



Philips Ledinaire floodlight – For your everyday lighting jobs, easy to choose from the shelves and to install

Ledinaire floodlight

This popular range of off-the-shelf floodlighting luminaires offers Philips high quality standards at a very competitive price. Reliable, energy efficient and affordable, Ledinaire is the perfect solution for a wide range of outdoor applications, from building façades and retail stores to billboards, underpasses and garden lighting.

Benefits

- A simple choice for most area flood lighting applications
- Saves time with easy installation of area flood lights
- Long-lasting for excellent value

Features

- Wide range of applications with lumen outputs from 1.000 lm, up to 21.000 lm
- Warm white (3000K) and Neutral white (4000K) versions
- Extra flat IP65, IK07
- Standing-up or hanging-down
- Long lifetime of 50,000 hours
- Motion detector versions
- Asymmetric versions

Ledinaire floodlight

Application

- Building facades, retailing stores
- Gardens, underpasses
- Billboards
- Outdoor areas, parking lots
- Retail stores fronts
- Warehouse surroundings
- Small recreational sports field or municipal multipurpose sport facilities

Specifications

Ambient Temperature	-25 to +40 °C
Main color of the Luminaire	Aluminum and gray
Driver failure rate at 5000 h in %	0.2 %
Initial LED luminaire efficacy	100, 105 lm/W
Initial luminous flux	1000 lm, 10000 lm, 1050 lm, 10500 lm, 15000 lm, 15750 lm, 2000 lm, 20000 lm, 2100 lm, 21000 lm, 5000 lm, 5250 lm

Input frequency	50 or 60, 50 to 60 Hz
Input voltage	220 to 240 V
Inrush current (A)	0.54, 0.64, 0.9, 2.48, 3.28, 3.52 A
Material	Housing: aluminum die cast
Optic	Asymmetrical, symmetrical wide beam, very wide beam angle 100°
Surge protection	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode, surge protection level until 2 kV

Versions



LED Module 1000 lm - 830 warm white - Power supply unit - Very wide beam angle 100°



LED Module 2000 lm - 830 warm white - Power supply unit - Very wide beam angle 100°



LED module 5000 lm - 830 warm white - Power supply unit - Very wide beam angle 100°



LED module 10000 lm - 840 neutral white - Power supply unit - Very wide beam angle 100°

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Versions



LED module 15000 lm - 840
neutral white - Power supply unit -
Very wide beam angle 100°



LED module 10000 lm - 840
neutral white - Power supply unit -
Asymmetrical

LED module 15000 lm - 840
neutral white - Power supply unit -
Asymmetrical



LED module 20000 lm - 840
neutral white - Power supply unit -
Asymmetrical

LED Module 1000 lm - 830 warm
white - Power supply unit - Very
wide beam angle 100°



LED module 5000 lm - 830 warm
white - Power supply unit - Very
wide beam angle 100°

Ledinaire floodlight 150W



Ledinaire floodlight

Application Conditions	
Maximum dim level	Not applicable
Controls and Dimming	
Dimmable	No
General Information	
CE mark	CE mark
Optical cover/lens type	Clear glass
Driver included	Yes
Flammability mark	-
Light source replaceable	No
Number of gear units	-
Light Technical	
Upward light output ratio	0
Mechanical and Housing	
Color	Aluminum and gray

Order Code	Full Product Name	Driver failure rate at 5000 h
911401730422	BVP154 LED10/830 PSU 10W VWB CE	0.2 %
911401730432	BVP154 LED10/840 PSU 10W VWB CE	0.2 %
911401851281	BVP154 LED10/857 PSU 10W VWB CE	-
911401730442	BVP154 LED20/830 PSU 20W VWB CE	0.2 %
911401730452	BVP154 LED21/840 PSU 20W VWB CE	0.2 %
911401851381	BVP154 LED21/857 PSU 20W VWB CE	-
911401730462	BVP154 LED50/830 PSU 50W VWB CE	0.2 %
911401730472	BVP154 LED52/840 PSU 50W VWB CE	0.2 %
911401851481	BVP154 LED52/857 PSU 50W VWB CE	-
911401733272	BVP155 LED105/840 PSU 100W VWB CE	0.2 %
911401851581	BVP155 LED105/857 PSU 100W VWB CE	-
911401733282	BVP155 LED157/840 PSU 150W VWB CE	0.2 %
911401733292	BVP155 LED210/840 PSU 200W VWB CE	0.2 %
911401851781	BVP155 LED210/857 PSU 200W VWB CE	-
911401733302	BVP155 LED100/840 PSU 100W AWB CE	0.2 %
911401733312	BVP155 LED150/840 PSU 150W AWB CE	0.2 %
911401733322	BVP155 LED200/840 PSU 200W AWB CE	0.2 %
911401733332	BVP154 LED10/830 PSU 10W VWB MDU CE	0.2 %
911401733342	BVP154 LED10/840 PSU 10W VWB MDU CE	0.2 %
911401733352	BVP154 LED20/830 PSU 20W VWB MDU CE	0.2 %
911401733362	BVP154 LED21/840 PSU 20W VWB MDU CE	0.2 %
911401733372	BVP154 LED50/830 PSU 50W VWB MDU CE	0.2 %
911401733382	BVP154 LED52/840 PSU 50W VWB MDU CE	0.2 %
911401851681	BVP155 LED157/857 PSU 150W VWB CE	-

