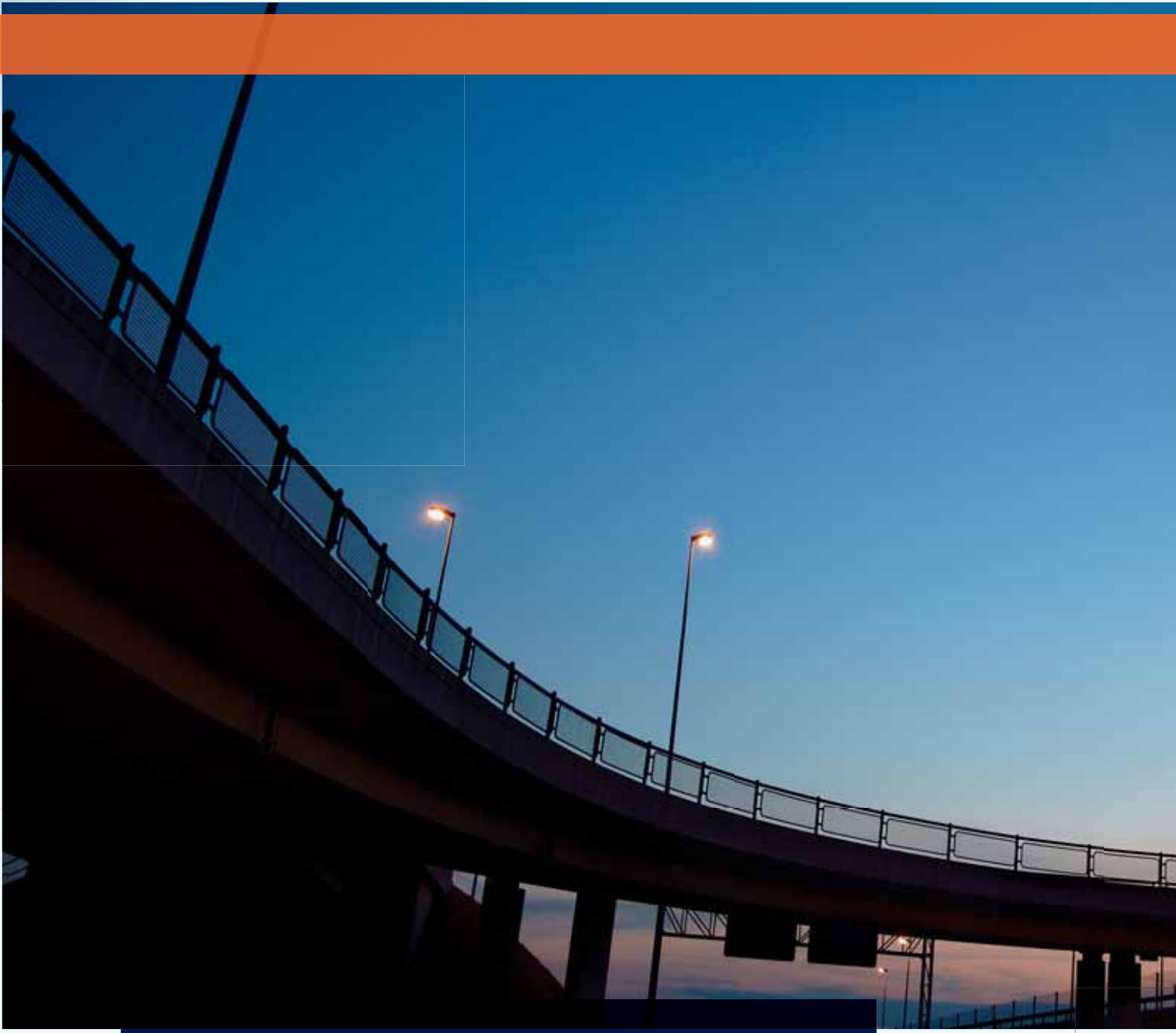
D-HOR Coupling (double)

Accessory for UTEA®/PAIPS®

A black metal mounting kit consisting of a horizontal plate and four vertical legs.

UTEA®/PAIPS® Mounting Kit

Product reference			
Accessories for ELLYPTICA®, VIALUX®, VIALTA® with arm length of 600 mm			
ELLYPTICA POST-TOP BRACKET SINGLE	4008321983251	5180	1x1
ELLYPTICA POST-TOP BRACKET DOUBLE	4008321983268	8460	1x1
ELLYPTICA POST-TOP BRACKET WALL	4008321983275	3490	1x1
Accessories for ASTETICO®			
ASTETICO S-HOR Coupling	4008321983503	1200	1x1
ASTETICO D-HOR Coupling	4008321983510	1080	1x1
Accessory for UTEA®/PAIPS®			
UTEA/PAIPS Mounting Kit	4008321620934	640	1x1



Technical Street Lighting



“The aim is to enhance the street scene with no loss of functionality.”

Without lighting, what would our cities look like at night? Light offers security, helps us find our way around and creates spaces. Squares, streets and footpaths are illuminated and given character – in line with their requirements based on their size, function and usage. OSRAM offers a wealth of innovative lighting solutions that combine the best properties for modern street lighting: bright and efficient, robust and aesthetic, durable and reliable.



HPMSL®. Modern technical LED street lighting – modular, maintainable and adaptable.

HPMSL®

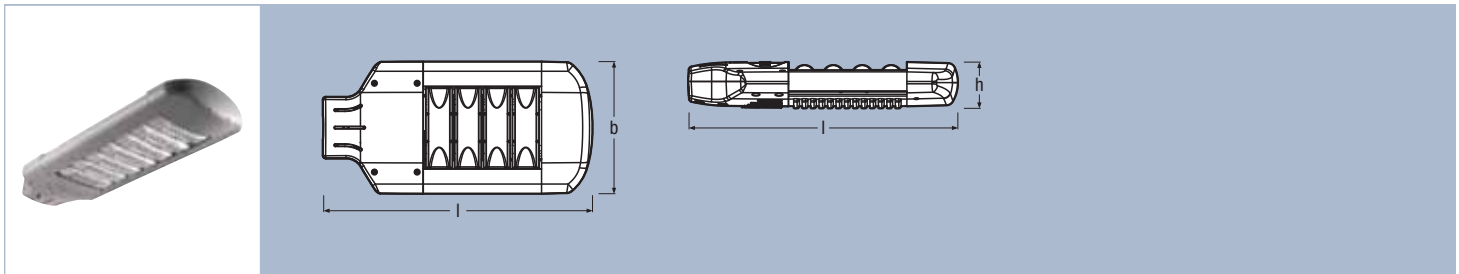
HPMSL® (high-power modular street light) is the new flagship in technical street lighting. This flexible, maintainable solution with LED modules is suitable for a wide variety of applications. Depending on the number of modules, it can replace classic luminaires between 70 and 250W with traditional NAV or HQI lamps. Thanks to its robust construction and high system efficiency, it provides reliable performance throughout its extremely long lifetime. The optical design ensures high application efficiency. It complies with relevant standards and offers low power consumption, reduced CO₂ emissions and minimal light pollution, thus making a significant contribution to a clean future of our cities.

FEATURES AND BENEFITS:



- LED street light with modular, maintainable design
- High application efficiency with approximately 92 % light in the target area
- Extremely long lifetime with low maintenance costs
- Powder-coated frame made of die-cast aluminum/extruded aluminum profiles
- Reflector optics with long-term stability
- Individual ingress protection (IP66) for every module
- Polycarbonate diffusers with silicone gasket on the modules
- Equipped with OSRAM HPMSL module with OSRAM LEDs
- Available in beige-gray
- Wattages: 89/133/156/177W, light color: 6500 K
- LED modules and control gear can be maintained individually
- For mounting on 60/100 mm spigot
- Matching aluminum masts (4 m) on request





Product reference													
HPMSL®													
KIT HPMSL4 GR W4F765-L130X75	4008321586827	GRAY	89	110-240	50-60	765	6500	700	345	120	130x75	14000	1x1
KIT HPMSL6 GR W4F765-L130X75	4008321586834	GRAY	133	110-240	50-60	765	6500	850	345	120	130x75	17000	1x1
KIT HPMSL7 GR W4F765-L130X75	4008321586841	GRAY	156	110-240	50-60	765	6500	925	345	120	130x75	19000	1x1
KIT HPMSL8 GR W4F765-L130X75	4008321586858	GRAY	177	110-240	50-60	765	6500	1000	345	120	130x75	20000	1x1

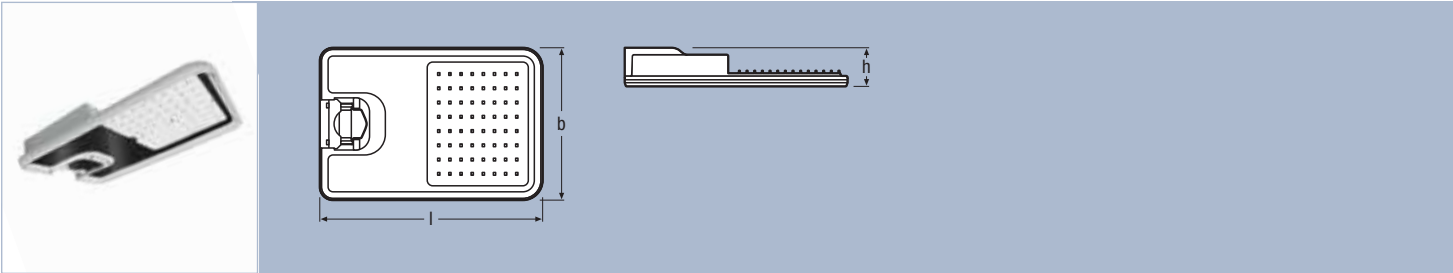
HPMSL 4	HPMSL 6	HPMSL 7	HPMSL 8	

STREETlight LUM90. LED street and outdoor lighting, simple and maintenance-free.

FEATURES AND BENEFITS:



- Efficient street light equipped with OSRAM LEDs and OPTOTRONIC® control gear
 - Extremely long lifetime with low maintenance costs
 - Casing made of powder-coated die-cast aluminum
 - Primary optics on the LEDs ensure the correct light pattern
 - Flat cover made from hardened glass
 - Easy to install and maintain thanks to connector system
- Available in light-gray (RAL 7035)
 - Power consumption: 90W, light color: 5400 K, 4000 K
 - Suitable for post-top and side-entry mounting
 - For mounting on 54–76/100 mm spigot
 - Matching aluminum masts (4 m) on request

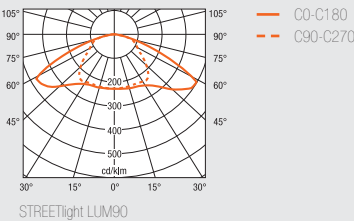


Product reference



STREETlight LUM90

STREETlight LUM90 4000K	4008321678270	LIGHT-GRAY	90	220–240	50–60	64	740	4000	582	400	104	15000	32x1
STREETlight LUM90 5400K	4008321678256	LIGHT-GRAY	90	220–240	50–60	64	854	5400	582	400	104	15000	32x1
STREETlight LUM90 5400K	4008321647498	LIGHT-GRAY	90	220–240	50–60	64	854	5400	582	400	104	15000	1x1



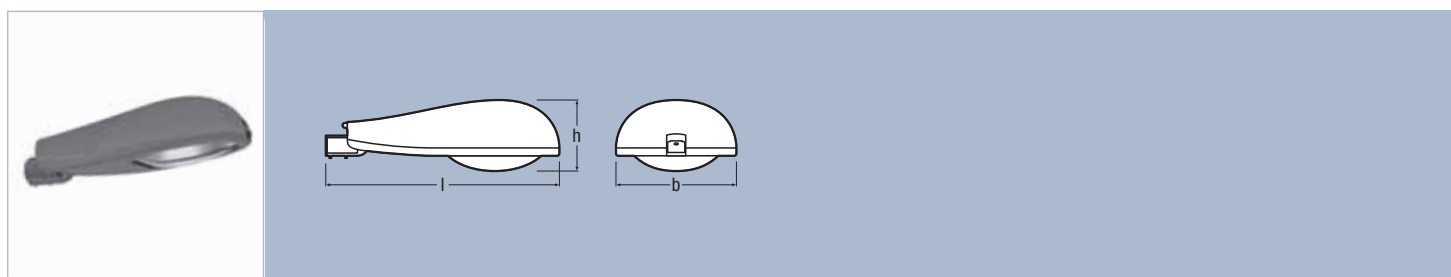
ML-250 and ML-250 LED. A choice of technology with an attractive and versatile design.

LED VERSION
AVAILABLE
FROM
NOVEMBER

FEATURES AND BENEFITS:



- Technical street light with either classic light sources (NAV/HCI) or LED modules
- High system efficiency and good quality of light
- ML-250 LED: extremely long lifetime with low maintenance, maintainable module concept and electronic control gear with 3DIM functionality
- Robust and attractive casing made of powder-coated die-cast aluminum
- Stainless steel front clip for easy maintenance
- Convex cover made of tempered glass
- High-quality aluminum reflector or easily replaceable OSRAM STREETlight Advanced LED module (no tools required)
- Precise distribution of light for good application efficiency
- Wattages:
 - ML-250: 70/100/150/250W, each with or without the option for power reduction (NAV2 types)
 - ML-250 LED: 60W, 2 STREETlight Advanced modules, dimmable in three ways (3DIM concept: StepDIM, AstroDIM, DALI®)
- Available in forge-gray
- ML-250 LED: LED modules and control gear can be individually maintained and replaced (no tools required)
- ML-250: compact gear tray with connections for rapid installation and maintenance
- For mounting on 48–60 mm spigot
- Adjustable mast connection: 0–30° for post-top mounting, 5–25° for side-entry mounting
- Matching aluminum masts (4 m) on request



Product reference



ML-250

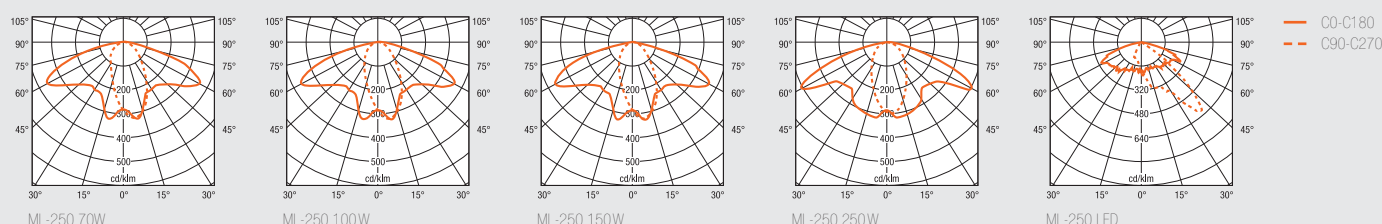
ML-250 FG 70W E27 NAV	4008321983527	FORGE-GRAY	70	220–240	50–60	E27	750	350	200	–	7900	1x1
ML-250 FG 70W E27 NAV2	4008321983534	FORGE-GRAY	70	220–240	50–60	E27	750	350	200	NAV2	8100	1x1
ML-250 FG 100W E40 NAV HCI	4008321983541	FORGE-GRAY	100	220–240	50–60	E40	750	350	200	–	8600	1x1
ML-250 FG 100W E40HCI2NAV2	4008321983558	FORGE-GRAY	100	220–240	50–60	E40	750	350	200	NAV2	8800	1x1
ML-250 FG 150W E40 NAV HCI	4008321983565	FORGE-GRAY	150	220–240	50–60	E40	750	350	200	–	9400	1x1
ML-250 FG 150W E40HCI2NAV2	4008321983572	FORGE-GRAY	150	220–240	50–60	E40	750	350	200	NAV2	9600	1x1
ML-250 FG 250W E40 NAV HCI	4008321983589	FORGE-GRAY	250	220–240	50–60	E40	750	350	200	–	9900	1x1
ML-250 FG 250W E40HCI2NAV2	4008321983596	FORGE-GRAY	250	220–240	50–60	E40	750	350	200	NAV2	10100	1x1

Product reference



ML-250 LED

ML-250 LED 2SLA1 60W 760 3DIM	4008321985378	FORGE-GRAY	60	220–240	50–60	SLA socket	760	6000	3DIM	750	350	200	10000	1x1
ML-250 LED 2SLA1 60W 742 3DIM	4008321985385	FORGE-GRAY	60	220–240	50–60	SLA socket	742	4200	3DIM	750	350	200	10000	1x1
ML-250 LED 2SLA1 60W 830 3DIM	4008321985392	FORGE-GRAY	60	220–240	50–60	SLA socket	830	3000	3DIM	750	350	200	10000	1x1



ML-150. Technical outdoor lighting – modern, robust, value for money.

FEATURES AND BENEFITS:

CE

IP43 (CCG)

IP65 (optics)

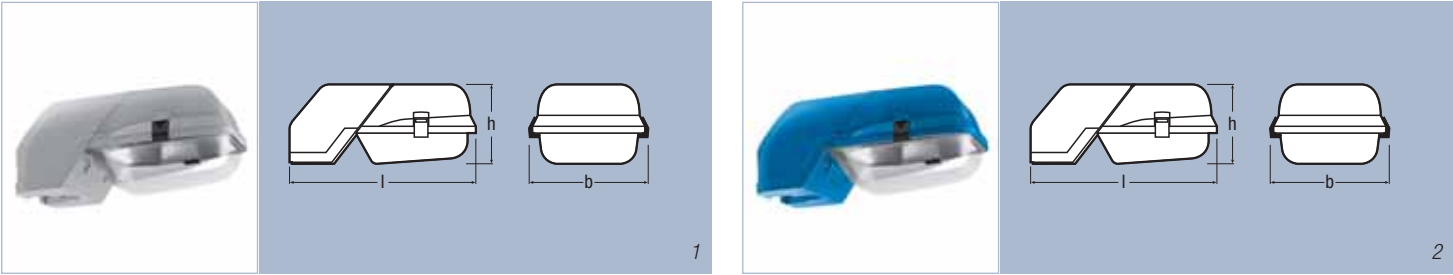
IK10

220–240V

50–60 Hz

- Technical outdoor luminaire made of UV-stable polycarbonate
- Compact gear tray made of PC with plug connections for rapid installation and maintenance
- Polycarbonate cover (UV-stable) with cast seal
- Robust polycarbonate casing
- Separate cover for easy access to the control gear
- Flexible reflector made of high-quality aluminum

- Wattages: 70/100/150W, each with or without the option for power reduction (NAV2 types)
- Mounting on mast connection:
 - Post-top mounting for 36–60 mm spigot
 - Side-entry mounting for 48–60 mm bracket
- Matching aluminum masts (4 m) on request



Product reference

COLOR

W

V

Hz

No.

