

PHILIPS

SmartBright



Trusted



Reliable



Great value

Including
tri-colour
and dual power
variants!



**REAL
PROs**
**REAL
QUALITY**

philips.com/smartbright

Philips is the #1 global brand in lighting since 1891.

Trusted by professionals around the world.



SmartBright. The everyday range.

Count on honest, hard-working solutions that deliver what they promise.

Get the trusted performance, reliability and results you'd expect from Philips key components – with prices that are definitely on your side!



Trusted

What you need and expect is what you get. And that's a promise you can count on every time!



Reliable

Proven Philips quality. Every key component is tested to deliver maximum reliability and long-term performance.



Great value

Perfect results shouldn't come with painful prices. With SmartBright, you have great value lighting from the leader in LED.

The Philips SmartBright 2023 range of LED luminaires



SmartBright tri-colour downlight G2



SmartBright tri-colour oyster



SmartBright tri-colour direct-lit panel



SmartBright lumen select highbay



SmartBright highbay



SmartBright slim batten



Slim
and wide
variants

SmartBright tri-colour standard batten



Slim
and wide
variants

SmartBright tri-colour weatherproof batten



SmartBright tri-colour bulkhead



Sensor
options
available

SmartBright LED floodlight



Improved
lms
output

SmartBright streetlight



Solar

SmartBright solar floodlight



Solar

Essential SmartBright all in one street light

Choosing Philips
LED has never
been so simple!

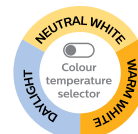
SmartBright tri-colour downlight G2

CCT selectable, dimmable,
superfast installation



Key features:

- Select from 3 colour temperatures with a slide of the switch
- Trailing/leading edge dimmable for further ambience adjustment
- Neat and professional design finish
- Fast and easy to install – pre-cabled (0.8m) with plug
- 3 year warranty / 30,000h (L70) rated life



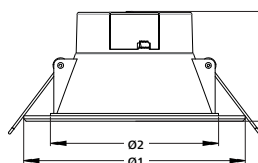
Order code	Description	Power	Light output	CCT
		W	lm	K
DN029BLED8CCT90	DN029B G2 LED8/CCT PSR-E D90 CAU	7.5	800	3000 / 4000 / 6500
DN029BL10CCT120	DN029B G2 LED10/CCT PSR-E D120 CAU	9	1000	3000 / 4000 / 6500
DN029BL12CCT150	DN029B G2 LED12/CCT PSR-E D150 CAU	10.5	1200	3000 / 4000 / 6500
DN029BL20CCT200	DN029B G2 LED20/CCT PSR-E D200 CAU	18	2000	3000 / 4000 / 6500
DN029BL8CCT90PK	DN029B G2 LED8/CCT PSR-E D90 CAU 10-PK	7.5	800	3000 / 4000 / 6500

Technical specifications

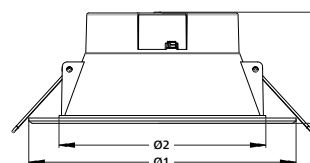
CRI	> 80
IP rating	IP54 (Front)
Lifetime	30,000 hrs (L70B50)
Input voltage	220-240V, 50/60Hz
Power factor	> 0.8
Electrical class	Class II
Housing colour	RAL9003 white
Material	Housing: Polybutylene Terephthalate (PBT) Diffuser: Polycarbonate (PC)

Size	Power (W)	Diameter (Ø1) mm	Diameter (Ø2) mm	Height (H) mm	Cut-out diameter (mm)
D90	7.5	114	86.5	56	90
D120	9	140	108	59	120
D150	10.5	190	149	61	150
D200	18	225	190	63	200

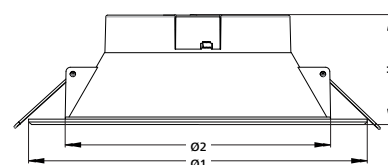
D90



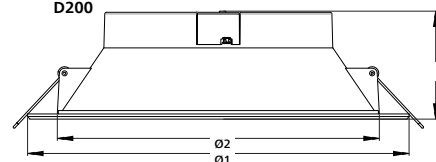
D120



D150



D200



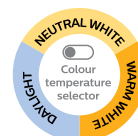
SmartBright tri-colour oyster

Blends perfectly into a variety of environments



Key features:

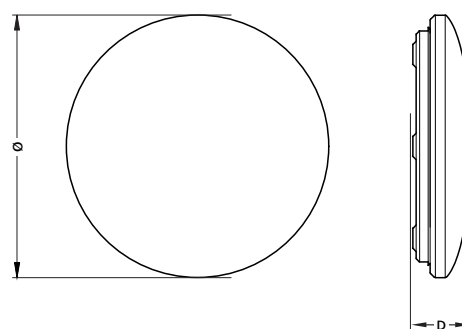
- Available in both 300mm and 400mm diameters
- High quality driver and LED light source
- 3 selectable colour temperatures in each device via built in dip switch
- IP54 design – ideal for damp and wet areas



Order code	Description	Power	Light output	CCT	Diameter (mm)
		W	lm	K	
CL261RD155WIP	CL261 DS Oyster 15.5W 30-40-65K IP54 ANZ	15.5	1400	3000/4000/6500	300
CL261RD22WIP	CL261 DS Oyster 22W 30-40-65K IP54 ANZ	22	2100	3000/4000/6500	400

Technical specifications

CRI	> 80
IP / IK rating	IP54 / IK02
Lifetime	30,000 hrs (L70)
Input voltage	220-240V, 50/60Hz
Power factor	> 0.9
Electrical class	Class I
Housing colour	RAL9003 white
Material	Housing: Metal Diffuser: Polycarbonate (PS)



Power (W)	Diameter (Ø) mm	Depth (D) mm
15.5	300	88
22	400	87

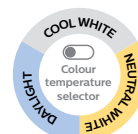
SmartBright tri-colour direct-lit panel

Perfect for your everyday ceiling lighting installations



Key features:

- Available in three standard sizes – 600 x 600mm, 300 x 1,200mm and 600 x 1,200mm
- Three colour temperature settings in one device – suiting multiple application environments.
- Excellent colour rendering capability – CRI 80+
- Pre-wired with 1.5m cable and plug
- Quick-connector for driver allows for fast installation

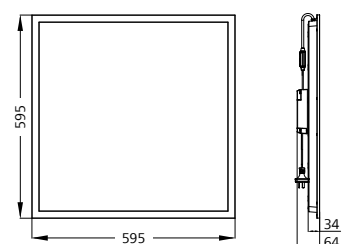


Order code	Description	Power	Light output	CCT	Nominal size
		W	lm	K	mm
RC170BG231P6060	RC170B LED31S/SCCT PSU W60L60 AU G2	25.5	3100	4000/5000/6500	600 x 600
RC170BG231P3012	RC170B LED31S/SCCT PSU W30L120 AU G2	25.5	3100	4000/5000/6500	300 x 1,200
RC170BG255P6012	RC170B LED55S/SCCT PSU W60L120 AU G2	55	5500	4000/5000/6500	600 x 1,200

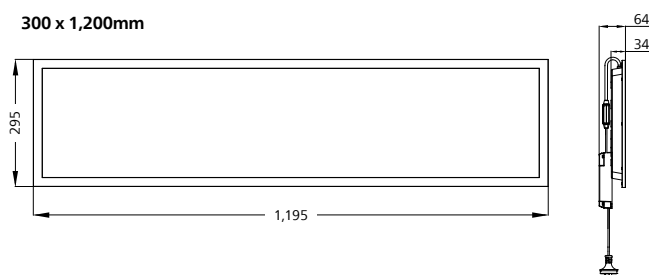
Technical specifications

CRI	> 80
Beam angle	120°
IP / IK rating	IP20/IK02
Lifetime	50,000 hrs
Input voltage	220-240V, 50/60Hz
Power factor	> 0.9
Electrical class	Class II
Housing colour	RAL9003
Material	Housing: Aluminium frame + Metal housing Diffuser plate: Polystyrene (PS)