Approval and Application

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
911401730422	BVP154 LED10/830 PSU 10W VWB CE	IK07	Surge protection level until 2 kV
911401730432	BVP154 LED10/840 PSU 10W VWB CE	IK07	Surge protection level until 2 kV
911401851281	BVP154 LED10/857 PSU 10W VWB CE	IK07	Surge protection level until 2 kV
911401730442	BVP154 LED20/830 PSU 20W VWB CE	IK07	Surge protection level until 2 kV
911401730452	BVP154 LED21/840 PSU 20W VWB CE	IK07	Surge protection level until 2 kV
911401851381	BVP154 LED21/857 PSU 20W VWB CE	IK07	Surge protection level until 2 kV
911401730462	BVP154 LED50/830 PSU 50W VWB CE	IK07	Surge protection level until 2 kV
911401730472	BVP154 LED52/840 PSU 50W VWB CE	IK07	Surge protection level until 2 kV
911401851481	BVP154 LED52/857 PSU 50W VWB CE	IK07	Surge protection level until 2 kV

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
911401733272	BVP155 LED105/840 PSU 100W VWB CE	IK08	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
911401851581	BVP155 LED105/857 PSU 100W VWB CE	IK07	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
911401733282	BVP155 LED157/840 PSU 150W VWB CE	IK08	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
911401733292	BVP155 LED210/840 PSU 200W VWB CE	IK08	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
911401851781	BVP155 LED210/857 PSU 200W VWB CE	IK07	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
911401733302	BVP155 LED100/840 PSU 100W AWB CE	IK08	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode

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Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
911401733312	BVP155 LED150/840 PSU 150W AWB CE	IK08	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
911401733322	BVP155 LED200/840 PSU 200W AWB CE	IK08	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
911401733332	BVP154 LED10/830 PSU 10W VWB MDU CE	IK07	Surge protection level until 2 kV
911401733342	BVP154 LED10/840 PSU 10W VWB MDU CE	IK07	Surge protection level until 2 kV
911401733352	BVP154 LED20/830 PSU 20W VWB MDU CE	IK07	Surge protection level until 2 kV

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
911401733362	BVP154 LED21/840 PSU 20W VWB MDU CE	IK07	Surge protection level until 2 kV
911401733372	BVP154 LED50/830 PSU 50W VWB MDU CE	IK07	Surge protection level until 2 kV
911401733382	BVP154 LED52/840 PSU 50W VWB MDU CE	IK07	Surge protection level until 2 kV
911401851681	BVP155 LED157/857 PSU 150W VWB CE	IK07	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode

General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Lamp family code	Optic type
911401730422	BVP154 LED10/830 PSU 10W VWB CE	100°	830 warm white	LED10	Very wide beam angle 100°
911401730432	BVP154 LED10/840 PSU 10W VWB CE	100°	840 neutral white	LED10	Very wide beam angle 100°
911401851281	BVP154 LED10/857 PSU 10W VWB CE	100°	857 daylight	-	Symmetrical wide beam
911401730442	BVP154 LED20/830 PSU 20W VWB CE	100°	830 warm white	LED20	Very wide beam angle 100°
911401730452	BVP154 LED21/840 PSU 20W VWB CE	100°	840 neutral white	LED20	Very wide beam angle 100°
911401851381	BVP154 LED21/857 PSU 20W VWB CE	100°	857 daylight	-	Symmetrical wide beam
911401730462	BVP154 LED50/830 PSU 50W VWB CE	100°	830 warm white	LED50	Very wide beam angle 100°
911401730472	BVP154 LED52/840 PSU 50W VWB CE	100°	840 neutral white	LED50	Very wide beam angle 100°
911401851481	BVP154 LED52/857 PSU 50W VWB CE	100°	857 daylight	-	Symmetrical wide beam
911401733272	BVP155 LED105/840 PSU 100W VWB CE	100°	840 neutral white	LED100	Very wide beam angle 100°