ML-150

ML-150 FG 70W E27 NAV VS1	4008321983602	FORGE-GRAY	70	220–240	50–60	E27	470	300	200	–	5100	1x1	1
ML-150 FG 70W E27 NAV2 VS1 ¹⁾	4008321983619	FORGE-GRAY	70	220–240	50–60	E27	470	300	200	NAV2	5700	1x1	1
ML-150 FG 100W E40 NAV VS1	4008321983626	FORGE-GRAY	100	220–240	50–60	E40	470	300	200	–	5600	1x1	1
ML-150 FG 100W E40 NAV2 VS1 ¹⁾	4008321983633	FORGE-GRAY	100	220–240	50–60	E40	470	300	200	NAV2	6200	1x1	1
ML-150 FG 150W E40 NAV VS1 ¹⁾	4008321983640	FORGE-GRAY	150	220–240	50–60	E40	470	300	200	–	6500	1x1	1
ML-150 FG 150W E40 NAV VS1 ¹⁾	4008321983657	FORGE-GRAY	150	220–240	50–60	E40	470	300	200	–	7100	1x1	1
ML-150 CD 70W E27 NAV VS1	4008321983664	FORGE-GRAY	70	220–240	50–60	E27	470	300	200	–	5100	1x1	2
ML-150 CD 70W E27 NAV2 VS1 ¹⁾	4008321983671	FORGE-GRAY	70	220–240	50–60	E27	470	300	200	NAV2	5700	1x1	2
ML-150 CD 100W E40 NAV VS1	4008321983688	FORGE-GRAY	100	220–240	50–60	E40	470	300	200	–	5600	1x1	2
ML-150 CD 100W E40 NAV2 VS1 ¹⁾	4008321983695	FORGE-GRAY	100	220–240	50–60	E40	470	300	200	NAV2	6200	1x1	2
ML-150 CD 150W E40 NAV VS1 ¹⁾	4008321983701	FORGE-GRAY	150	220–240	50–60	E40	470	300	200	–	6500	1x1	2
ML-150 FG 150W E40 NAV VS1 ¹⁾	4008321983718	FORGE-GRAY	150	220–240	50–60	E40	470	300	200	–	7100	1x1	2

ML-150 70W

ML-150 100W

ML-150 150W

—

 C0-C180

—

 C90-C270

¹⁾ only available by order



Area & Sports Lighting



“Creating highlights and providing accents is an art.”

Sports events are exciting because of the highly charged atmosphere they generate. Lighting plays an important part here, spotlighting the players and providing a visual framework. Spotlights and floodlights from OSRAM offer impressive luminance and an excellent energy balance. They are therefore also ideal for illuminating façades, monuments and parks. In addition to the high quality of light they provide, our products offer high durability, robustness and weather resistance.

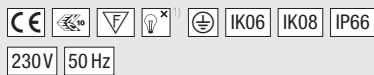


HALODIUM® II SYM. Major attractions made even more attractive.

HALODIUM® II SYM

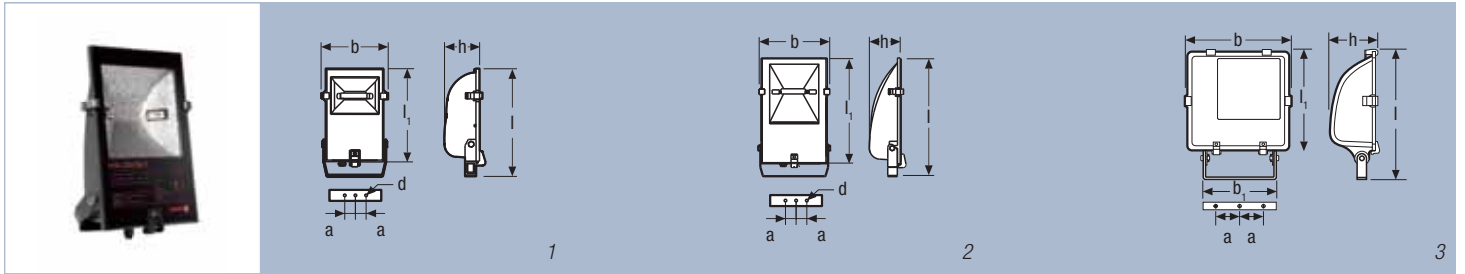
This symmetrical hose-proof outdoor spotlight is ready for installation and has a tough 5-mm shield made of tempered glass with a mesh overprint. Moreover, the casing is made of sand-blasted aluminum with a polyester powder coating for good corrosion protection. HALODIUM® II is ideal for spotlighting façades and monuments as well as for illuminating parks.

FEATURES AND BENEFITS:



- Luminaire including HQI metal halide lamp or NAV high-pressure sodium lamp and control gear
- Symmetrical hammered reflector made of anodized aluminum
- Mounting bracket made of zinc-plated steel; swivels through 180°
- Hinged protective shield fixed to the luminaire casing, lockable with aluminum snap hooks
- Windage area: TS 70 W < 0.065 m², TS 150 W < 0.10 m², T 250 W/400 W < 0.17 m²
- Power supply via nylon cable gland for H05RN-F or H07RN-F
- Screw terminal for cable diameter of 2.5 mm²
- Operating temperature -20 °C to +35 °C



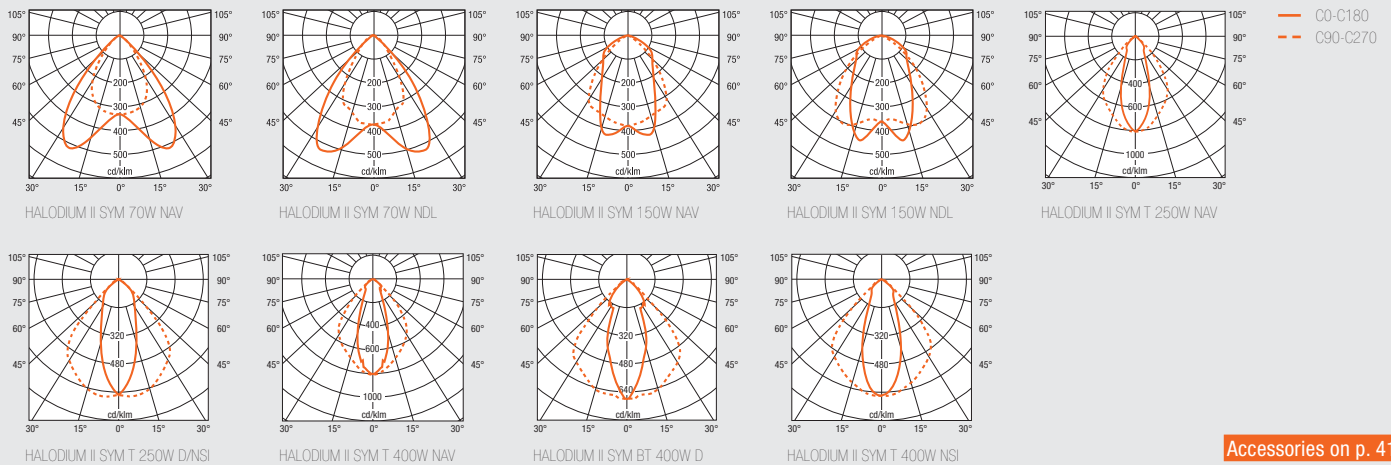


Product reference



HALODIUM® II SYM

HALODIUM II SYM TS 70 W NAV	4008321940148	ANTHRACITE	Rx7s	0.69	70	340	296	214	—	112	8.5	34	1x1	1
HALODIUM II SYM TS 70 W NDL	4008321940063	ANTHRACITE	Rx7s	0.70	70	340	296	214	—	112	8.5	34	1x1	1
HALODIUM II SYM TS 150 W NAV	4008321940162	ANTHRACITE	Rx7s-24	0.73	150	440	390	260	—	120	8.5	34	1x1	2
HALODIUM II SYM TS 150 W NDL	4008321940087	ANTHRACITE	Rx7s-24	0.71	150	440	390	260	—	120	8.5	34	1x1	2
HALODIUM II SYM T 250 W NAV	4008321940186	ANTHRACITE	E40	0.75	250	535	421	437	295	195	—	100	1x1	3
HALODIUM II SYM T 250 W D	4008321940100	ANTHRACITE	E40	0.74	250	535	421	437	295	195	—	100	1x1	3
HALODIUM II SYM T 250 W NSI	4008321940223	ANTHRACITE	E40	0.74	250	535	421	437	295	195	—	100	1x1	3
HALODIUM II SYM T 400 W NAV	4008321940209	ANTHRACITE	E40	0.75	400	535	421	437	295	195	—	100	1x1	3
HALODIUM II SYM BT 400 W D	4008321940124	ANTHRACITE	E40	0.74	400	535	421	437	295	195	—	100	1x1	3
HALODIUM II SYM T 400 W NSI	4008321940247	ANTHRACITE	E40	0.70	400	535	421	437	295	195	—	100	1x1	3
HALODIUM II AZ 70W SYM ¹⁾	4008321582881	ANTHRACITE	Rx7s	—	70	340	296	214	—	112	8.5	34	1x1	1
HALODIUM II AZ 150W SYM ¹⁾	4008321582904	ANTHRACITE	Rx7s-24	—	150	440	390	260	—	120	8.5	34	1x1	2
HALODIUM II AZ 250W SYM ¹⁾	4008321583413	ANTHRACITE	E40	—	250	535	421	437	295	195	—	100	1x1	3
HALODIUM II AZ 400W SYM ¹⁾	4008321583437	ANTHRACITE	E40	—	400	535	421	437	295	195	—	100	1x1	3



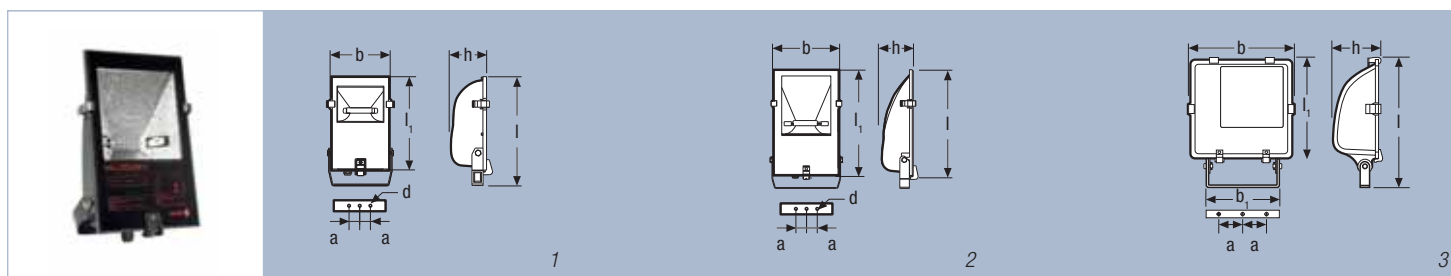
Accessories on p. 41

HALODIUM® II ASM. Impressive lighting can be so economical.

FEATURES AND BENEFITS:



- Asymmetrical hammered reflector made of anodized aluminum

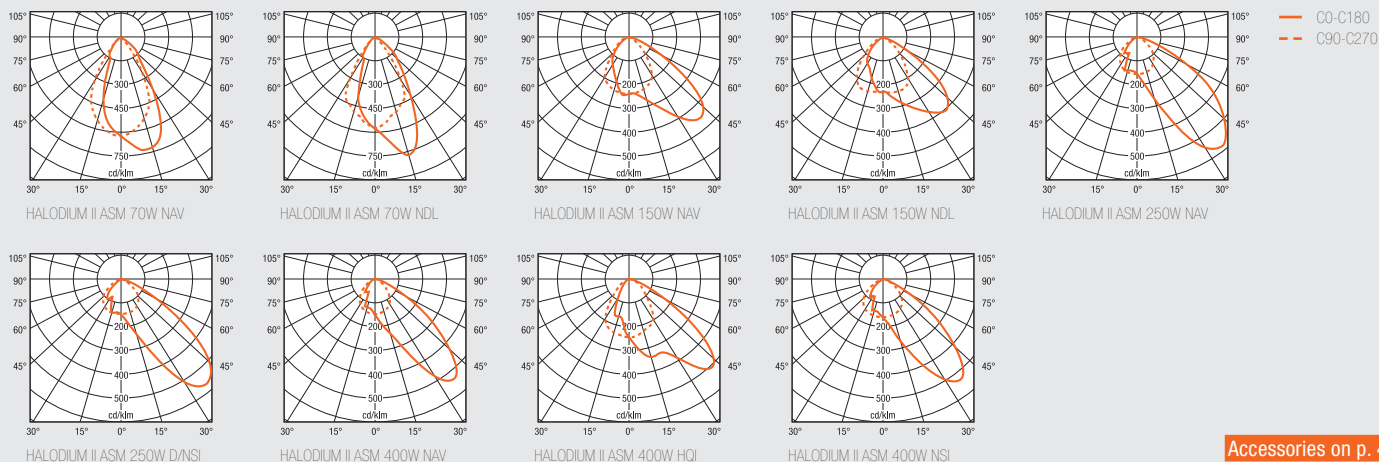


Product reference



HALODIUM® II ASM

HALODIUM II ASM TS 70 W NAV	4008321940155	ANTHRACITE	Rx7s	0.70	70	340	296	214	—	112	8.5	34	1x1	1
HALODIUM II ASM TS 70 W NDL	4008321940070	ANTHRACITE	Rx7s	0.71	70	340	296	214	—	112	8.5	34	1x1	1
HALODIUM II ASM TS 150 W NAV	4008321940179	ANTHRACITE	Rx7s-24	0.75	150	440	390	260	—	120	8.5	34	1x1	2
HALODIUM II ASM TS 150 W NDL	4008321940094	ANTHRACITE	Rx7s-24	0.74	150	440	390	260	—	120	8.5	34	1x1	2
HALODIUM II ASM T 250 W NAV	4008321940193	ANTHRACITE	E40	0.68	250	535	421	437	295	195	—	100	1x1	3
HALODIUM II ASM T 250 W D	4008321940117	ANTHRACITE	E40	0.65	250	535	421	437	295	195	—	100	1x1	3
HALODIUM II ASM T 250 W NSI	4008321940230	ANTHRACITE	E40	0.65	250	535	421	437	295	195	—	100	1x1	3
HALODIUM II ASM T 400 W NAV	4008321940216	ANTHRACITE	E40	0.71	400	535	421	437	295	195	—	100	1x1	3
HALODIUM II ASM BT 400 W D	4008321940131	ANTHRACITE	E40	0.66	400	535	421	437	295	195	—	100	1x1	3
HALODIUM II ASM T 400 W NSI	4008321940254	ANTHRACITE	E40	0.62	400	535	421	437	295	195	—	100	1x1	3
HALODIUM II AZ 70W ASM ¹⁾	4008321582898	ANTHRACITE	Rx7s	—	70	340	296	214	—	112	8.5	34	1x1	1
HALODIUM II AZ 150W ASM ¹⁾	4008321582911	ANTHRACITE	Rx7s-24	—	150	440	390	260	—	120	8.5	34	1x1	2
HALODIUM II AZ 250W ASM ¹⁾	4008321583420	ANTHRACITE	E40	—	250	535	421	437	295	195	—	100	1x1	3
HALODIUM II AZ 400W ASM ¹⁾	4008321583444	ANTHRACITE	E40	—	400	535	421	437	295	195	—	100	1x1	3



Accessories on p. 41

SATURNO II. Bringing the night to life.

FEATURES AND BENEFITS:

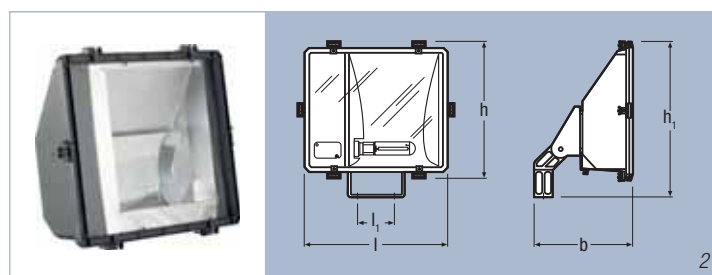
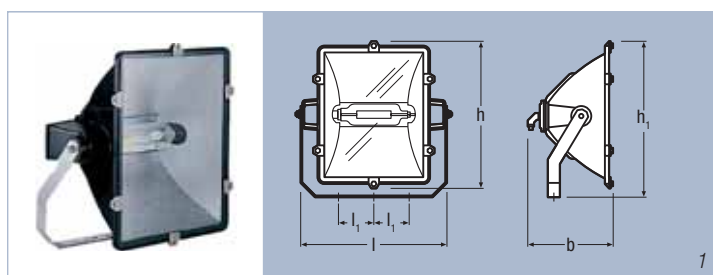


SATURNO II SYM

- Luminaire suitable for 1000-W or 2000-W HQI®-T metal halide lamp or NAV®-T high-pressure sodium lamp
- Symmetrical reflector made from aluminum with reflective coating
- Lamp with dedicated equipment box comprising control gear, capacitor and operating device to be ordered separately
- Operating temperature -20 °C to +35 °C
- Anti-glare shield available as an accessory
- Delivery time on request

SATURNO II ASM

- Luminaire suitable for 400-W or 1000-W HQI®-T metal halide lamp or NAV®-T high-pressure sodium lamp
- SATURNO II 400W ASM 65°: integrated control gear, lamp to be ordered separately
- SATURNO II 1000W ASM 65°: equipment box comprising control gear, capacitor and lamp to be ordered separately
- Asymmetrical reflector made from aluminum with reflective coating
- Operating temperature -20 °C to +35 °C
- Protective grid, lower shield and mounting bracket available as accessories
- Delivery time on request



Product reference

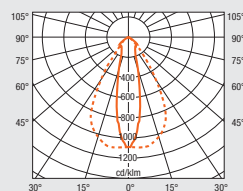


SATURNO II SYM

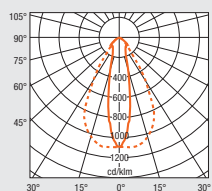
SATURNO II SYM 1000/2000 W	4008321414045	ANTHRACITE	1000/2000	710	100	400	730	770	1x1	1
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SATURNO II ASM 65°

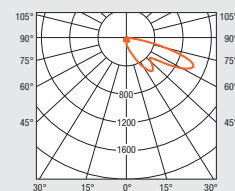
SATURNO II ASM 400 W - 65°	4008321414052	ANTHRACITE	400	560	110	390	600	580	1x1	2
SATURNO II ASM 1000 W - 65°	4008321414069	ANTHRACITE	1000	560	110	390	600	580	1x1	2



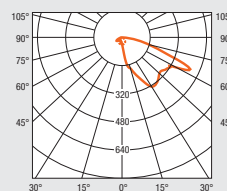
SATURNO II SYM 1000 W NAV-T



SATURNO II SYM 1000 W HQI-T



SATURNO II ASM 65° 400 W HQI-T/
NAV-T



SATURNO II ASM 65° 1000 W HQI-T/
NAV-T

— C0-C180
- - C90-C270

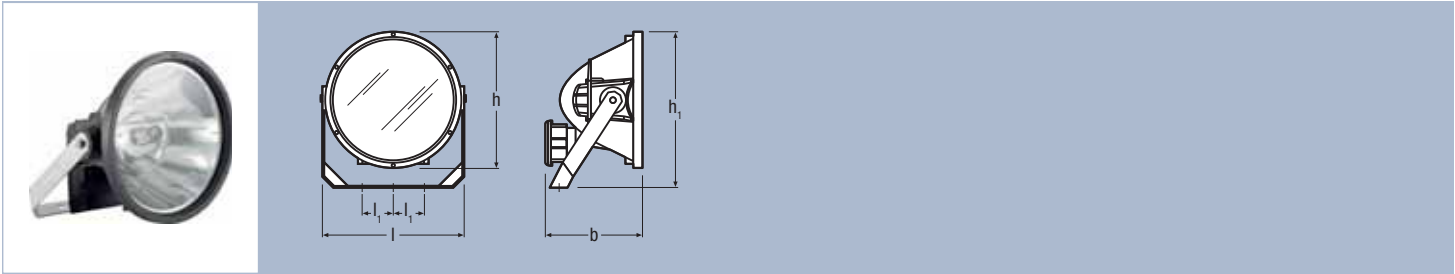
Accessories on p. 42

SATURNO II C. A powerful player.