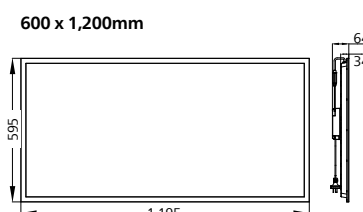
600 x 600mm



300 x 1,200mm



600 x 1,200mm



SmartBright Lumen select highbay

Lumen and colour selectable for the ultimate value



Key features:

- System efficacy of up to 160lm/W providing great energy savings compared with HID
- Lumen selectable for various applications
- Optional customisable sensor and remote upgrade with daylight, dimming and corridor functions
- Optional reflector available



50,000
hours
5 year
warranty

IP65
IK08

Lumen
select

Optional
sensor

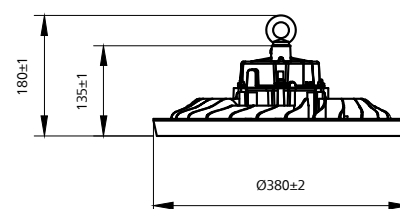
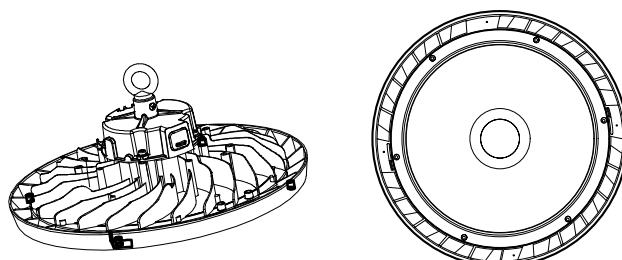
Remote

VEU and
IPART
approved

Order code	Description	Power	Light output	CCT	Size	Includes
		W	lm	K	mm	
BY240P200-100W	BY240P 200W_100W/ 840_850/WB PSR UNV SAA	100/150/200	15800/23000/29000 ±10%	4000/4500/5000	380Ø	Flex, plug and ring
BY240ZBRKT	BY240Z Bracket	NA	NA	NA	228.1W 130.5H	
BY240ZSEN	Highbay sensor	0.2			51Ø	
BY240ZREM	BY240Z Remote	0.1	NA	NA	123x70	Case
BY240REF	BY240Z Highbay reflector	NA			545x180	

Technical specifications

CRI	> 80
Beam angle	Wide (110°±10°)
IP / IK rating	IP65/IK08
Lifetime	5 years/50000 hours
Input voltage	220-240V 50/60Hz
Power factor	> 0.9
Electrical class	Class I
Mounting	Suspension, optional bracket
Housing colour	Black RAL9005
Material	Die cast aluminium
Sensor type	Microwave



SmartBright highbay

Excellent light quality,
maximum energy savings



Key features:

- System efficacy 140lm/W provides high energy savings of up to 65% compared to HID system
- One-to-one replacement for retrofitting HID Highbay luminaires
- Designed for operation under diverse environmental conditions from -20°C to +45°C
- Accurate light, good lighting experience, CRI>80



3
year
warranty

**IP65
IK06**

High
energy
savings

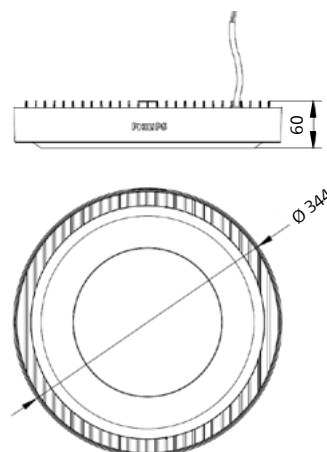
30,000
hours
L70

Easy HID
replacement

Order code	Description	Power	Light output	CCT	Diameter	Includes
		W	lm	K	mm	
BY498P78WCWWB	BY498P LED100/850 PSU WB CAU	78	10000	5000	278	Flex, plug and hook
BY498P118WCWWB	BY498P LED150/850 PSU WB CAU	118	15000	5000	278	Flex, plug and hook
BY498P140WCWWB	BY498P LED180/850 PSU WB CAU	140	18000	5000	305	Flex, plug and hook
BY498P187WCWWB	BY498P LED245/850 PSU WB CAU	187	24500	5000	358	Flex, plug and hook

Technical specifications

CRI	> 80
Beam angle	WB 90±5°
IP / IK rating	IP65/IK06
Lifetime	30,000 hrs (L70)
Input voltage	220-240V
Power factor	0.9
Electrical class	Class I
Mounting	Loop included optional bracket
Housing colour	Grey
Material	Housing: Die-cast aluminium Lense: Polycarbonate (PC)



SmartBright slim batten

Perfect for your everyday lighting installations



Key features:

- Perfect replacement for traditional fluorescent lighting with energy efficient LED
- Slimline design makes it versatile for many applications
- You can choose from standalone battens or versions with switch
- Comes with a 1.2m cable for easy install



3
year
warranty

Switch
version

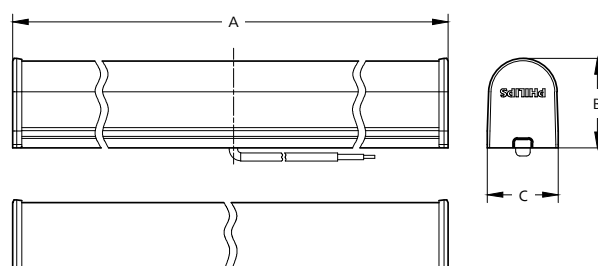
Energy and
maintenance
savings

1.2m
cable

Order code	Description	Power	Light output	CCT	Length
		W	lm	K	mm
SB21KLMCW2FTS	BN012C LED10/CW L600 AU G2	10	1000	6500	600
SB21KLMNW2FTS	BN012C LED10/NW L600 AU G2	10	1000	4000	600
SB21KLMWW2FTS	BN012C LED10/WW L600 AU G2	10	1000	3000	600
SB22KLMCW4FTS	BN012C LED20/CW L1200 AU G2	20	2000	6500	1,200
SB22KLMNW4FTS	BN012C LED20/NW L1200 AU G2	20	2000	4000	1,200
SB22KLMWW4FTS	BN012C LED20/WW L1200 AU G2	20	2000	3000	1,200
BN012CLED1CWL6	BN012C LED10/CW L600 SW		1000	6500	600
BN012CLED1NWL6	BN012C LED10/NW L600 SW	10	1000	4000	600
BN012CLED1VWL6	BN012C LED10/WW L600 SW	10	1000	3000	600

Technical specifications

CRI	> 80
Beam angle	120°
IP / IK rating	IP20/IK02
Lifetime	30,000 hrs (L70)
Input voltage	220-240V
Power factor	0.9
Electrical class	Class II
Housing colour	White
Material	Polycarbonate



Model	A (mm)	B (mm)	C (mm)
BN012C L600	574	35.7	28.4
BN012C L1200	1,174	35.7	28.4
BN013C L600	586	35.7	28.4
BN013C L1200	1,186	35.7	28.4

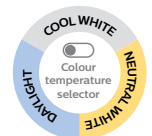
SmartBright tri-colour standard batten

The ideal solution for general indoor lighting applications



Key features:

- Available in both 600mm and 1,200mm lengths
- Now available in wide versions for easy retrofit
- Selectable dual power output to suit multiple applications
- 3 selectable colour temperatures in each device
- Energy efficient with long service life



Order code	Description	Power	Light output	CCT	Length
		W	lm	K	mm
BN131CS600CCT	BN131C LED SWT/SCCT L600 PSU Slim	9W/18W	1000/2000	4000/5000/6500	602 x 64 x 64
BN131CS1200CCT	BN131C LED SWT/SCCT L1200 PSU Slim	17/35W	2000/4100	4000/5000/6500	1,202 x 64 x 64
BN132CW600CCT	BN132C LED SWT/SCCT L600 PSU Wide	9/18W	1000/2000	4000/5000/6500	602 x 80 x 80
BN132CW1200CCT	BN132C LED SWT/SCCT L1200 PSU Wide	17/35W	2000/4100	4000/5000/6500	1,202 x 80 x 80