FEATURES AND BENEFITS:



- Floodlight with rotationally symmetrical light distribution, a particularly robust casing and integrated igniter
 - Luminaire suitable for 2000-W HQI®-TS metal halide lamp
 - The casing is made from sand-blasted, nano-technology-treated aluminum with an epoxy/ polyester powder coating for optimum corrosion protection
 - Lamp and equipment box comprising control gear and capacitor to be ordered separately
 - Rotationally symmetrical reflector made from aluminum with reflective coating in various beam angles
 - Operating temperature -20 °C to +35 °C
- Anti-glare shield and protective grid available as accessories
 - Ideal for illuminating public spaces, sports facilities and covered and open car parks – even near the sea
 - Delivery time on request

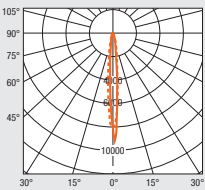


Product reference

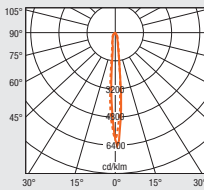


SATURNO II C

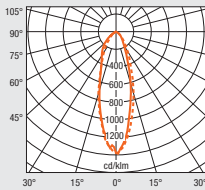
SATURNO II CONIQUE 2000 W HQI-TS/DS	4008321414076	ANTHRACITE	8	2000	520	100	360	520	580	1x1
SATURNO II CONIQUE 2000 W HQI-TS/DS	4008321414083	ANTHRACITE	10	2000	520	100	360	520	580	1x1
SATURNO II CONIQUE 2000 W HQI-TS/DS	4008321414090	ANTHRACITE	20	2000	520	100	360	520	580	1x1
SATURNO II CONIQUE 2000 W HQI-TS/DS	4008321414106	ANTHRACITE	30	2000	520	100	360	520	580	1x1



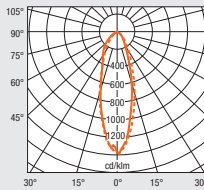
SATURNO II C
2000 W HQI-TS/DS 8°



SATURNO II C
2000 W HQI-TS/DS 10°



SATURNO II C
2000 W HQI-TS/DS 20°



SATURNO II C
2000 W HQI-TS/DS 30°

— C0-C180
- - C90-C270

Accessories on p. 43

Accessories Area & Sports Lighting.

Accessories for HALODIUM® II



Protective shield



Protective grid



Louver shield



Mounting bracket

Product reference



Accessories for HALODIUM® II

HALODIUM II SYM 70W Protective shield	4008321388322	—	1x1
HALODIUM II ASM 70W Protective shield	4008321388339	—	1x1
HALODIUM II SYM/ASM 150W Protective shield	4008321388346	—	1x1
HALODIUM II SYM/ASM 250/400W Protective shield	4008321388360	—	1x1
HALODIUM II Protective grid 70W	4008321624871	METALLIC	1x1
HALODIUM II Louver shield 70W	4008321624857	BLACK	1x1
HALODIUM II Protective grid 150W	4008321624888	METALLIC	1x1
HALODIUM II Louver shield 150W	4008321624864	BLACK	1x1
HALODIUM II Protective grid 250/400W	4008321624895	METALLIC	1x1
HALODIUM II Louver shield 250/400W	4008321624901	BLACK	1x1
HALODIUM II Mounting bracket 70/150	4008321380388	ANTHRACITE	1x1
HALODIUM II Mounting bracket 250/400	4008321380395	ANTHRACITE	1x1

Accessories for SATURNO II



Product reference



Accessories for SATURNO II SYM

Anti-glare shield SATURNO II SYM 1000/2000W	4008321447876	1x1
Protective shield SATURNO II SYM 1000/2000W	4008321447883	1x1

Accessories for SATURNO II ASM 65°

Louver shield SATURNO II ASM 400W/1000W	4008321447913	1x1
Protective grid SATURNO II ASM 400W/1000W	4008321447920	1x1
Protective shield SATURNO II ASM 400/2000W	4008321447937	1x1
Box SATURNO II ASM 400W/1000W	4008321447906	1x1

		Equipment box	Product number Box	
SATURNO II SYM – lamp/ECG combination				
HQI-T 1000 W N	4008321116604	Box NA-QIT 1000 W 8.9/10.3 A	4008321414151	1x1
HQI-T 1000 W D	4050300015323			
NAV-T 1000 W	4050300251417			
HQI-T 2000 W N/E Super	4050300301860	Box HQI-T 2000 W N/E 8.8 A	4008321414175	1x1
HQI-T 2000 W N/SN Super	4050300348629	Box HQI-T 2000 W N/SN 8.8 A	4008321543172	1x1
HQI-T 2000 W N 230 V	4050300421582	Box HQI-T 2000 W N 230 V 16.5 A	4008321414182	1x1
HQI-T 2000 W D	4050300015330	Box HQI-T 2000 W D 10.3 A	4008321414199	1x1
HQI-T 2000 W N	4050300015347	Box HQI-T 2000 W N 8.8 A	4008321414168	1x1

SATURNO II ASM 65° – lamp/ECG combination

HQI-T 1000 W N	4008321116604	Box NA-QIT 1000 W 8.9/10.3 A	4008321414151	1x1
HQI-T 1000 W D	4050300015323			
NAV-T 1000 W	4050300251417			

SATURNO II C – lamp/ECG combination

HQI-TS 2000 W D/S	4050300271682	Box HQI-TS 2000 W D/S 11.3 A	4008321414205	1x1
HQI-TS 2000 W D/SV	4050300977232			
HQI-TS 2000 W ND/L/S	4050300910196			
HQI-TS 2000 W ND/L/S/V	4050300195517			
HQI-TS 2000 W D/S High Efficiency	4008321338310			

Accessories for SATURNO II C



SATURNO II C with protective grid



SATURNO II C with anti-glare shield



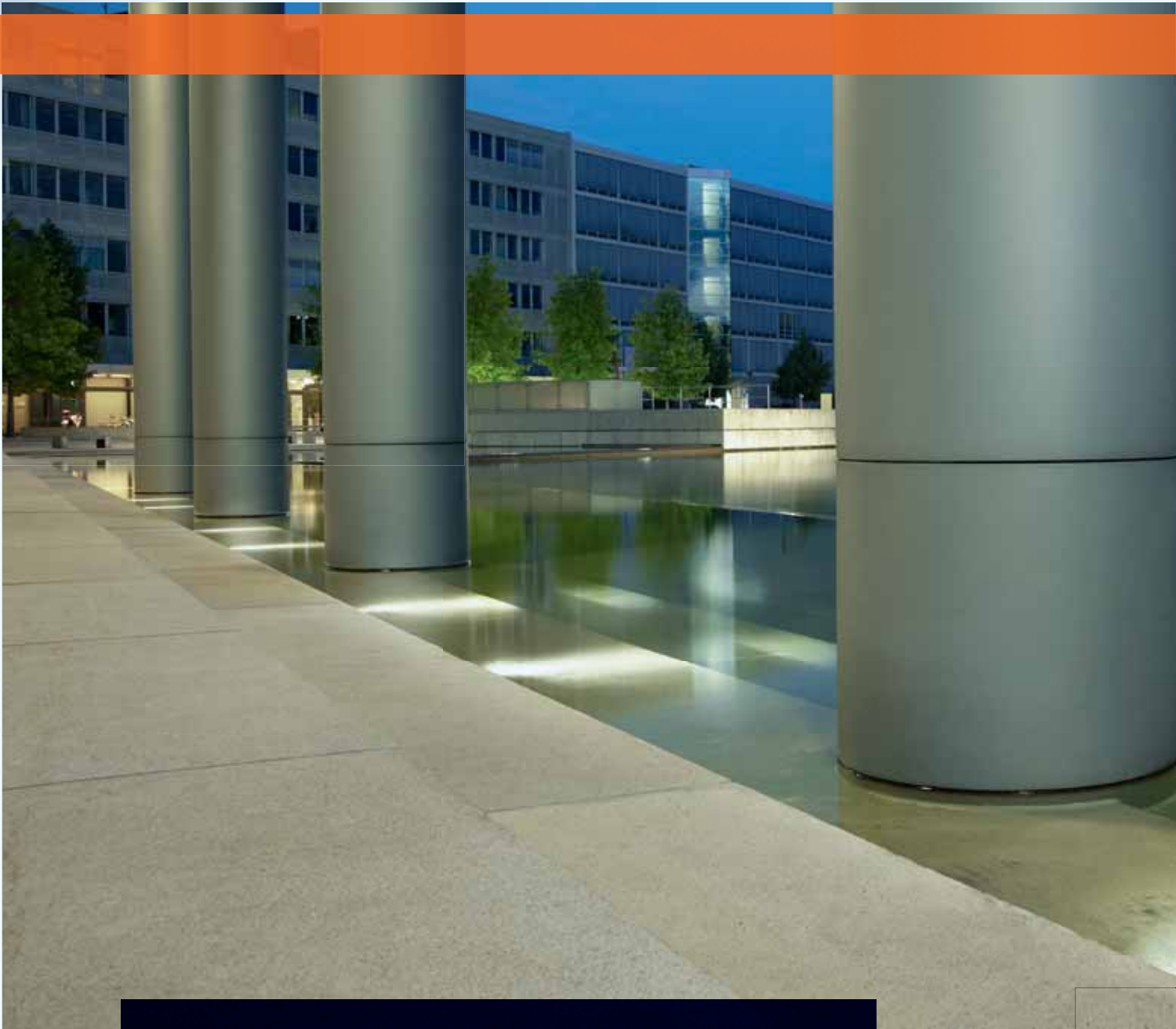
Protective shield SATURNO II DS

Product reference



Accessories for SATURNO II C

Protective grid SATURNO II DS	4008321447944	1x1
Anti-glare shield SATURNO II DS	4008321447951	1x1
Protective shield SATURNO II DS	4008321447968	1x1



Orientation & Effect Lighting



“Light to guide us.”

As soon as it gets dark outside, artificial light can do much more than just illuminate a particular area. With orientation and effect luminaires from OSRAM, there are so many different ways to create accent lighting, help people find their way around and highlight architectural details. The growing portfolio of OSRAM luminaires for these applications can be used in many different locations, such as footpaths and city squares, gardens and pedestrian zones. These luminaires meet the high quality standards that are typical of all OSRAM products. That way, trouble-free outdoor installations can be easily created.

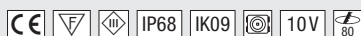


AQUALED®. Atmosphere and orientation made easy.

AQUALED®

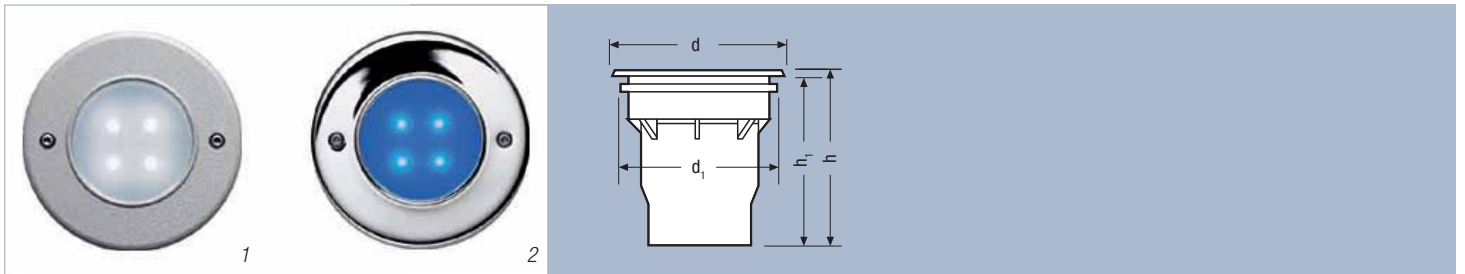
Thanks to its elegant design, durability and application versatility, the AQUALED® decoration and orientation luminaire is the ideal recessed luminaire for gardens and swimming pools, as well as for living rooms and bathrooms. With its four blue or white LEDs, it creates an atmosphere of sheer elegance to match its surroundings – indoors as well as outdoors.

FEATURES AND BENEFITS:



- High-quality effect and orientation luminaire for indoor or outdoor use
- Fixing ring available in chrome, granite look or stainless steel
- Chrome and granite versions primarily for indoors, stainless steel for outdoors
- Operated with OSRAM OT 6/200-240/10 or OSRAM OT 12/230-240/10 (not included)
- Maximum of 24 AQUALED® units or 8 m power cable in series
- AQUALED® equipped with high-quality OSRAM TOPLED white or blue





Product reference												
	EAN	COLOR			W	d (mm)	d1 (mm)	h (mm)	h1 (mm)			No.
AQUALED® white												
47005-70	4050300160580	GRANITE	WHITE	4	0.4	88	80	85	83	240	4x1	1
47005-71	4050300160603	CHROME	WHITE	4	0.4	88	80	85	83	240	4x1	1
47005-74	4008321100276	STAINLESS STEEL	WHITE	4	0.4	88	80	85	83	240	4x1	1
AQUALED® blue												
47005-72	4050300160566	GRANITE	BLUE	4	0.5	88	80	85	83	240	4x1	2
47005-73	4050300160627	CHROME	BLUE	4	0.5	88	80	85	83	240	4x1	2
47005-75	4008321100290	STAINLESS STEEL	BLUE	4	0.5	88	80	85	83	240	4x1	2

Accessories on p. 56

TEMPLA® LED. Geometric design for maximum stability.

FEATURES AND BENEFITS:

CE

V

⊕

✓

IP67

IK10

220-240V

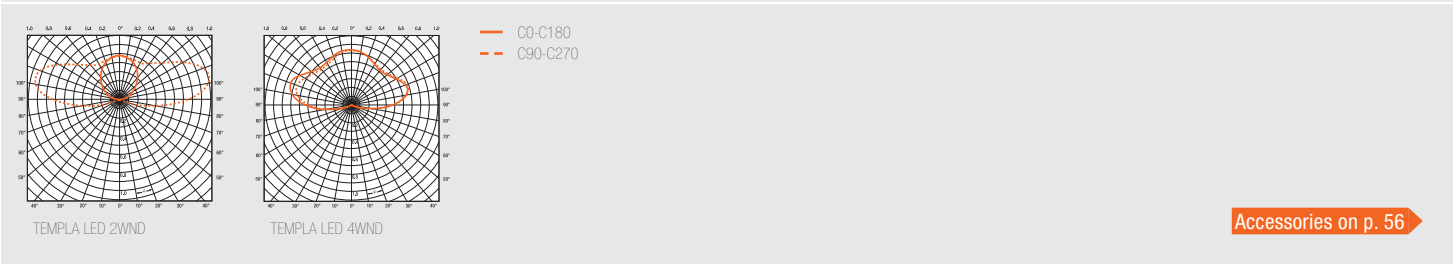
50-60 Hz

- Aesthetic yet tough orientation luminaire made from powder-coated die-cast aluminum
- Long-term IP protection thanks to neoprene gaskets
- Maintainable LED luminaire thanks to retrofit solution
- Armored – can take loads of up to 2000 kg
- 3 casing versions with 4, 2 or 1 light outlet

- All screws are made of stainless steel
- Diffuser made of UV-stabilized PC
- Available in black (RAL 9011) and forge-gray
- Optional ground mounting kit



Product reference													
TEMPLA® LED													
TEMPLA LED 1WND BK	4008321983763		BLACK	3	220-240	50-60	300	280	190	60	6490	1x1	3
TEMPLA LED 2WND BK	4008321983770		BLACK	3	220-240	50-60	300	280	190	60	6260	1x1	2
TEMPLA LED 4WND BK	4008321983787		BLACK	3	220-240	50-60	300	280	190	60	5860	1x1	1
TEMPLA LED 1WND CD	4008321983794		FORGE-GRAY	3	220-240	50-60	300	280	190	60	6490	1x1	3
TEMPLA LED 2WND CD	4008321983800		FORGE-GRAY	3	220-240	50-60	300	280	190	60	6260	1x1	2
TEMPLA LED 4WND CD	4008321983817		FORGE-GRAY	3	220-240	50-60	300	280	190	60	5860	1x1	1

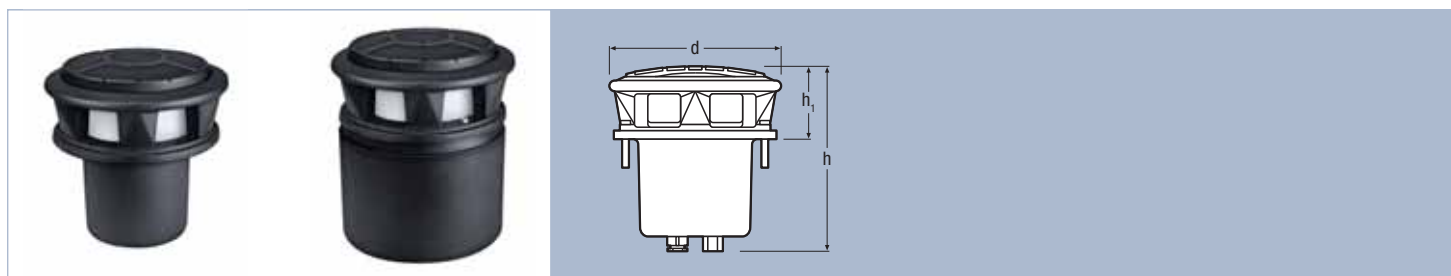


F-40 LED. Designed to withstand the elements.

FEATURES AND BENEFITS:



- Extremely tough orientation luminaire made of powder-coated cast iron
- Long-term IP protection thanks to neoprene gaskets
- Maintainable LED luminaire thanks to retrofit solution
- Armored – can take loads of up to 4000 kg
- All screws are made of stainless steel
- Diffuser made of non-yellowing PMMA
- Available in black (RAL 9011) and forge-gray
- Includes ground mounting kit

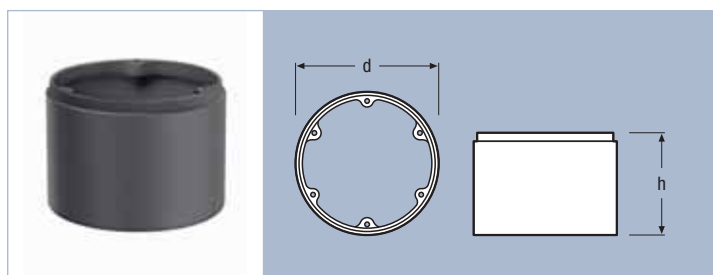
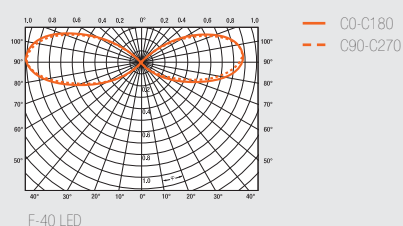


Product reference



F-40 LED

F-40 LED BK VS1	4008321983725	BLACK	3	220-240	50-60	270	293	114	19000	1x1
F-40 LED CD VS1	4008321983732	FORGE-GRAY	3	220-240	50-60	270	293	114	19000	1x1



Product reference



Accessories for F-40 LED

F-43 BK TUBE FOR F-40 LED	4008321983749	BLACK	252	180	8000	1x1
F-43 CD TUBE FOR F-40 LED	4008321983756	FORGE-GRAY	252	180	8000	1x1

HYDROSTAR® II. A sight to see, even under water.