Technical specifications

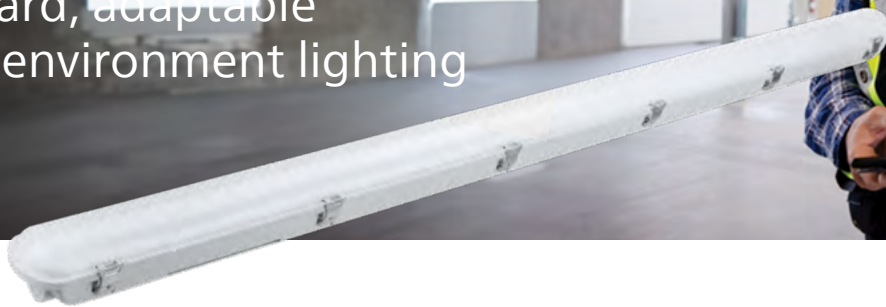
CRI	> 80
Beam angle	130°
IP / IK rating	IP20/IK04
Lifetime	50,000 hrs (L70)
Input voltage	220-240V, 50/60Hz
Power factor	> 0.9
Electrical class	Class 2
Housing colour	RAL9016 white
Material	Housing: Metal Diffuser: Polycarbonate (PC)



Model	A (mm)	B (mm)	C (mm)
BN131C L600	600	64	64
BN131C L1200	1,200	64	64
BN132C L600	600	80	80
BN132C L1200	1,200	80	80

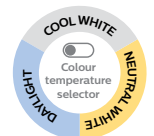
SmartBright tri-colour weatherproof batten

Standard, adaptable multi-environment lighting



Key features:

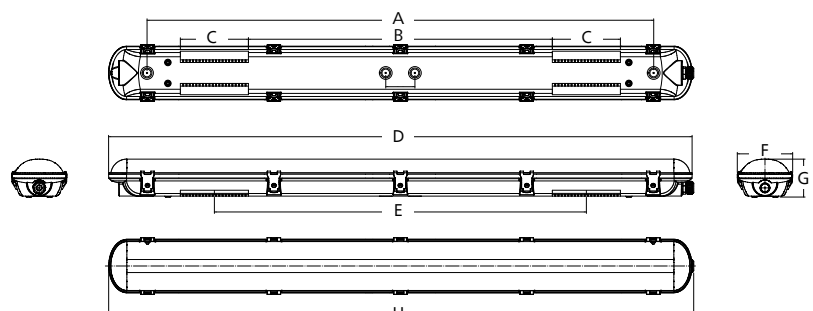
- Available in 600mm and 1,200mm lengths
- 3 colour temperatures and dual power settings in each part number
- Quick clip cover removal – fast and easy installation
- Long service life with excellent reliability
- High degree of protection for outdoor applications
- Slim and wide varieties



Order code	Description	Power	Light output	CCT	Length
		W	lm	K	mm
WT071CS600CCT	WT071C LED SWT/SCCT L600 PSU Slim	10/18	1265/2000	4000/5000/6500	607 x 91 x 78
WT071CS1200CCT	WT071C LED SWT/SCCT L1200 PSU Slim	20/36	2400/4000	4000/5000/6500	1,207 x 91 x 78
WT072CW600CCT	WT072C LED SWT/SCCT L600 PSU Wide	10/18	1265/2000	4000/5000/6500	607x116x80
WT072CW1200CCT	WT072C LED SWT/SCCT L1200 PSU Wide	20/36	2400/4000	4000/5000/6500	1207x116x80

Technical specifications

CRI	> 80
Beam angle	110°
IP / IK rating	IP65/IK08
Lifetime	50,000 hrs (L70)
Input voltage	220-240V, 50Hz
Power factor	> 0.9
Electrical class	Class 2
Housing colour	RAL7035 light grey
Material	Housing: Polycarbonate (PC) Diffuser: Polycarbonate (PC)



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
WT071C LED SWT/SCCT L600 PSU Slim	452	180.5	99.5	600	280	90	78	607
WT071C LED SWT/SCCT L1200 PSU Slim	1,055	625	140	1,200	765	90	78	1,207
WT072C LED SWT/SCCT L600 PSU Wide	440	180.5	99.5	600	280	115	80	607
WT072C LED SWT/SCCT L1200 PSU Wide	1,040	625	140	1,200	765	115	80	1,207

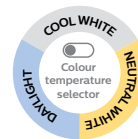
SmartBright tri-colour weatherproof bulkhead

The reliable and flexible exterior lighting solution



Key features:

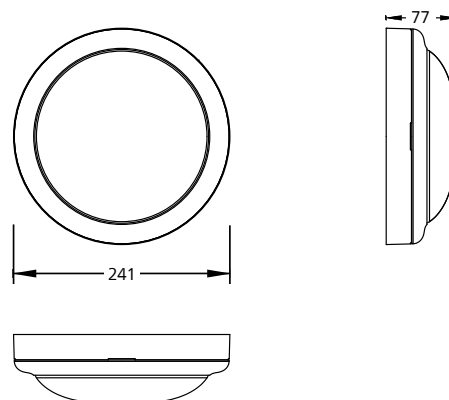
- Dual power and tri-colour settings all in a single part number
- Multi-purpose weatherproof design with IP65/IK08 rating
- Excellent reliability with long service life
- Ideal for vertical wall mounting or horizontal ceiling mounting



Order code	Description	Power	Light output	CCT	W Ø
		W	lm	K	mm
WL020CLSWTSCCT	WL020C LED SWT/SCCT AU	8/16	800/1600	4000/5000/6500	241

Technical specifications

CRI	> 80
Beam angle	120°
IP / IK rating	IP65/IK08
Lifetime	50,000 hrs (L70)
Input voltage	220-240V, 50/60Hz
Power factor	> 0.9
Electrical class	Class II
Housing colour	RAL9016 white
Material	Housing: Polycarbonate (PC) Diffuser: Polycarbonate (PC)



SmartBright LED floodlight

Reliable energy savings



Key features:



- Built in PIR motion sensor options available
- Ideal replacement for conventional halogen floodlights
- Robust die-cast aluminium housing for a wide variety of application environments
- Designed for tough environmental conditions
- High system efficacy – up to 120lm/W
- Long lifetime – 50,000 hours and 3 year warranty
- Includes connection cable (without plug)

3
year
warranty

**IP65
IK08**

Built in
sensor
versions

Symmetrical
wide beam
distribution

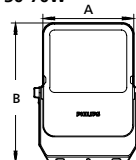
Ideal
halogen
replacement

Order code	Description	Power W	Light output lm	Sensor	CCT K	Includes
BVP151L50N20W	BVP151 LED24/NW PSU 20W SWB G2 GM	20	2400	No	4000	1m flying cable
BVP151L50N30W	BVP151 LED36/NW PSU 30W SWB G2 GM	30	3600	No	4000	1m flying cable
BVP151L50N50W	BVP151 LED60/NW PSU 50W SWB G2 GM	50	6000	No	4000	1m flying cable
BVP151L50N70W	BVP151 LED84/NW PSU 70W SWB G2 GM	70	8400	No	4000	1m flying cable
BVP151L50N100W	BVP151 LED120/NW PSU 100W SWB G2 GM	100	12000	No	4000	1m flying cable
BVP151L50N150W	BVP151 LED180/NW PSU 150W SWB G2 GM	150	18000	No	4000	1m flying cable
BVP151L50N200W	BVP151 LED240/NW PSU 200W SWB G2 GM	200	24000	No	4000	1m flying cable
BVP151L50N50WMD	BVP151 LED60/NW PSU 50W SWB MDU G2 GM	50	6000	Yes	4000	1m flying cable & PIR sensor
BVP151L50N20WMD	BVP151 LED24/NW PSU 20W SWB MDU G2 GM	20	2400	Yes	4000	1m flying cable & PIR sensor