FEATURES AND BENEFITS:

- Compact spotlight for outdoor (IP54) or underwater (IP68) use
- Corrosion-resistant body made of powder-coated die-cast aluminum
- All screws are made of stainless steel or brass
- Cover made of hardened glass with durable silicone gasket
- Cable penetration with PG13,5 threaded connection
- Available in black and light-gray (RAL 9006)
- IP68 version with base for underwater mounting
- IP54 version with ground spike

CE

V

⊕

ⓧ

IP54

220-240V

50-60 Hz

CE

V

⊕

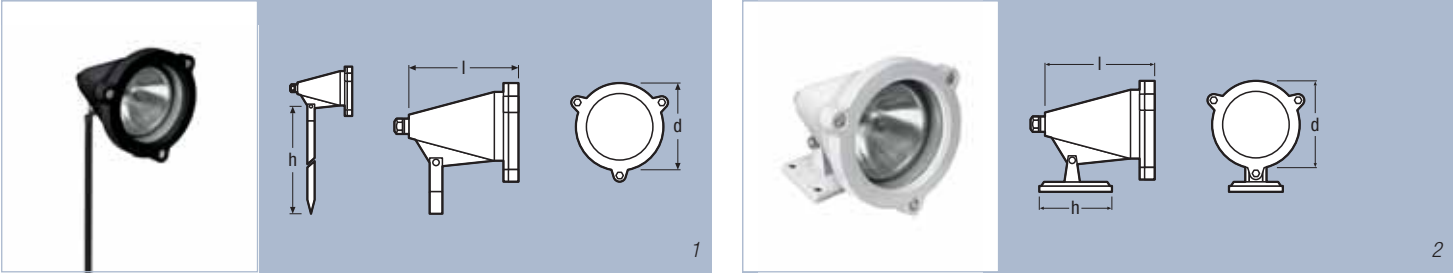
ⓧ

IP68

12V

1

2



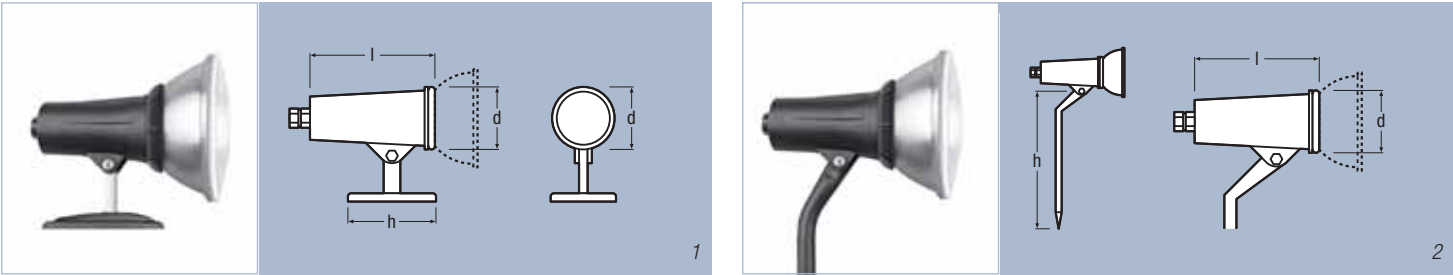
Product reference												
HYDROSTAR® II												
HYDROSTAR II IP54	4008321 606075	BLACK	max. 75	230	E27	223	480	175	480	5250	2x1	1
HYDROSTAR II IP68	4008321 606099	LIGHT-GRAY	max. 100	12	G53	218	100	174	100	4560	2x1	2

GREENSPOT. Adding elegance to footpaths and flower beds.

FEATURES AND BENEFITS:

CE V E L x IP55 220-240V 50-60 Hz

- Compact PAR38 spotlight for outdoor use with base or ground spike, 2 models:
 - GREENSPOT S: with spike for ground fixing
 - GREENSPOT B: with baseplate, screw fixing
- Corrosion-resistant body made of powder-coated die-cast aluminum
- All screws are made of stainless steel
- Ready for use – supplied with 1.5 m cable with plug
- Available in black (RAL 9011)



Product reference											
GREENSPOT											
GREENSPOT-B E27	4008321604989	BLACK	max. 75	230	E27	123	78	107	6220	10x1	1
GREENSPOT-S E27	4008321605009	BLACK	max. 75	230	E27	123	78	248	7200	10x1	2

DRAGONeye®. Directs attention to the important things.

FEATURES AND BENEFITS:

- Narrow beam angle allows use as a spot source
- Metal casing for optimal heat removal
- Integrated M10-x-1.5 thread for easy installation
- Type of protection IP65 according to DIN EN 60529

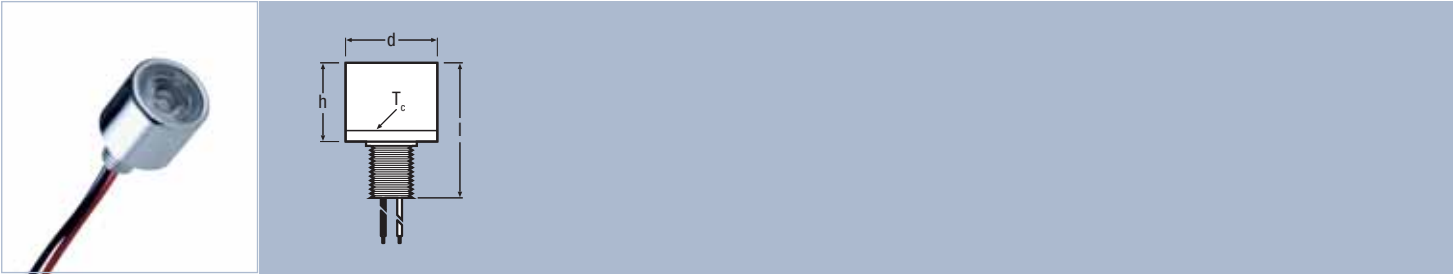
CE

V

IP43 (CCG)

IP65 (Opt.)

- The modules can only be connected in series
- Dimmable by pulse width modulation (PWM)
- Integrated cable (500 mm)
- Excellent energy efficiency in connection with OSRAM OPTOTRONIC® control gear



Product reference

DRAGONeye®

COLOR

I [mA]

W

K

cd

DE1-W4F-854	4008321364999	WHITE	1	350	1.2	15	5400	23	33	20	650	6x44
DE1-W4F-830	4008321981035	WHITE	1	350	1.2	15	3000	23	33	20	485	6x44

C0-C180

C90-C270

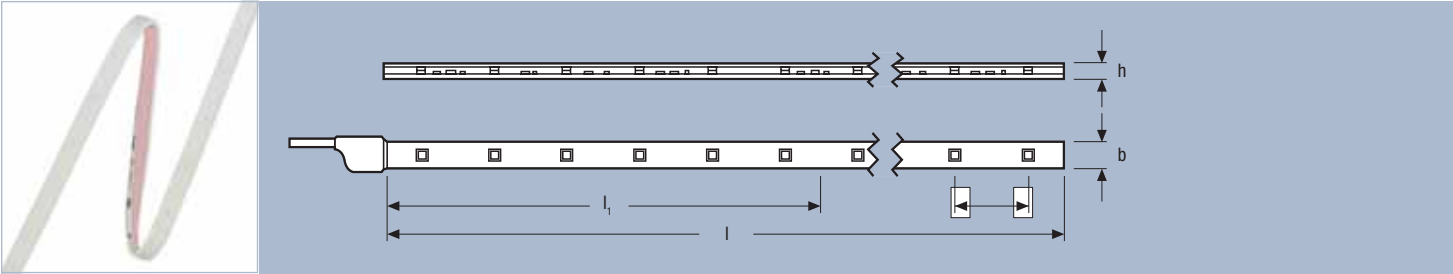
DRAGONeye

LINEARlight POWER Flex Protect.

FEATURES AND BENEFITS:



- For outdoor applications, fulfills IP67
 - High-performance silicone for extremely long lifetime and flexibility
 - Easy mounting and connection
 - Elegant, slim design
 - Self-adhesive backing for easy installation
 - Easy connection thanks to pre-mounted connectors
- Further connection options with the optional CONNECTsystem LF-xx Protect
 - Excellent UV resistance
 - Very bright with up to 1200 lm/m
 - White versions with 2700 K, 3000 K, 4000 K and 5400 K
 - Compact power for edge injection and backlighting
 - Applications: marine, wall integration, machine lighting, path lighting, signage, hospitality and spa

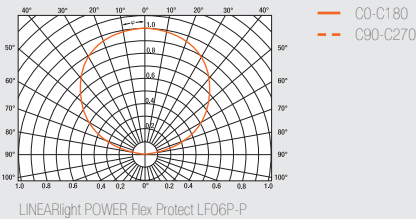


Product reference



LINEARlight POWER Flex Protect
LF06P-P

LF06P-W4F-827-P	4008321621894	WHITE	120	24	72	3	120	–	2700	2880	3000	150	11	4.5	25	8
LF06P-W4F-830-P	4008321621870	WHITE	120	24	72	3	120	–	3000	2880	3000	150	11	4.5	25	8
LF06P-W4F-840-P	4008321621856	WHITE	120	24	72	3	120	–	4000	3650	3000	150	11	4.5	25	8
LF06P-W4F-854-P	4008321621917	WHITE	120	24	72	3	120	–	5400	3650	3000	150	11	4.5	25	8



LINEARlight Flex® Protect. Outstanding properties.

FEATURES AND BENEFITS:

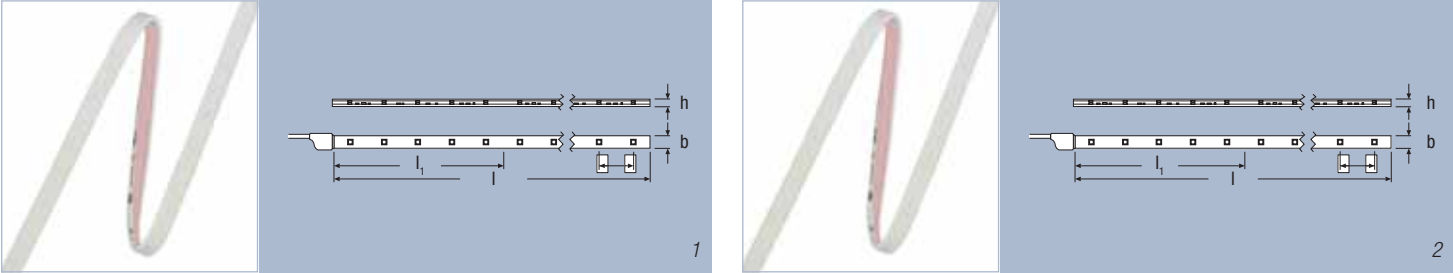
CE

IP67

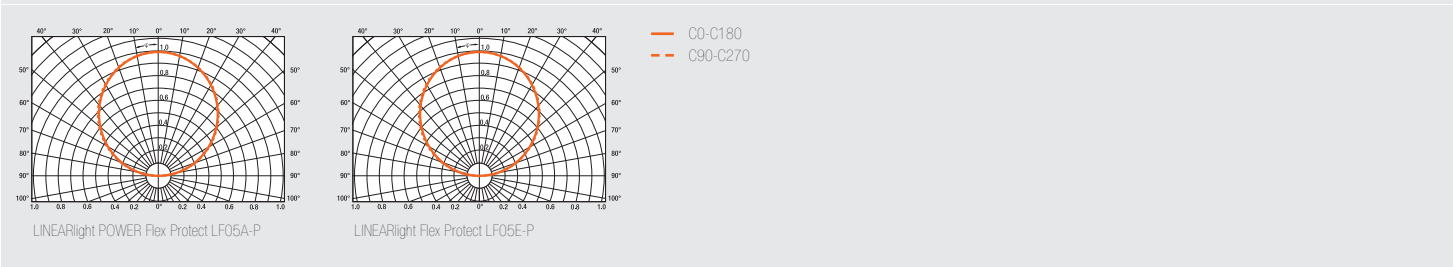
350 mA

- For outdoor applications, fulfills IP67
- High-performance silicone for extremely long lifetime and flexibility
- Easy mounting and connection
- Elegant, slim design
- Self-adhesive backing for easy installation
- Easy connection thanks to pre-mounted connectors
- Further connection options with the optional CONNECTSystem LF-xx Protect

- Excellent UV resistance
- Suitable for marine, wall integration, machine and path lighting
- White versions with 3000 K, 4000 K and 6000 K
- Colored RGB modules
- Beam angle 120°
- Applications: marine, wall integration, machine lighting, path lighting, signage, hospitality and spa



Product reference																		
LINEARlight POWER Flex® Protect																		
LF05A-P																		
LF05A-W3F-830-P	4008321617217	WHITE	495	24	72	3	120	—	3000	2100	9900	100	11	4.5	20	8	1	
LF05A-W3F-840-P	4008321619266	WHITE	495	24	72	3	120	—	4000	2700	9900	100	11	4.5	20	8	1	
LF05A-W3F-860-P	4008321617392	WHITE	495	24	72	3	120	—	6000	2100	9900	100	11	4.5	20	8	1	
LF05A-B3-P	4008321617804	BLUE	495	24	72	3	120	467	—	840	9900	100	11	4.5	20	8	1	
LINEARlight Flex® Protect																		
LF05E-P																		
LF05E-W2F-830-P	4008321616432	WHITE	200	24	24.5	1	120	—	3000	765	6000	150	11	4.5	30	8	2	
LF05E-W2F-840-P	4008321621184	WHITE	200	24	24.5	1	120	—	4000	940	6000	150	11	4.5	30	8	2	
LF05E-W2F-860-P	4008321616777	WHITE	200	24	24.5	1	120	—	6000	765	6000	150	11	4.5	30	8	2	
LF05E-R1-P	4008321616937	RED	200	24	36	1.5	120	625	—	840	6000	150	11	4.5	30	8	2	
LF05E-Y1-P	4008321616975	YELLOW	200	24	36	1.5	120	587	—	840	6000	150	11	4.5	30	8	2	
LF05E-T2-P	4008321616951	GREEN	200	24	24.5	1	120	522	—	940	6000	150	11	4.5	30	8	2	
LF05E-B2-P	4008321616913	BLUE	200	24	24.5	1	120	467	—	290	6000	150	11	4.5	30	8	2	

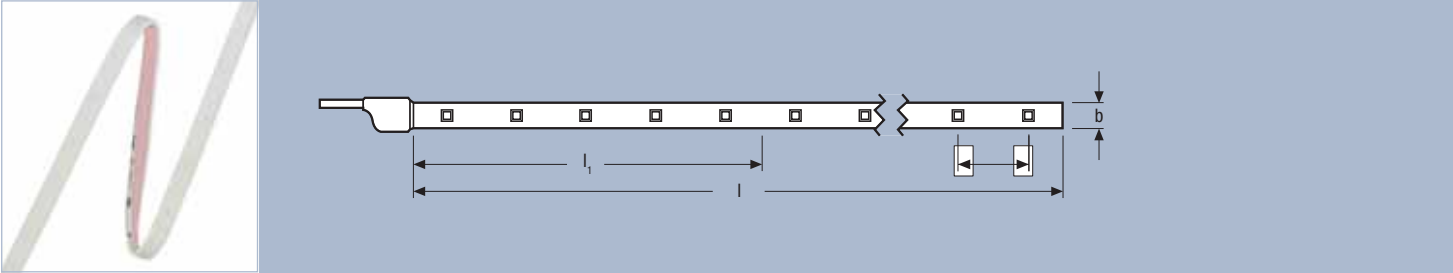


LINEARlight Colormix Flex Protect.

FEATURES AND BENEFITS:



- For outdoor applications, fulfills IP67
 - High-performance silicone for extremely long lifetime and flexibility
 - Easy mounting and connection
 - Elegant, slim design
 - Self-adhesive backing for easy installation
- Easy connection thanks to pre-mounted connectors
 - Further connection options with the optional CONNECTsystem LF-xx Protect
 - Excellent UV resistance
 - Applications: marine, wall integration, machine lighting, path lighting, signage, hospitality and spa



Product reference



LINEARlight Colormix Flex Protect
LF05CA-P and LF05CE-P

LF05CA-RGB3-P	4008321977205	RGB	200	24	72	3	120	–	RGB	1700	4000	100	11	20	8
LF05CE-RGB1-P	4008321977182	RGB	200	24	39	3	120	–	RGB	1075	4000	100	11	20	8

Accessories Orientation & Effect Lighting.