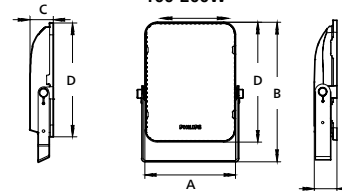
Technical specifications

CRI	80
Beam angle	110±10°
IP/IK rating	IP65/IK07 (IK05 sensor)
Lifetime	50,000 hours L70
Input voltage	220V-240V
Operating temperature	-25 to +40
Power factor	> 0.9
Sensing range	0-8m
Electrical class	Class I
Mounting	360° orientable U bracket
Housing colour	Black
Material	Housing: Aluminium Diffuser: Glass

30-70W



100-200W



Power (W)	A (mm)	B (mm)	C (mm)	D (mm)
30	117	182	25.5	145
50	150	232	26.1	185
70	175	284	27	215
100	185	312	32.5	244
150	242	409	32.5	320
200	296	482	35.7	380
20W MDU version	82	172	52	100
MDU version	150	263	50	185

SmartBright LED streetlight

Sleek, reliable and cost-efficient
LED road lighting



Key features:

- Excellent light output ranging from 9,100 to 18,200lm
- Ideal replacement for conventional SON or HPL streetlights
- Reliable design with diecast aluminium housing
- Designed for harsh environmental conditions from -40°C to 50°C



3
year
warranty

**IP66
IK08**

10kV/kA
SPD

130
mlms/W

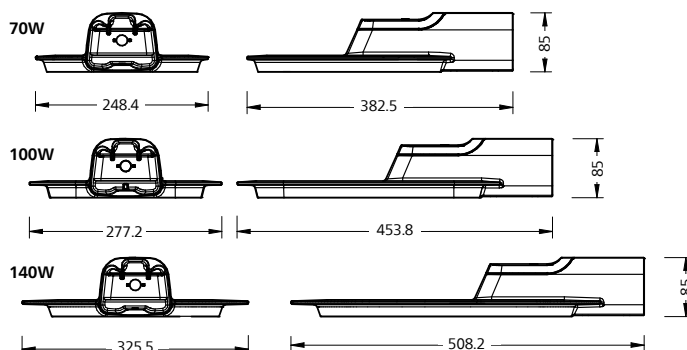
30,000
hours
L70B50

Optimised
road optics

Order code	Description	Power	Light output	CCT	Includes
		W	lm	K	
SBLED70NW70WDM	BRP130 LED88/NW 70W 220-240V DM ANZ	70	9100	4000	10kA/kV SPD; 300mm flying cable
SBLED100N100WDM	BRP131 LED125/NW 100W 220-240V DM ANZ	100	13000	4000	10kA/kV SPD; 300mm flying cable
SBLED140N140WDM	BRP132 LED175/NW 140W 220-240V DM ANZ	140	18200	4000	10kA/kV SPD; 300mm flying cable

Technical specifications

CRI	70
Beam angle	Road Optic DM (Medium)
IP/IK rating	IP66/IK08
Lifetime	30,000 hrs (L70B50 @ 35°C)/3 years
Input voltage	220-240V, 50/60Hz
Power factor	> 0.9
Electrical class	Class I
Housing colour	Dark Grey
Material	Housing: Die-cast aluminium with finless design, powder coated dark grey
	Front cover: Polycarbonate (PC)



Philips solar lighting.

A world powered by the sun.

Solar lighting is sustainable, green and clean.

Apart from being powered by a freely available energy source, solar lighting boasts several other benefits. On the one hand it provides instant relief to people with no access to the energy grid. As well as this, hybrid solar supports densely populated communities and gives them an opportunity to reduce their carbon footprint - thereby resulting in a greener and healthier world.