Accessory for TEMPLA® LED



Ground mounting kit for TEMPLA® LED

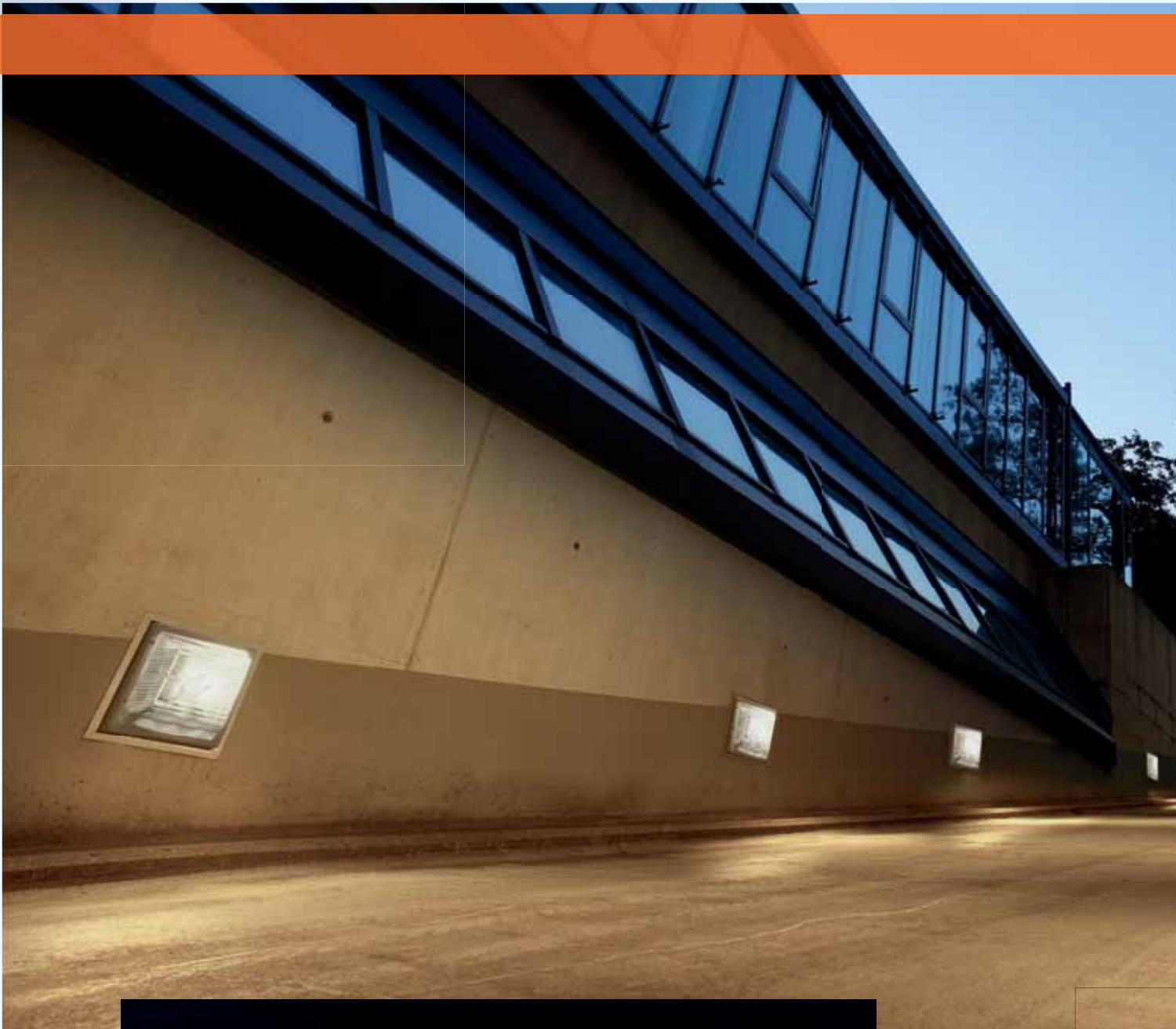
Accessories for AQUALED®



OT 6/200-240/10OT 12/230-240/10

Product reference							
Accessories for AQUALED®							
OT 6/200-240/10	4008321113306	200-240	51	50	22	73	20x1
OT 12/230-240/10	4050300609232	230-240	109	50	35	92.5	20x1
Accessory for TEMPLA® LED							
Ground mounting kit for TEMPLA LED	4008321983824	—	300	300	160	1240	1x1

Dimensions and weight apply to the single product and not the packaging unit.



Ceiling & Wall Lighting



“Beauty is more than skin deep.”

Places where reliable, robust and weather-resistant light fittings are needed can be found almost anywhere you look – on façades, in stairwells and passageways, in courtyard entrances and doorways, under canopies and in open-air car parks. Ceiling and wall-mounted luminaires from OSRAM are the perfect choice for homeowners, building contractors, property management and owner’s associations who want functional lighting at the point where the outside and inside of private or public buildings meet. These attractive luminaires provide a high level of security. Good visibility at night not only protects against accidents but also deters potential perpetrators.



APPLICA®. All good things come in threes.

APPLICA®

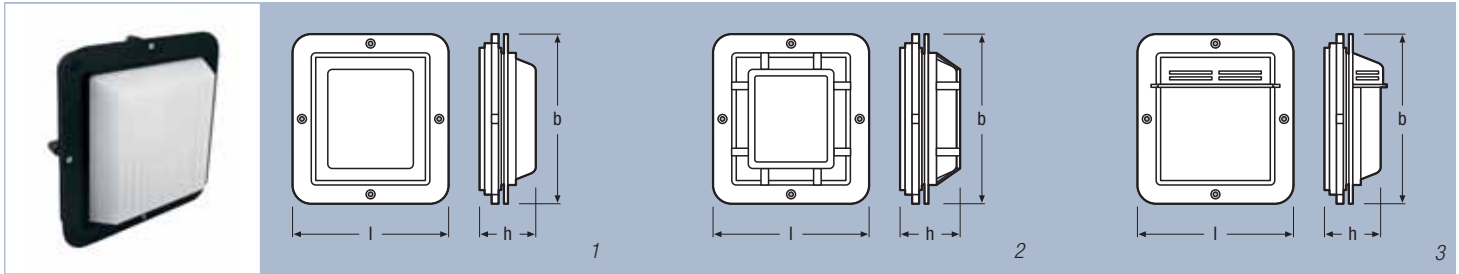
The frame of this robust luminaire makes all the difference. Inside, all three models are identical. It is the frame that offers different design options. The luminaires are corrosion-resistant and highly impact-resistant and stable thanks to their robust frame.

FEATURES AND BENEFITS:

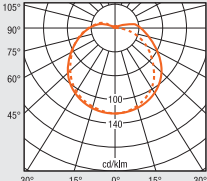
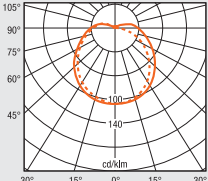
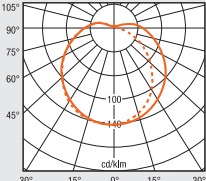
CE V E L IP55 220-240V 50-60Hz

- Three different designs – eyelid, grid and free-diffuser design
- Reflector plate for good luminous efficacy
- Corrosion-resistant, powder-coated body made from sheet steel and die-cast aluminum
- All screws are made of stainless steel
- Diffuser made of non-yellowing, impact-resistant polycarbonate
- Available in black (RAL 9011)
- For outdoor and indoor use
- Decorative lighting, e.g. for buildings, entrance areas, terraces and car parks





Product reference											
											
APPLICA®											
APPLICA-F (Flat)	4008321606150	BLACK	max.24	220-240	50-60	E27	300	318	110	2x1	1
APPLICA-G (Grid)	4008321606174	BLACK	max.24	220-240	50-60	E27	300	318	100	2x1	2
APPLICA-E (Eyelid)	4008321606198	BLACK	max.24	220-240	50-60	E27	300	318	115	2x1	3

 APPLICA-F	 APPLICA-G	 APPLICA-E	— C0-C180 — C90-C270
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QUADROLA®. A real hard worker.

FEATURES AND BENEFITS:

- Vandal-proof and corrosion-resistant wall luminaire
- Reflector plate for good luminous efficacy
- Powder-coated body made from sheet steel, frame made from die-cast aluminum
- All screws are made of stainless steel
- Diffuser made of non-yellowing, impact-resistant polycarbonate
- Available for compact fluorescent lamps and sodium vapor lamps
- Available in black (RAL 9011) and white (RAL 9016)
- For outdoor and indoor use

CE

✓

⊕

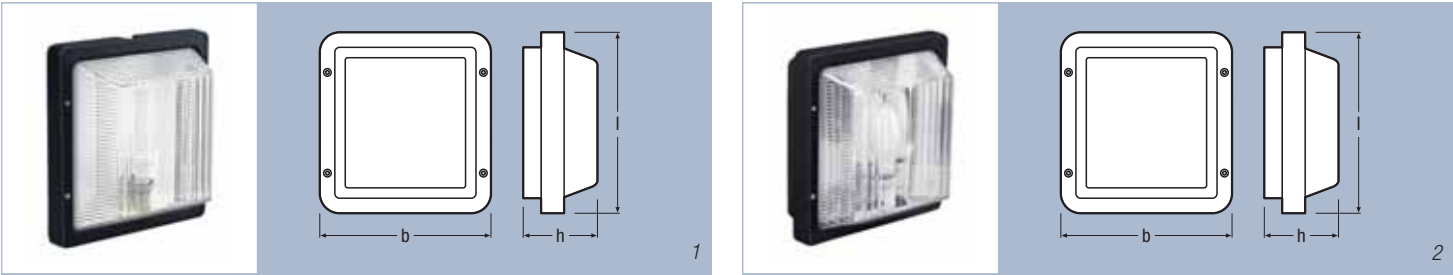
IP55

IK10

⚡

220-240 V

50-60 Hz



Product reference			COLOR	W	V	Hz						
QUADROLA®												
QUADROLA CFL BK	4008321605092		BLACK	max. 24	220-240	50-60	E27	308	292	128	2x1	1
QUADROLA CFL CD	4008321605139		WHITE	max. 24	220-240	50-60	E27	308	292	128	2x1	1
QUADROLA NAV BK	4008321605115		BLACK	70	230	50	E27	308	292	160	2x1	2
QUADROLA NAV CD	4008321605153		WHITE	70	230	50	E27	308	292	160	2x1	2

QUADROLA CFL

QUADROLA NAV

— C0-C180

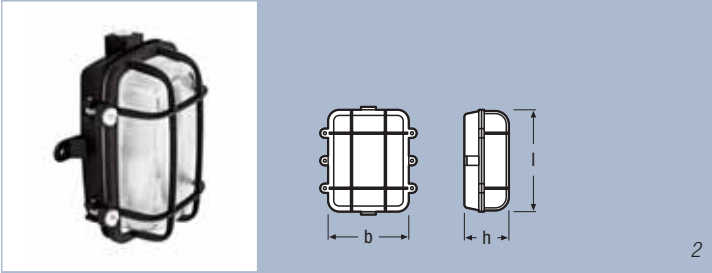
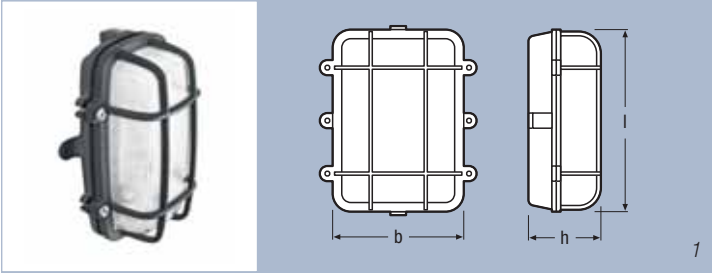
- - - C90-C270

TARTUGA®. Attractive retro design for outdoor use.

FEATURES AND BENEFITS:



- Corrosion-resistant wall luminaire
- Attractive retro design to match the ORTASA® bollard light – for aesthetically harmonious installations
- Powder-coated body and die-cast aluminum grid
- Stainless steel screws
- Two cable glands with M16 threads for series installation/through-wiring
- Pressed glass diffuser with durable silicone gasket
- Available in black (RAL 9011) and forge-gray
- Small (S) and large (L) versions
- For outdoor and indoor use

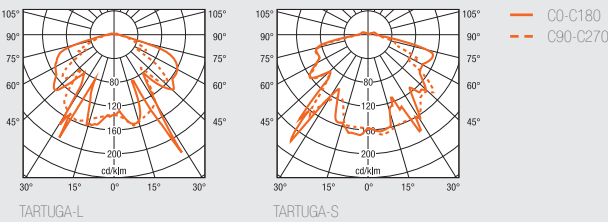


Product reference



TARTUGA®

TARTUGA-L BK	4008321605177	BLACK	max. 52	230	50	E27	277	147	122	4x1	1
TARTUGA-L CD	4008321605191	FORGE-GRAY	max. 52	230	50	E27	277	147	122	4x1	1
TARTUGA-S BK	4008321605214	BLACK	max. 52	230	50	E27	198	114	99	4x1	2
TARTUGA-S CD	4008321605252	FORGE-GRAY	max. 52	230	50	E27	198	114	99	4x1	2



LUMILUX BRIK®. Small size, small consumption.

FEATURES AND BENEFITS:

- Slim, splash-proof wall and ceiling batten luminaire
- Supplied with OSRAM electronic control gear
- Equipped with OSRAM LUMILUX® T5 840 fluorescent lamp
- Plastic casing with stainless screws
- Prismatic lamp cover for soft, glare-free light
- Wattages: 8W, 13W
- Available in gray
- For outdoor and indoor use

CE

IP54

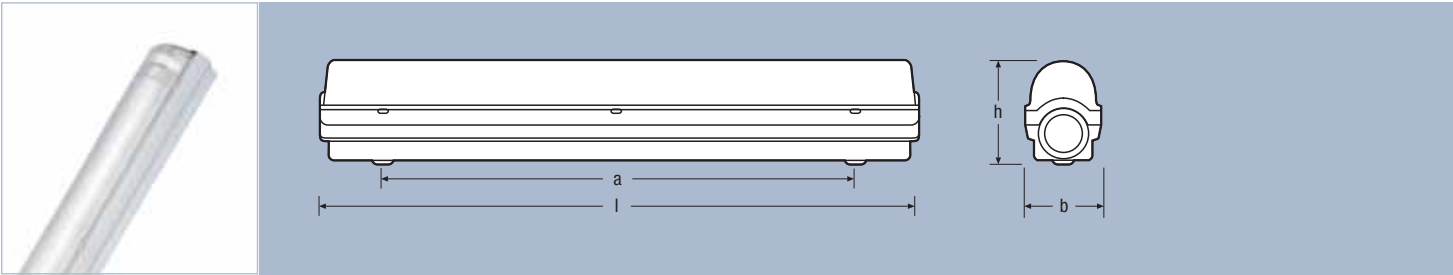
850 °C

IK03

230V

50–60 Hz

η_{L8} 0.69



Product reference			COLOR	W	V	Hz			K	lm					
LUMILUX BRIK®															
LUMILUX BRIK EL 8W	4050300440880	GRAY	8	220–240	50–60	G5	840	4000	430	330	42	58	260	4x1	
LUMILUX BRIK EL 13W	4050300440903	GRAY	13	220–240	50–60	G5	840	4000	970	560	42	58	400	4x1	

LUMILUX BRIK EL 8W

LUMILUX BRIK EL 13W

C0-C180

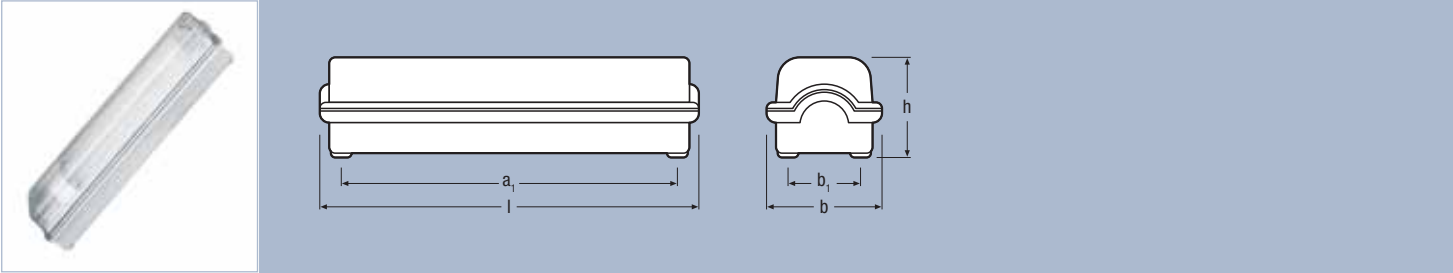
C90-C270

DULUX BRIK® EL. Well protected in any weather.

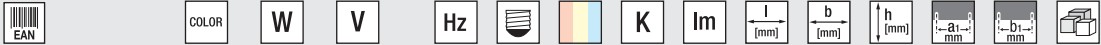
FEATURES AND BENEFITS:



- Compact, splash-proof wall and ceiling luminaire
- Supplied with OSRAM electronic control gear and integrated lampholder
- Equipped with OSRAM DULUX® S/E 840 compact fluorescent lamp
- Plastic casing with stainless screws
- Prismatic lamp cover for soft, glare-free light
- Wattages: 9 W, 11 W
- Available in gray
- For outdoor and indoor use

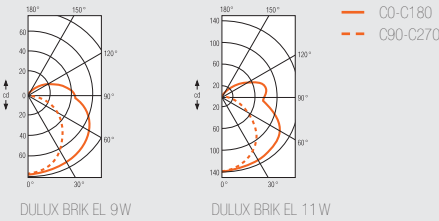


Product reference



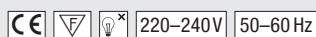
DULUX BRIK® EL

DULUX BRIK EL 9W	4050300440927	GRAY	9	220–240	50–60	2G7	840	4000	600	224	68	58	200	44	4x1
DULUX BRIK EL 11W	4050300440941	GRAY	11	220–240	50–60	2G7	840	4000	900	294	68	58	270	44	4x1



BULKHEAD. Four shapes, many options.

FEATURES AND BENEFITS:



BULKHEAD

- Growing line of functional wall and ceiling lights for outdoor use
- Easy installation
- Durable, reliable products thanks to e.g. ceramic lampholder
- Garages, garden sheds
- Stairwells
- Carports

Oval

- Thermoplastic resin casing and grid
- Pressed glass diffuser
- Two versions: small (S) ¹⁾ and large (L)
- Available in black and white



Round

- Glass diffuser cannot fall out during installation
- Thermoplastic resin casing and grid
- Pressed glass diffuser
- Available in black and white



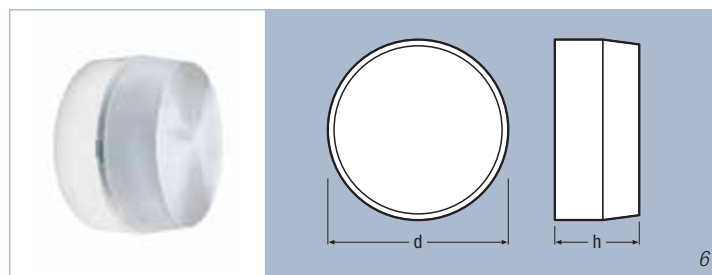
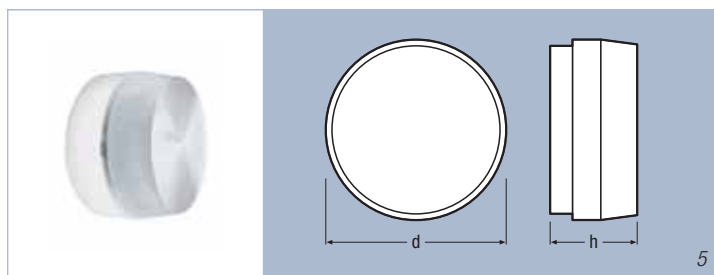
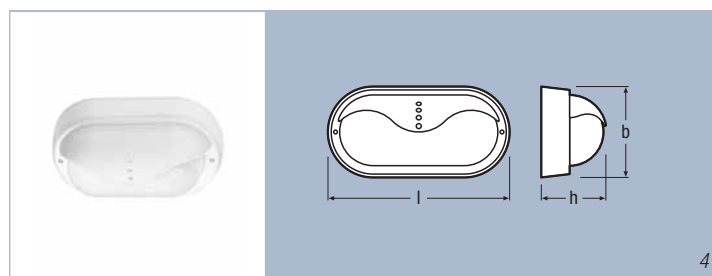
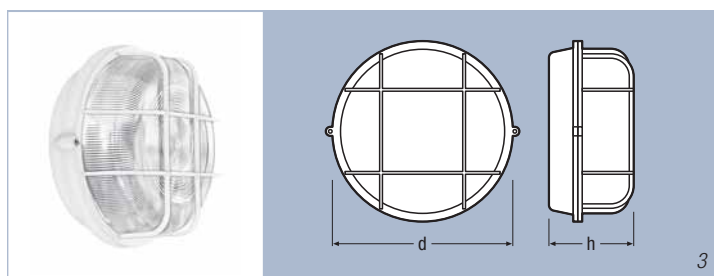
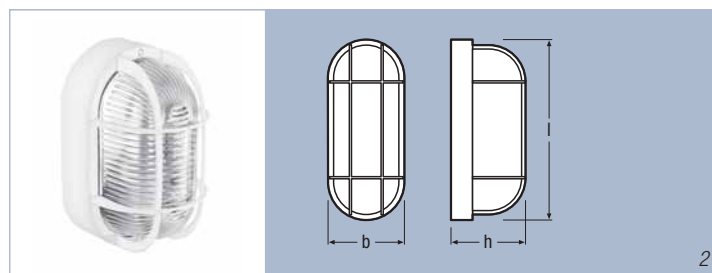
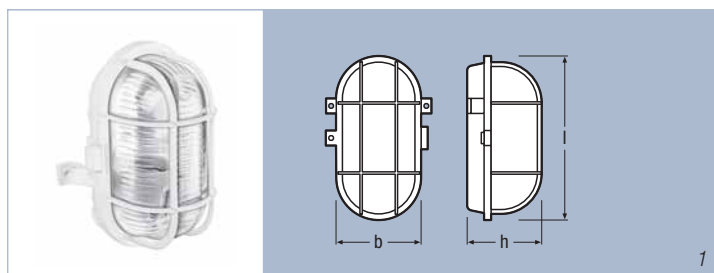
Elliptic

- Glass diffuser cannot fall out during installation
- Thermoplastic resin casing and cover
- Satinized glass diffuser
- Available in black and white



Circular

- No tools required to open it
- Aluminum reflector for better luminous efficacy
- Polypropylene casing, polycarbonate diffuser
- Available in gray



Product reference												
BULKHEAD												
BULKHEAD-OL-S H170 BK	4008321620859	BLACK	max. 52	230	50	E27	170	125	110	—	12x1	1
BULKHEAD-OL-S H170 WT	4008321620873	WHITE	max. 52	230	50	E27	170	125	110	—	12x1	1
BULKHEAD-OL-L H186 BK	4008321615886	BLACK	max. 52	230	50	E27	186	110	108	—	12x1	2
BULKHEAD-OL-L H186 WT	4008321615909	WHITE	max. 52	230	50	E27	186	110	108	—	12x1	2
BULKHEAD-RD BK	4008321612809	BLACK	max. 52	230	50	E27	—	—	105	210	6x1	3
BULKHEAD-RD WT	4008321612847	WHITE	max. 52	230	50	E27	—	—	105	210	6x1	3
BULKHEAD-EC BK	4008321612861	BLACK	max. 52	230	50	E27	232	142	110	—	6x1	4
BULKHEAD-EC WT	4008321612885	WHITE	max. 52	230	50	E27	232	142	110	—	6x1	4
BULKHEAD-CR GR 28W	4008321606129	GRAY	max. 52	230	50	E27	—	—	107	180	6x1	5
BULKHEAD-CR GR 52W	4008321606143	GRAY	max. 52	230	50	E27	—	—	122	230	6x1	6



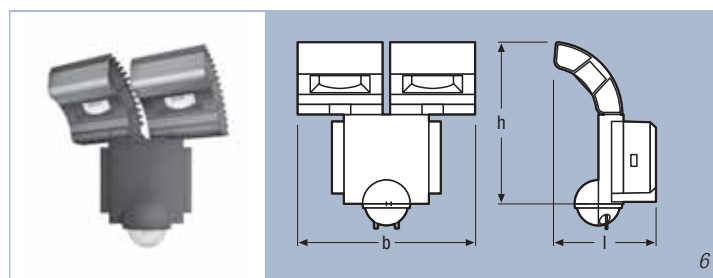
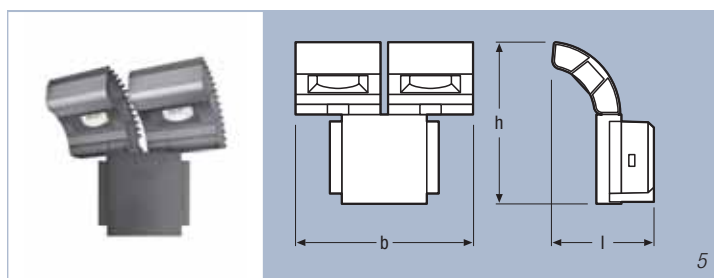
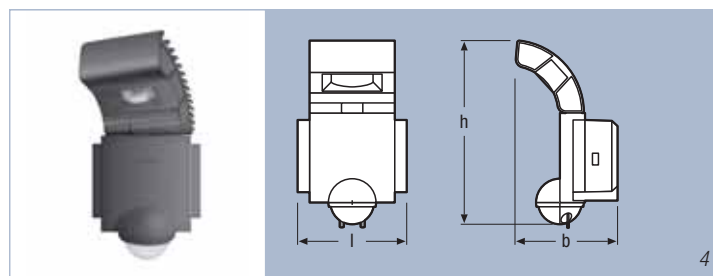
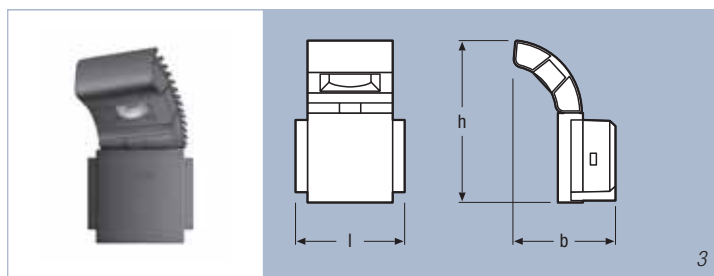
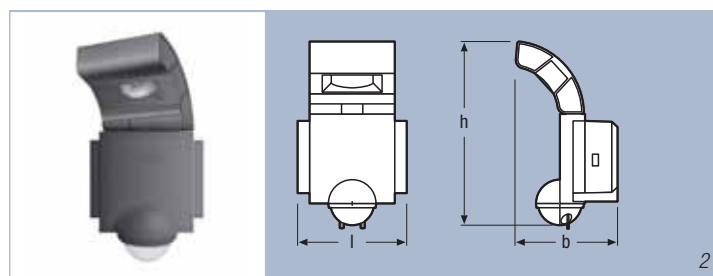
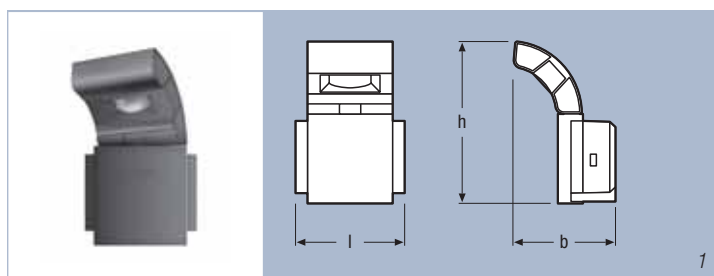
NOXLITE® LED SPOT. Strong light, easy installation.

FEATURES AND BENEFITS:






- Very bright and functional outdoor LED luminaires
- High-power LEDs and high luminous flux
- Sensor versions
- Easy installation
- Compact and lightweight
- Adjustable on-time
- Adjustable head



Product reference



NOXLITE® LED SPOT

Product reference	EAN	COLOR	t [h]	W	lm	h [mm]	b [mm]	l [mm]	K	°	Mounting	Packaging	No.
NOXLITE LED SPOT 6W	4008321960931	GRAY	30000 ¹⁾	6	290	141	90	88	6000	60	1	4	1
NOXLITE LED SPOT 6W Sensor	4008321960948	GRAY	30000 ¹⁾	6	290	160	90	88	6000	60	1	4	2
NOXLITE LED SPOT 8W	4008321960955	GRAY	30000 ¹⁾	8	430	141	90	88	6000	60	1	4	3
NOXLITE LED SPOT 8W Sensor	4008321960962	GRAY	30000 ¹⁾	8	430	160	90	88	6000	60	1	4	4
NOXLITE LED SPOT 2x8W	4008321981981	GRAY	30000 ¹⁾	2x8	860	160	180	88	6000	60	1	4	5
NOXLITE LED SPOT 2x8W Sensor	4008321981998	GRAY	30000 ¹⁾	2x8	860	180	180	88	6000	60	1	4	6

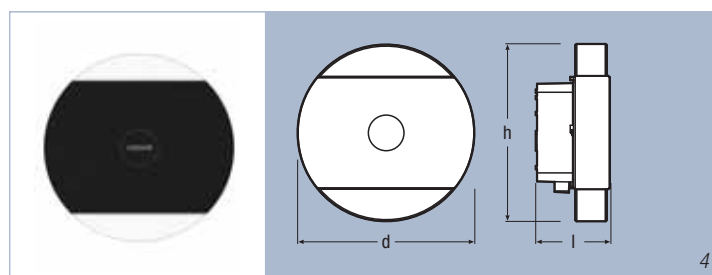
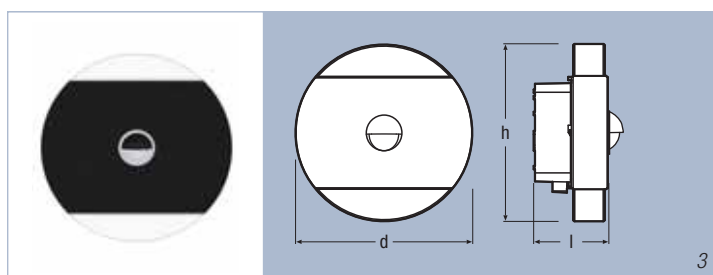
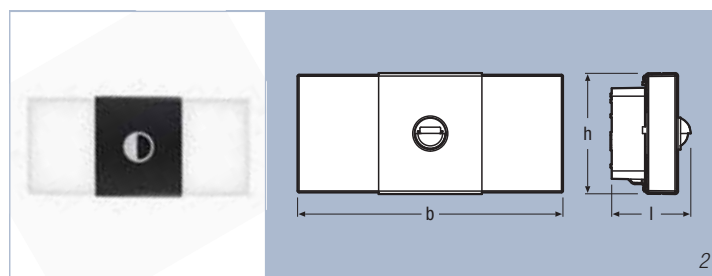
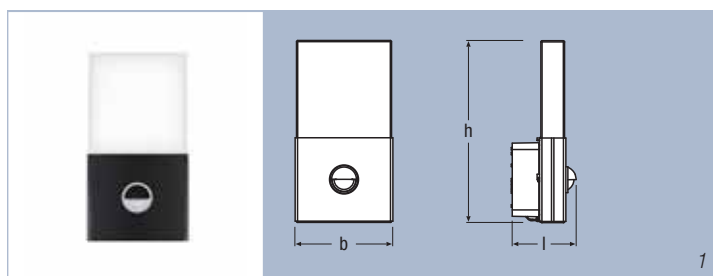
¹⁾ Average life if used for 2.7 hours per day

NOXLITE® LED WALL. Impressive design, innovative technology.

FEATURES AND BENEFITS:



- Intelligent and particularly elegant outdoor LED luminaires
- High-power LEDs
- Elegant design
- Sensor versions
- Easy installation
- Compact and lightweight
- Adjustable on-time



Product reference



NOXLITE® LED WALL

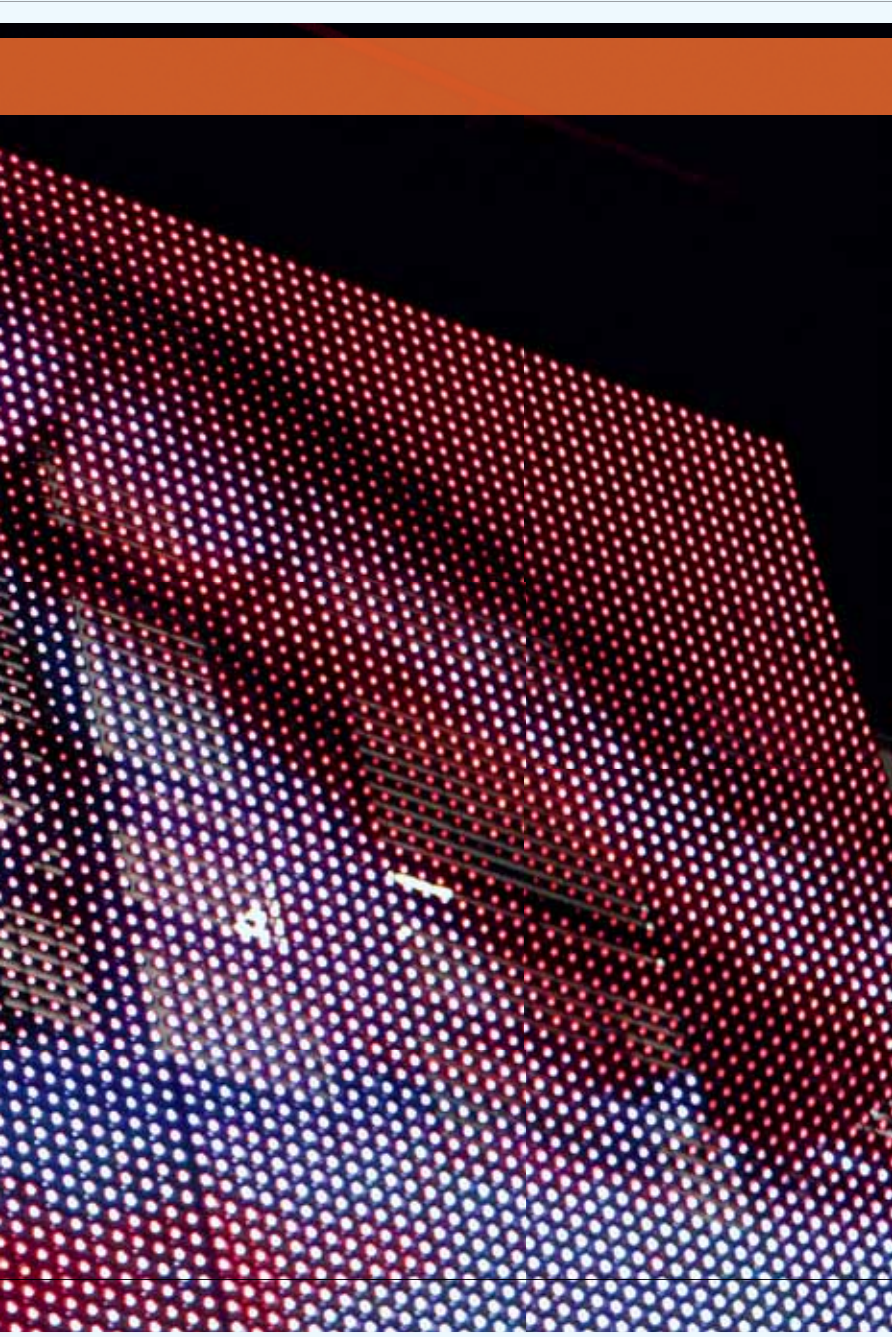
NOXLITE LED WALL Single Sensor	4008321960979	GRAY	30000 ¹⁾ 6	210	229	123	82	—	6000	120	1	4	1
NOXLITE LED WALL Double Sensor	4008321960986	GRAY	30000 ¹⁾ 2x6	460	123	270	82	—	6000	140	1	4	2
NOXLITE LED WALL Round Sensor	4008321980519	GRAY	30000 ¹⁾ 2x6	400	167	—	82	167	6000	—	1	4	3
NOXLITE LED WALL Round	4008321982001	GRAY	30000 ¹⁾ 2x6	310	167	—	82	167	3000	—	1	4	4

¹⁾ Average life if used for 2.7 hours per day



Architectural Lighting

traxone:cue



“Light brings buildings to life.”

Good architecture is more than just bricks and mortar. Both indoors and outdoors, the right lighting is becoming increasingly important for making modern and historic buildings more attractive. Sophisticated lighting can highlight façades and architectural details and enhance the visual appeal of buildings, particularly at night. In addition to conventional outdoor luminaires, more and more use is being made of LED technology because it not only saves energy but also because it can be controlled in so many different ways. Innovative LED systems from the OSRAM joint venture Traxon Technologies Ltd. and appropriate lighting controllers from Traxon & e:cue give architectural designers a wide range of new options for RGB and white light installations.



Wallwasher Shield AC XB. Top performance even under extreme conditions.

Wallwasher Shield AC XB

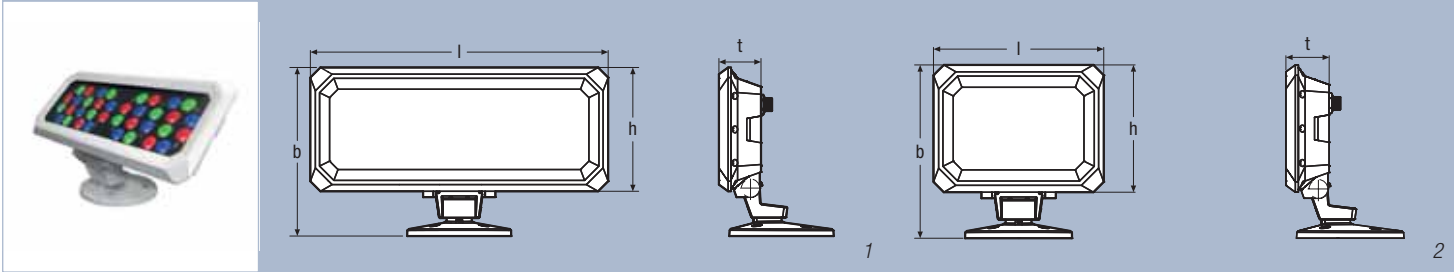
Shield AC XB is the new solution for large-scale architectural lighting. The Shield AC XB series is suitable for outdoor use and can be used both for façade and accent lighting. It provides the basis for high-quality lighting installations with high brilliance. Operation on 230V line voltage enables up to 32 luminaires to be connected in series. The easy plug-&-play system and flexible cable lengths reduce installation effort to a minimum.