Enhanced city sustainability potential



No or minimal electricity costs



Significant energy savings



Safer, less risk of electrical hazards



Increased sense of safety and security



Low maintenance



Independence from the power grid



Improved city services



More efficient city planning and operations



Upgrade existing light points to hybrid solar with minimal costs



Preserves landscape, no cabling or trenching



Enabling the community to engage with data from the Internet of Things (IoT)

SmartBright solar floodlight

Efficient and reliable – fast and easy installment suitable for any environment



Key features:

Installer friendly

- Mounting accessories included
- DIY installation
- Equivalent to 200W and 500W Halogen replacement

Eco Friendly

- Requires no electricity grid connection
- Environmentally friendly lithium battery

Weatherproof

- IP65 rated
- LiFePO4 battery installed inside sealed housing



2
year
warranty

IP65
IK06

5m
cable

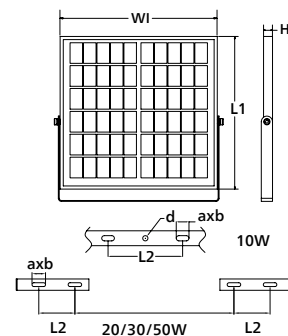
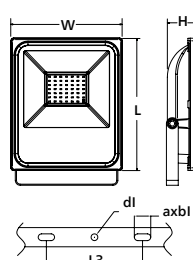
150
lm/W

Mounting
accessories
included

Order code	Description	Power	Light output	CCT	Specification
		W	lm	K	
BVP0806.5WG2	BVP080 LED10/757 060 G2	6.5	1000	5700K	1000 Lumen Solar Flood Light (6.5W)
BVP08013WG2	BVP080 LED20/757 100 G2	13	2000	5700K	2000 Lumen Solar Flood Light (13W)
BVP08020WG2	BVP080 LED30/757 150 G2	20	3000	5700K	3000 Lumen Solar Flood Light (20W)
BVP08032WG2	BVP080 LED48/757 200 G2	32	4800	5700K	4800 Lumen Solar Flood Light (32W)

Technical specifications

CRI	> 80
System efficacy (lm/W)	150lm
IP / IK rating	IP65/IK06
Lifetime	30,000 hrs (calculated L70B50) @ 35°C
Colour temperature	5700
Cover	Glass
Mounting	Wall mounted
Controls	IP remote
Housing	Housing: Aluminium die-casting Diffuser: Polycarbonate (PC)



Type	W	L	H	WI	LI	HI
10W	190	225	56	250	340	20
20W	235	280	65	602	340	20
30W	310	370	78	682	350	20
50W	323	425	90	702	540	20

All measurements in mm.

Type	L2	d	axb	L3	dI	axbI
10W	150	8	8x30	100	7	7x17
20W	100	–	10x30	100	7	7x17
30W	100	–	10x30	130	12	12x32
50W	150	–	10x30	130	12	12x32

All measurements in mm.

Essential SmartBright all-in-one solar streetlight

All integrated solar lighting solution



Key features:

- Factory set dimming profile along with microwave sensor for run time maximisation
- Long lifecycle Lithium Ferro Phosphate battery
- PWM charge controller for maximum efficiency
- Mounting kit and wall mounted pole included
- Wireless remote for configuration
- Microwave based motion sensor



1
year
warranty

IP65

IR remote

160
lm/W

Off
grid

Dimmable

Order code	Description	Power	Light output	CCT	Includes
		W	lm	K	
BRC0104L4000	BRC010 LED40/765 kit	25	4000	6500K	Battery, charger, solar panel built into luminaire
BRC010L2000	BRC010 LED20/765 kit	12.5	2000	6500K	Battery, charger, solar panel built into luminaire

Technical specifications

CRI	> 70
Configuration	Wireless remote
IP	IP65
Lifetime	1 year
Battery	3.2V15Ah (12W)/12.8V 42Ah (60W)/25.6V30Ah (80W)
Sensor type	Microwave
Mounting	Wall mounted pole and mounting kit included
Material	Housing: ABS Diffuser: Polycarbonate (PC)