FEATURES AND BENEFITS:

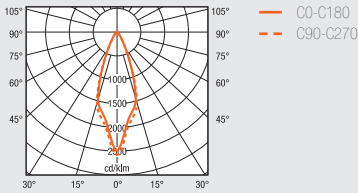


- Reliable heat removal for operation in temperatures of -20 °C to +60 °C
- Suitable for extreme weather conditions: heavy rain, snow and heat
- Built-in heat sensor for additional thermal reliability
- High-quality die-cast aluminum
- Various installation options thanks to adjustable luminaire heads and bases
- Unique design
- Choice of different color combinations: RGB & monochromatic light
- Easy connection and installation
- Operation on line voltage





Product reference													
													
Wallwasher Shield AC XB													
Wall Shield AC XB-18 CW 30deg	4006584668373	WHITE	max. 28	100-240	30	CW	6500	1292	222	255	128	2x1	2
Wall Shield AC XB-36 CW 30deg	4006584668397	WHITE	max. 54	100-240	30	CW	6500	2583	356	255	128	2x1	1
Wall Shield AC XB-18 WW 30deg	4006584668410	WHITE	max. 28	100-240	30	WW	—	573	222	255	128	2x1	2
Wall Shield AC XB-36 WW 30deg	4006584668434	WHITE	max. 54	100-240	30	WW	—	1114	356	255	128	2x1	1
Wall Shield AC XB-18 RGB 30deg	4006584668458	WHITE	max. 28	100-240	30	RGB	2700	832	222	255	128	2x1	2
Wall Shield AC XB-36 RGB 30deg	4006584668472	WHITE	max. 54	100-240	30	RGB	2700	1664	356	255	128	2x1	1



Traxon WW Shield XB 36 CW

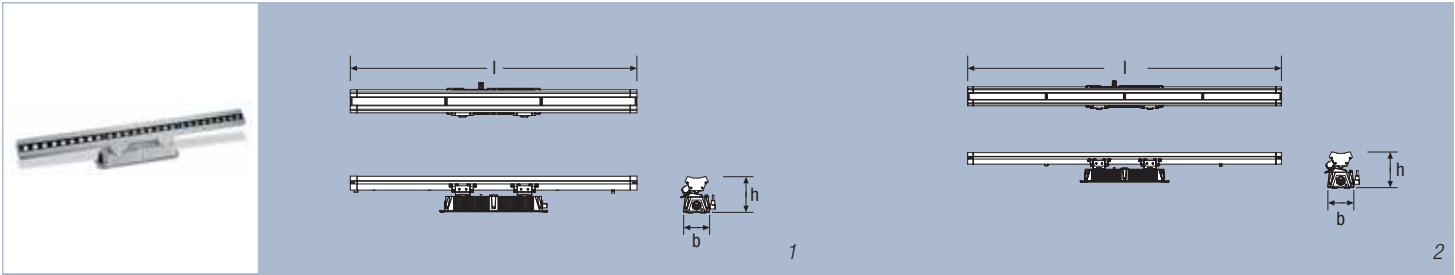
Accessories on p. 76

Liner Shield AC XB. Magnificent light for impressive structures.

FEATURES AND BENEFITS:



- Operated on 230V line voltage
 - Operates up to 300 meters from the power source
 - High-flux LED wall spotlight for large-scale architectural lighting
 - High luminous efficacy and brilliant light for wallwashing effects even over large distances
 - Adjustable luminaire heads and bases
- Flexible installation of base and lamp thanks to removable luminaire head
 - Wide range of colors: RGB, different tones in warm white and cold white
 - Daisy chain topology with combined power and data cable for easy wiring and installation

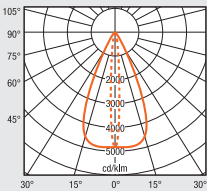


Product reference

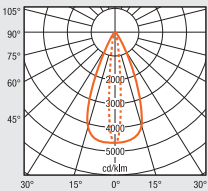


Liner Shield AC XB

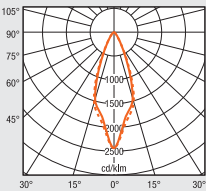
Liner Shield AC XB-27 RGB 40x10deg	4006584 668335	WHITE	max. 28	100–240	40x10	RGB	6500	1909	1048	95	130	2x1	1
Liner Shield AC XB-18 CW 40x10deg	4006584 668496	WHITE	max. 40	100–240	40x10	CW	6500	1909	700	95	130	2x1	2
Liner Shield AC XB-27 CW 40x10deg	4006584 668519	WHITE	max. 53	100–240	40x10	CW	6500	1909	1048	95	130	2x1	1
Liner Shield AC XB-18 WW 40x10deg	4006584 668533	WHITE	max. 28	100–240	40x10	WW	2700–6500	1398	700	95	130	2x1	2
Liner Shield AC XB-27 WW 40x10deg	4006584 668557	WHITE	max. 40	100–240	40x10	WW	2700–6500	1398	1048	95	130	2x1	1



Liner Shield AC XB-18 CW



Liner Shield AC XB-27 CW



Liner Shield AC XB-18 WW

— C0-C180
- - C90-C270

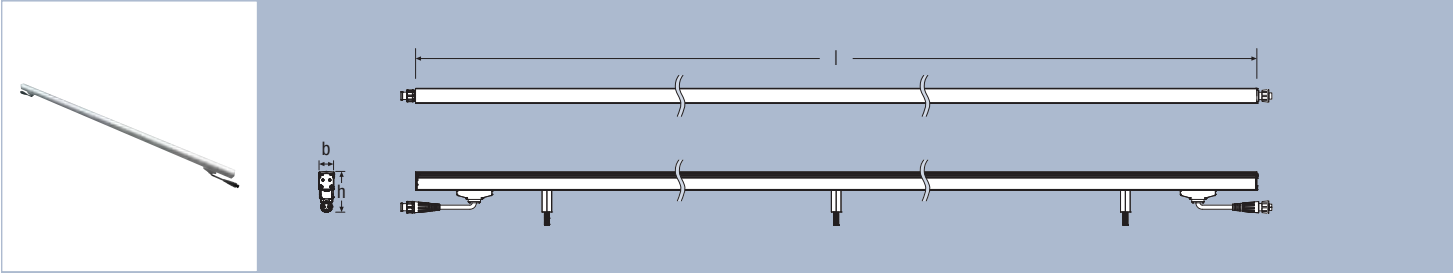
Accessories on p. 76

Monochrome Tube. Highlighting the finer details.

FEATURES AND BENEFITS:



- Interconnection of up to 12 m possible
 - Low energy consumption (7.5W/m per tube)
 - Operating temperature -20 °C to ~ +50 °C
 - UV-resistant
 - Compact and flexible
- Ideal for space-saving installations
 - Easy adaptation to applications of different sizes
 - Suitable for outdoor applications, can also be used under extreme conditions
 - For easy on/off applications without an additional controller

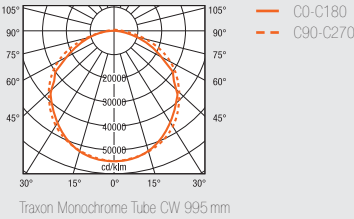


Product reference



Monochrome Tube

Monochrome Tube CW 500mm	4006584670840	METALLIC	max. 3.7	max. 76 mA	48	CW	5500		500	17	20	10x1
Monochrome Tube CW 995mm	4006584670864	METALLIC	max. 7.5	max. 152 mA	48	CW	5500	166.24	995	17	20	10x1
Monochrome Tube CW 1490mm	4006584670888	METALLIC	max. 11	max. 227 mA	48	CW	5500		1490	17	20	10x1
Monochrome Tube WW 500mm	4006584673834	METALLIC	max. 3.7	max. 76 mA	48	WW	2700		500	17	20	10x1
Monochrome Tube WW 995mm	4006584673858	METALLIC	max. 7.5	max. 152 mA	48	WW	2700	149.25	995	17	20	10x1
Monochrome Tube WW 1490mm	4006584673872	METALLIC	max. 11	max. 227 mA	48	WW	2700		1490	17	20	10x1



Accessories on p. 76

Accessories Architectural Lighting.

Accessories Wallwasher and Liner/Monochrome Tube

Product reference				
Accessories for Wallwasher and Liner				
XB Shield AC Data Injector	4006584	676002		2x1
5-pin field Installable AC connector Male	4006584	668571		10x1
5-pin field Installable AC connector Female	4006584	668595		10x1
5-pin Connector End Cap Female	4006584	668618		10x1
5-pin Connector End Cap Male	4006584	668632		10x1
TX Connect XB Interconnection AC Cable Europe M-F 5-wire, 3 m	4006584	676033		15x1
TX Connect XB Interconnection AC Cable Europe M-F 5-wire, 10 m	4006584	676057		5x1
TX Connect XB Interconnection AC Cable Europe Open 5-wire, 100 m	4006584	676026		No EAN10. EAN40=1
Accessories for Monochrome Tube				
LED Engine 100W 48V Indoor	4006584	675883		20x1
LED Engine 100W 48V Outdoor	4006584	675906		12x1
Connector End Cap for Monochrome Tube	4006584	675920		No EAN10. EAN40=500
Monochrome Tube Starter Cable (Open Wire), 10 m/32.8 ft	4006584	675937		No EAN10. EAN40=20



Light Management Systems & Electronic Control Gear



“The lighting of the future will be more intelligent and more flexible than ever before.”

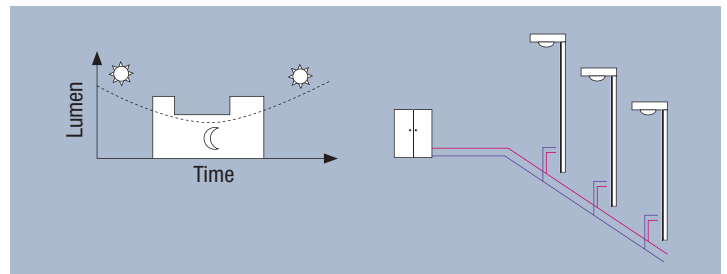
Innovative light management solutions from OSRAM in combination with LED luminaires and traditional luminaires result in lighting concepts that are perfectly matched to specific requirements. OSRAM offers flexible systems for a wide range of applications, including street, area, footpath and accent lighting for buildings. The product portfolio covers everything from energy-efficient outdoor lighting to architectural accent lighting with colored and white light.

3DIM. Flexible dimming, control and communication.

The new devices in the OPTOTRONIC® and POWERTRONIC® 3DIM series offer impressive performance, efficiency and durability and above all the new 3DIM concept. Three different control and dimming functions are available, providing a high degree of flexibility and cost savings. For more information on the 3DIM concept, go to www.osram.com/3DIM

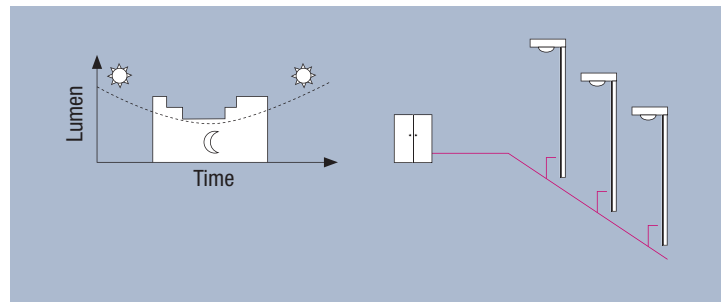
StepDIM – DIMMING WITH AN EXTERNAL CONTROL LINE:

- 3DIM devices can be incorporated into existing step and reduced-load circuits such as those for magnetic control gear.
- Switching between two output levels is handled via an additional 230-V control line.
- StepDIM programming and visualization is carried out with the "3DIM Tool" software.



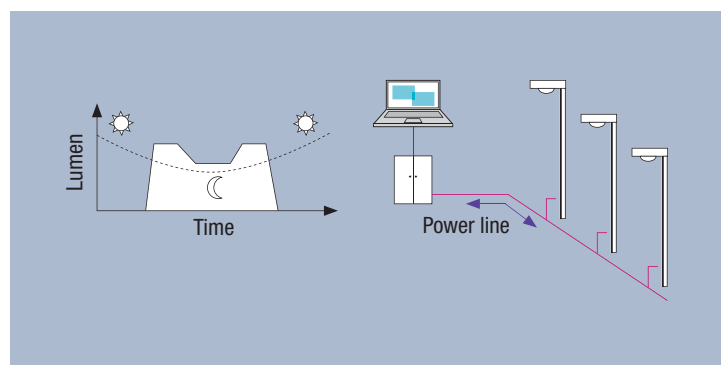
AstroDIM – INDEPENDENT TWO-STAGE DIMMING:

- AstroDIM enables 3DIM devices to achieve energy savings without an external control infrastructure.
- An internal timer records the operating time of the lighting system and reduces output at the required times.
- AstroDIM programming and visualization is carried out with the "3DIM Tool" software.
- To ensure optimum adaptation to local conditions, there are two dimming levels with individual starts, ends and output levels.



DALI® – DIGITAL INTERFACE FOR INCORPORATION INTO TELEMAGEMENT SYSTEMS:

- DALI® is a non-proprietary and widely used communication standard that has been specially developed for lighting applications.
- 3DIM devices can be incorporated into bi-directional light management systems via the DALI® interface.
- "Siteco Light Control" – a solution from Siteco (an OSRAM business) – is a multifunctional telemanagement system which utilizes the DALI® interface of 3DIM ECGs. For more information, go to www.siteco.com/slc



3DIM Tool – software for individual configurations.

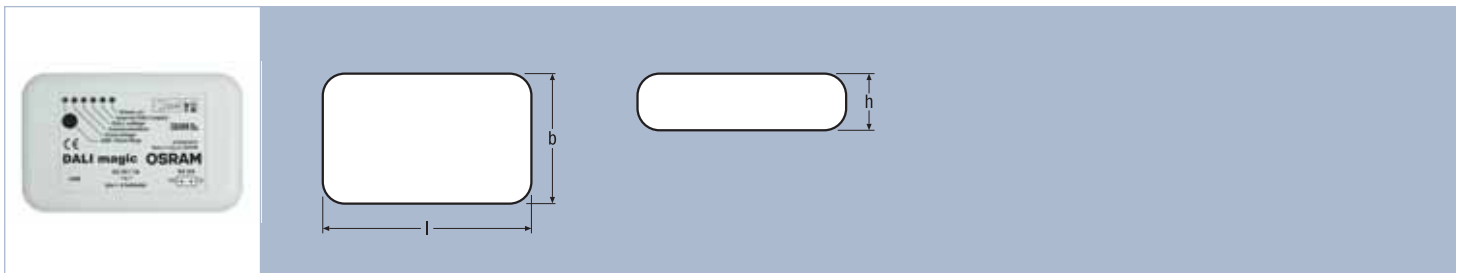
With the aid of the "3DIM Tool" and the "DALI® magic" hardware interface, 3DIM devices can be configured in just a few easy steps. StepDIM and AstroDIM settings can be made to ensure optimum functionality for the specific purpose and location.

3DIM Tool – SOFTWARE FOR PROGRAMMING 3DIM DEVICES

- Enables the full potential of OSRAM 3DIM ECGs thanks to individual StepDIM and AstroDIM operation
- Rapid and intuitive programming
- Visualization of dimming behavior and energy savings
- Compatible with Microsoft Windows XP, Windows Vista and Windows 7

DALI® magic – HARDWARE INTERFACE FOR PROGRAMMING 3DIM DEVICES

- Standard OSRAM interface between DALI® devices and PC USB port
- Enables OSRAM 3DIM devices to be programmed via "3DIM Tool" software
- IP20



Product reference

DALI® magic

DALI magic	4008321582768	DALI/USB	220–240	50–60	0...+50	120	76	25	1
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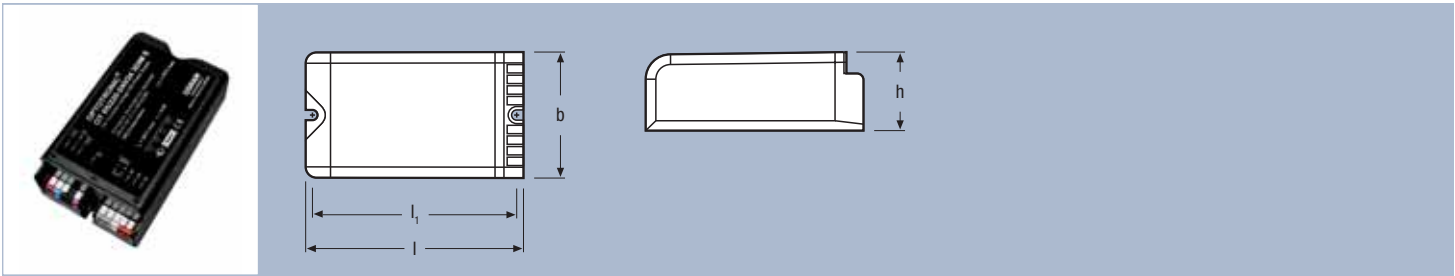
Download 3DIM Tool at www.osram.com/3DIM

OSRAM PTo 3DIM. Robust and flexible, powerful and efficient.

FEATURES AND BENEFITS:



- ECG in the following wattages: 35, 50, 70, 100, 150W
 - For installation into luminaires
 - Fully potted plastic casing
 - Lifetime of up to 50,000 hours at max. T_c
 - Flexible dimming interface
 - Suitable for HCL, NAV and HQL lamps
- Robust and durable ECG design
 - Supports standard wattages and standardized lamp/ECG interfaces
 - Dimmable to 60 % of the maximum output
 - Suitable for luminaires of protection classes I and II
 - Enhanced overvoltage protection (up to 10 kV)
 - Energy efficiency class A2



Product reference								
OUTDOOR PTo								
PTo 35/220-240	4008321956323	0.19	220-240	-25...+60	39	—	—	—
PTo 50/220-240 3DIM	4008321956347	0.24	220-240	-25...+55	50	DALI, StepDIM, AstroDIM	70...100	—
PTo 70/220-240 3DIM	4008321959355	0.35	220-240	-25...+55	73	DALI, StepDIM, AstroDIM	60...100	—
PTo 100/220-240 3DIM	4008321956361	0.49	220-240	-25...+55	97	DALI, StepDIM, AstroDIM	60...100	—
PTo 150/220-240 3DIM	4008321956385	0.7	220-240	-25...+55	147	DALI, StepDIM, AstroDIM	60...100	—

Product reference									
OUTDOOR PTo									
PTo 35/220-240	75	4.5	1.5	133	123	77	48	—	—
PTo 50/220-240 3DIM	75	4.5	1.5	133	123	77	48	—	—
PTo 70/220-240 3DIM	75	4.5	1.5	133	123	77	48	—	—
PTo 100/220-240 3DIM	80	4.5	1.5	158	148	94	42	—	—
PTo 150/220-240 301M	80	4.5	1.5	158	148	94	42	—	—

OPTOTRONIC® LED electronic control gear. Reliable, durable and efficient.

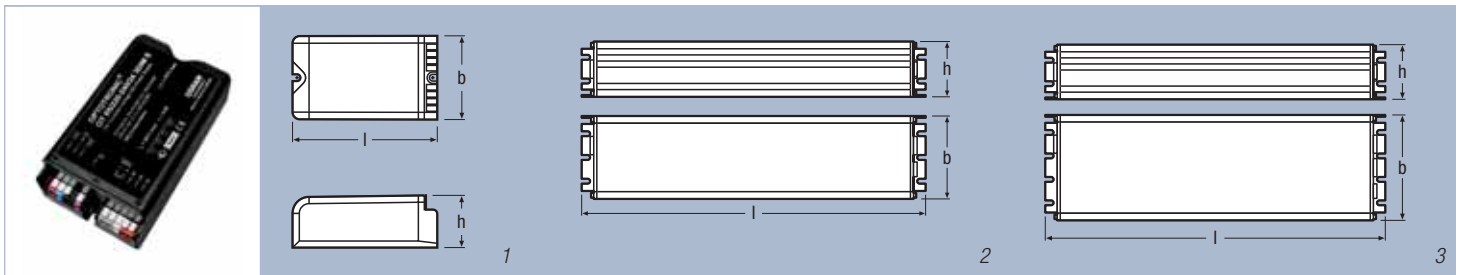
FEATURES AND BENEFITS:



- Robust design, vibration, impact and moisture-resistant
- Long lifetime
- Reliable operation in a wide range of ambient temperatures
- Reversible protection mechanisms for short-circuit, overtemperature and overload
- Very low power consumption thanks to high efficiency
- High overvoltage protection for long LED lifetime
- Broad product portfolio for constant-current and constant-voltage applications

- Extensive functionality depending on the model – please see the data sheets for details:
 - Flexible dimming interfaces (3DIM)
 - Constant-current ECGs with LEDset interface
 - Dimming range down to 15 % of the maximum output
 - Suitable for luminaires of protection classes I and II
- All the units meet the necessary standards for lighting technology: safety (IEC 61347-2-13), operation (IEC 62384), radio interference suppression (EN 55015) and immunity (IEC 61547)

Note: devices with 45W and 90W will be available at the beginning of 2012



Product reference



OPTOTRONIC® outdoor control gear for constant-current modules

OT 42/220-240/350 E	4008321421678	350 mA LED module	198-264	50-60	42	-25...+60	–	–	133	77	48	20	1
OT 42/220-240/500 E	4008321627025	500 mA LED module	198-264	50-60	42	-25...+60	–	–	133	77	48	20	1
OT 42/220-240/700 E	on request	700 mA LED module	198-264	50-60	42	-25...+60	–	–	133	77	48	20	1
OTe 90/220-240/350 E	4008321637345	350 mA LED module	198-264	50-60	81	-25...+55	–	–	238	89	46	6	1
OTe 90/220-240/500 E	4008321651600	500 mA LED module	198-264	50-60	90	-25...+55	–	–	238	89	46	6	1
3DIM OT 45/220-240/700 3DIMLT E (12/11)	coming soon	≤ 700 mA LED module	195-264	50-60	45	-30...+55	15-100	3DIM/LEDset	133	77	48	–	1
OT 90/220-240/700 LT E (12/11)	coming soon	≤ 700 mA LED module	195-264	50-60	90	-30...+55	–	LEDset	133	77	48	20	1
3DIM OT 90/220-240/700 3DIMLT E (12/11)	coming soon	≤ 700 mA LED module	195-264	50-60	90	-30...+55	15-100	3DIM/LEDset	133	77	48	20	1

OPTOTRONIC® control gear for 12 V constant-voltage LED modules

OTe 15/220-240/12 P	4008321974433	12V LED module	198-264	50-60	15	-25...+55	–	–	229	20	20	60	2
OTe 30/220-240/12 P	4008321974440	12V LED module	198-264	50-60	30	-25...+55	–	–	136	42	33	40	2
OTe 60/220-240/12 P	4008321974457	12V LED module	198-264	50-60	60	-25...+55	–	–	170	53	38	20	2
OTe 120/220-240/12 P	4008321974464	12V LED module	198-264	50-60	120	-25...+55	–	–	208	72	38	10	2

OPTOTRONIC® control gear for 24 V constant-voltage LED modules

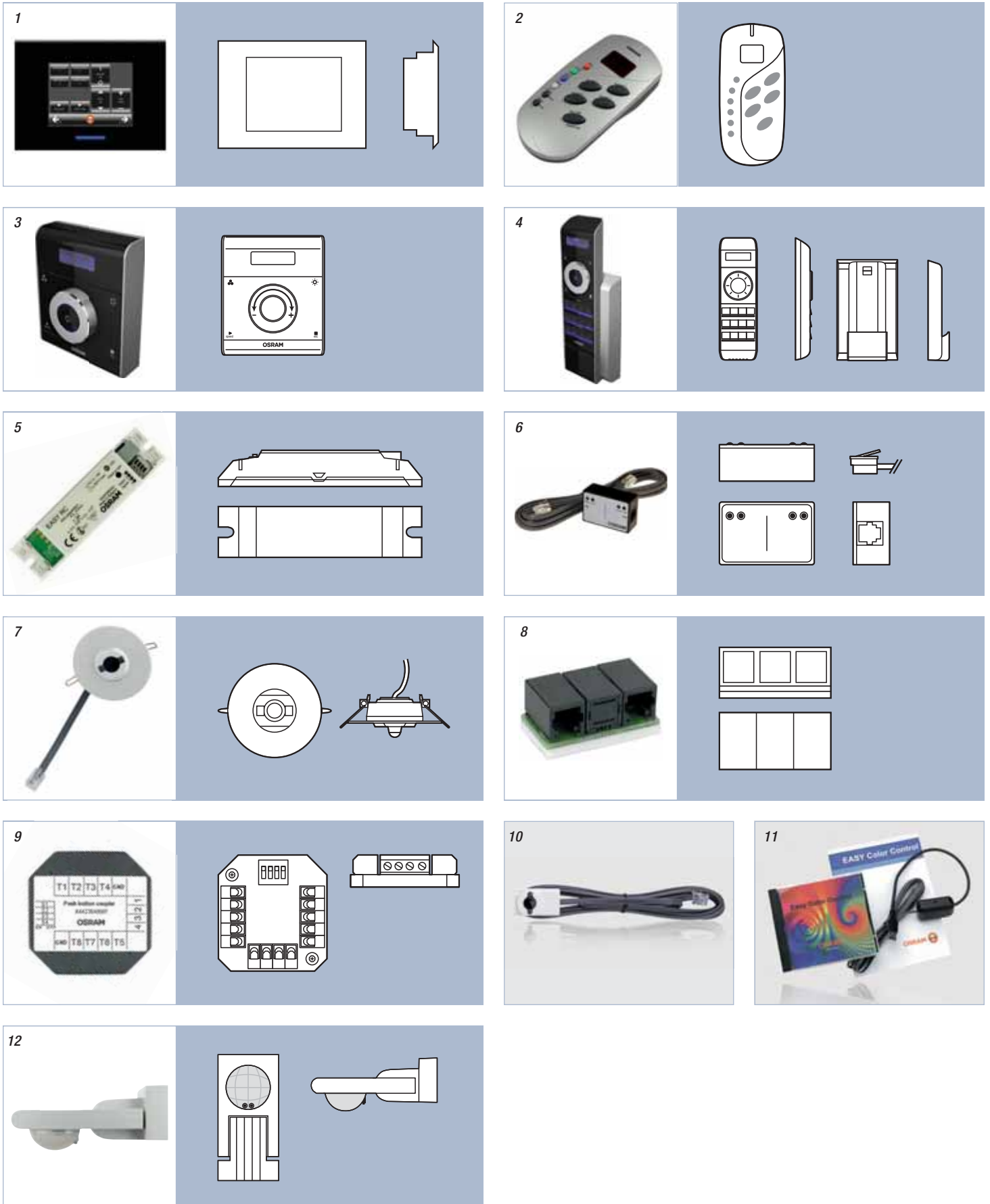
OT 6/220-240/24 CE	4008321113269	24V LED module	180-254	50-60	6	-25...+50	–	–	51	52	22	20	3
OT 75/220-240/24 E	4008321362476	24V LED module	198-254	50-60	75	-25...+60	–	–	241	43	30	10	3
OT 80/220-240/24 P	4008321981684	24V LED module	198-264	50-60	80	-25...+55	–	–	250	50	34	10	3
OT 80/220-240/24 DIM P	4008321981677	24V LED module	198-264	50-60	80	-25...+55	0-100	1...10V	250	50	34	10	3
OT 120/220-240/24 P	4008321981707	24V LED module	198-264	50-60	120	-25...+55	–	–	250	60	39	10	3
OT 120/220-240/24 DIM P	4008321981691	24V LED module	198-264	50-60	120	-25...+55	0-100	1...10V	250	60	39	10	3
OT 240/220-240/24 P	4008321981721	24V LED module	198-264	50-60	240	-25...+55	–	–	250	80	39	8	3
OT 240/220-240/24 DIM P	4008321981714	24V LED module	198-264	50-60	240	-25...+55	0-100	1...10V	250	80	39	8	3
3DIM OT 65/220-240/24 3DIM E	4008321964403	24V LED module	198-264	50-60	65	-25...+55	1-100	3DIM	133	77	48	20	3

EASY Color Control. Control elements and accessories for maximum flexibility.

The EASY Color Control light management system enables both static and dynamic lighting concepts to be implemented for indoor and outdoor applications. Wired and wireless control interfaces such as the EASY Touch Panel and the Hybrid Remote enable users to access all the important functions intuitively and use them with a high degree of flexibility. The option of connecting the control units to the USB port of a PC via an adapter cable enables scenes and sequences to be easily created via a graphical software interface. Conventional pushbutton switches, on/off switches and motion sensors can be incorporated with the aid of a pushbutton coupler. With "OUTDOOR", OSRAM offers a motion and daylight sensor that can be easily integrated into the EASY Color Control system by means of an external relay.

Product reference			
EASY Color Control			
EASY Touch Panel	4008321956989		1
EASY RMC (remote control)	4008321053152		2
EASY Color Drive (wall control element)	4008321421777		3
EASY Hybrid Remote (radio/infrared remote control)	4008321421739		4
EASY RC (radio receiver) for EASY Color Drive and EASY Hybrid Remote	4008321421753		5
EASY SYS CP (system coupler)	4008321320902		6
EASY IR CI (infrared receiver for ceiling installation)	4008321915573		7
Y connector	4050300803142		8
EASY IR (infrared receiver)	4008321053138		9
EASY PB COUPLER (coupler for pushbutton)	4008321915597		10
EASY PC KIT (configuration software with USB cable and manual)	4008321915559		11
OUTDOOR (motion and daylight sensor)	4008321957061		12





EASY Color Control. DALI® and DMX controllers for a wide range of applications.

EASY DMX

FEATURES AND BENEFITS:

IP20

- Easy control of 2, 3 and 4-channel DMX luminaires and devices
- Up to 4 sequences with up to 16 lighting scenes each can be stored
- Dimming, on/off via conventional pushbutton switches
- Configuration via EASY Color Control software

EASY DMX 16x4 SO:

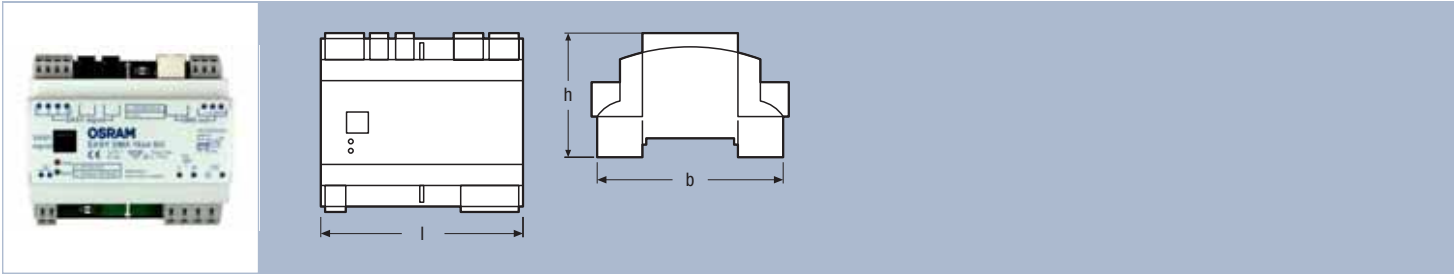
- Individual control of up to 64 DMX channels possible
- Control of up to 16 independent light points

EASY DMX 32x4 SO:

- Individual control of up to 128 DMX channels possible
- Control of up to 32 independent light points

EASY DMX 64x4 SO:

- Individual control of up to 256 DMX channels possible
- Control of up to 64 independent light points



Product reference										
EASY DMX 16x4 SO	4008321441522	DMX 512	100–240	50/60	16x4	0...+50	108	96	61	6
EASY DMX 32x4 SO	4008321441546	DMX 512	100–240	50/60	32x4	0...+50	108	96	61	6
EASY DMX 64x4 SO	4008321441560	DMX 512	100–240	50/60	64x4	0...+50	108	96	61	6

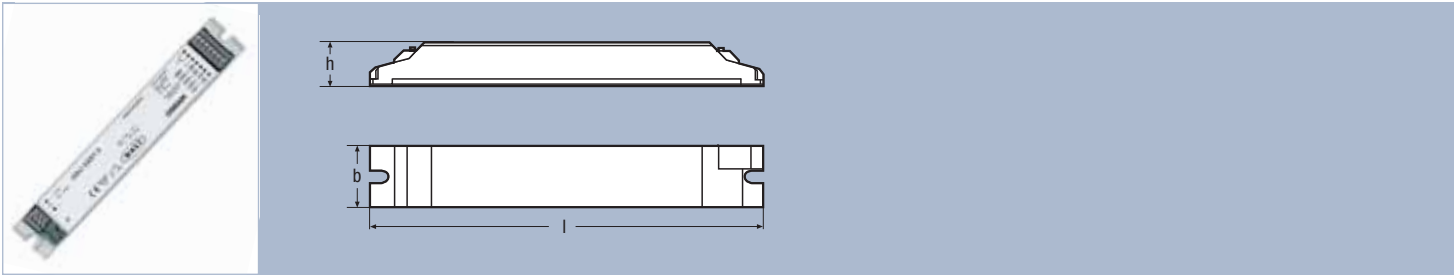
DALI® EASY III

FEATURES AND BENEFITS:

IP20

- 4 DALI® broadcast outputs for up to 32 DALI® ECGs
- Integrated sequencer for up to 4 different sequences
- Up to 16 static lighting scenes can be stored and retrieved

- Up to 16 control units can be synchronized via Y connectors
- Luminaire installation casing, separate mounting in connection with LMS CI Box



Product reference										
DALI EASY III	4008321053046	DALI	100–240	50/60	4	0...+50	189	30	21	25

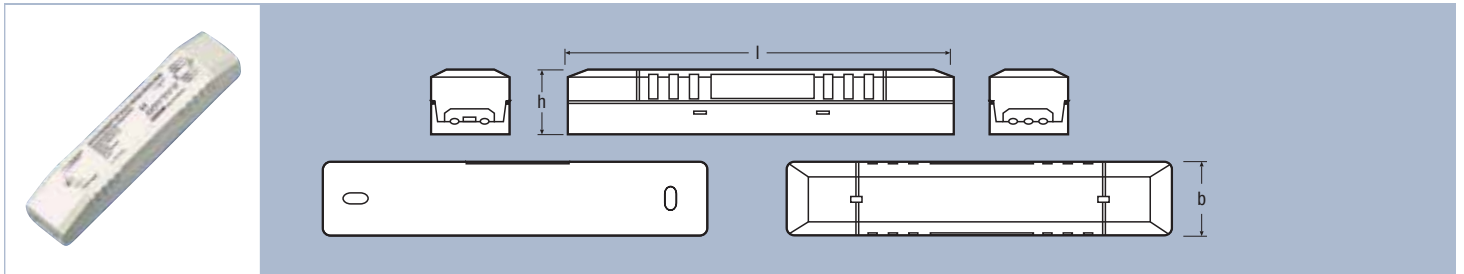
EASY Color Control. Electronic control gear and controller in one.

OT EASY 60 II

FEATURES AND BENEFITS:

IP20

- 4 PWM outputs
- Integrated power supply for direct connection of 24-V LED modules with a total wattage of up to 60W
- Integrated RGB(W) sequencer for up to 4 different, freely programmable sequences
- Up to 16 static lighting scenes can be stored and retrieved
- Synchronization of up to 16 control units via Y connectors (up to 64 with EASY SYS CP)
- Casing with cable clamp for separate installation



Product reference



4008321187796



24V



198–254



50/60



60W distributed



24V



4



-20...+50 220



47



44



20

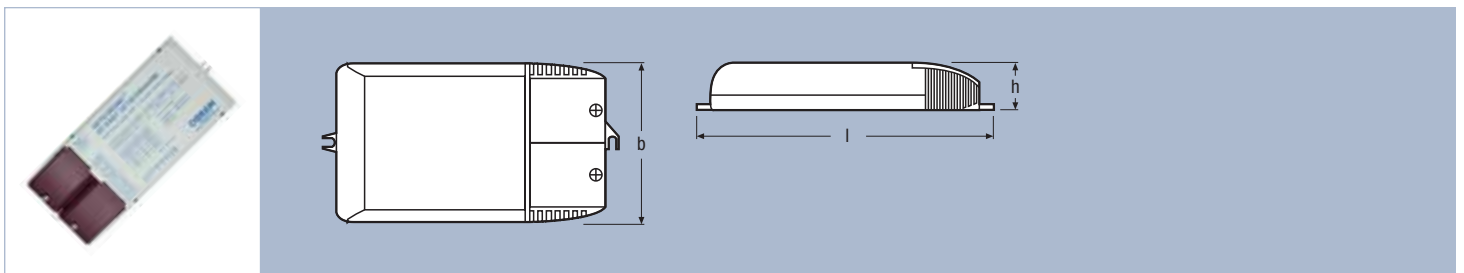


OT EASY 32 CC

FEATURES AND BENEFITS:

IP20

- 4 PWM outputs
- Integrated power supply for direct connection of high-power LEDs with constant current
- Total output 32W (max. 8W per channel, series connection of up to 6 LEDs per channel)
- Integrated RGB(W) sequencer for up to 4 different, freely programmable sequences
- Up to 16 static lighting scenes can be stored and retrieved
- Synchronization of up to 16 control units via Y connectors (up to 64 with EASY SYS CP)



Product reference



4008321547088



350mA



120–240



50/60



32W(8W/CH)



1.8...24V



4



-20...+50



223



96



32



20

The symbols.

	Code EAN		Color rendering group		Approval
	Length l in mm		Weight		Flame protection class
	Length l ₁ in mm		Max. cable length, lamp system		Appliance class
	Width b in mm		Color		Mounting diameter
	Width b ₁ in mm		Light color		Equipped with lamp
	Height h in mm		Type of dimming		Glow wire test
	Height h ₁ in mm		Base		850 °C
	Height h ₂ in mm		Luminous intensity in cd		Type of protection
	Diameter d in mm		Line frequency in Hz		Mechanical stress
	Diameter d ₁ in mm		Luminous flux in lumen		Voltage
	Hole spacing a in mm		Voltage in volts		Frequency
	Hole spacing a ₁ in mm		Direct-current voltage in V		Current
	Hole spacing b ₁ in mm		Perm. operating voltage, sinusoidal		Luminaire light output ratio
	Max. center spacing of LED boards in mm		Secondary voltage		eta _{LB} 0.62 eta _{LB} 0.69
	Type of protection		Rated wattage in watts		
	Overall length in mm		Module wattage in watts		
	Luminaire light output ratio ETA		Rated current in amps		
	Control		Rated current in milliamps		
	No. of LEDs per module		Max. temperature at T _c point		
	No. of outputs		Average period of use/life		
	Beam angle in degrees		Ignition voltage in kV		
	For lamp		Temperature range		
	Figure no.		Wavelength in nm		
	Dimming range		Normal pack/pcs.		
	Color temperature in K		Standard pack/pcs.		

Further information.

Downloads:

For all product brochures, technical guides, catalogs and further information on our products, please go to www.osram.com/downloads.



OSRAM Indoor and Outdoor Lighting 2010/2011



OLED Lighting



OPTOTRONIC® Technical Guide – Electronic Power Supplies for LED Modules



OSRAM luminaires 2010



Light Management Systems



Traxon LED lighting systems



SITECO – Lighting tools for cost-efficient, environmentally friendly and future proof road lighting



SITECO – Lighting Tools for the future

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