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Lamp family code	Optic type
911401851581	BVP155 LED105/857 PSU 100W VWB CE	100°	857 daylight	-	Symmetrical wide beam
911401733282	BVP155 LED157/840 PSU 150W VWB CE	100°	840 neutral white	LED150	Very wide beam angle 100°
911401733292	BVP155 LED210/840 PSU 200W VWB CE	100°	840 neutral white	LED200	Very wide beam angle 100°
911401851781	BVP155 LED210/857 PSU 200W VWB CE	100°	857 daylight	-	Symmetrical wide beam
911401733302	BVP155 LED100/840 PSU 100W AWB CE	30° x 80°	840 neutral white	LED100	Asymmetrical
911401733312	BVP155 LED150/840 PSU 150W AWB CE	30° x 80°	840 neutral white	LED150	Asymmetrical
911401733322	BVP155 LED200/840 PSU 200W AWB CE	30° x 80°	840 neutral white	LED200	Asymmetrical
911401733332	BVP154 LED10/830 PSU 10W VWB MDU CE	100°	830 warm white	LED10	Very wide beam angle 100°
911401733342	BVP154 LED10/840 PSU 10W VWB MDU CE	100°	840 neutral white	LED10	Very wide beam angle 100°
911401733352	BVP154 LED20/830 PSU 20W VWB MDU CE	100°	830 warm white	LED20	Very wide beam angle 100°

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Order Code	Full Product Name	Luminaire	Light	Lamp	Optic type
		light beam spread	source color	family code	
911401733362	BVP154	100°	840	LED20	Very wide beam angle 100°
	LED21/840 PSU		neutral		
	20W VWB MDU		white		
	CE				
911401733372	BVP154	100°	830 warm	LED50	Very wide beam angle 100°
	LED50/830 PSU		white		

Order Code	Full Product Name	Luminaire	Light	Lamp	Optic type
		light beam spread	source color	family code	
911401733382	BVP154	100°	840	LED50	Very wide beam angle 100°
	LED52/840 PSU		neutral		
911401851681	BVP155	100°	857	-	Symmetrical wide beam
	LED157/857 PSU		daylight		
	50W VWB MDU CE				
	50W VWB MDU CE				
	150W VWB CE				

General Information (2/2)

Order Code	Full Product Name	Service tag
911401730422	BVP154 LED10/830 PSU 10W VWB CE	-
911401730432	BVP154 LED10/840 PSU 10W VWB CE	-
911401851281	BVP154 LED10/857 PSU 10W VWB CE	No
911401730442	BVP154 LED20/830 PSU 20W VWB CE	-
911401730452	BVP154 LED21/840 PSU 20W VWB CE	-
911401851381	BVP154 LED21/857 PSU 20W VWB CE	No
911401730462	BVP154 LED50/830 PSU 50W VWB CE	-
911401730472	BVP154 LED52/840 PSU 50W VWB CE	-
911401851481	BVP154 LED52/857 PSU 50W VWB CE	No
911401733272	BVP155 LED105/840 PSU 100W VWB CE	-
911401851581	BVP155 LED105/857 PSU 100W VWB CE	No
911401733282	BVP155 LED157/840 PSU 150W VWB CE	-

Order Code	Full Product Name	Service tag
911401733292	BVP155 LED210/840 PSU 200W VWB CE	-
911401851781	BVP155 LED210/857 PSU 200W VWB CE	No
911401733302	BVP155 LED100/840 PSU 100W AWB CE	-
911401733312	BVP155 LED150/840 PSU 150W AWB CE	-
911401733322	BVP155 LED200/840 PSU 200W AWB CE	-
911401733332	BVP154 LED10/830 PSU 10W VWB MDU CE	-
911401733342	BVP154 LED10/840 PSU 10W VWB MDU CE	-
911401733352	BVP154 LED20/830 PSU 20W VWB MDU CE	-
911401733362	BVP154 LED21/840 PSU 20W VWB MDU CE	-
911401733372	BVP154 LED50/830 PSU 50W VWB MDU CE	-
911401733382	BVP154 LED52/840 PSU 50W VWB MDU CE	-
911401851681	BVP155 LED157/857 PSU 150W VWB CE	No

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color	Init. Color	Initial
		Temperature	Rendering Index	luminous flux
911401730422	BVP154 LED10/830 PSU 10W VWB CE	3000 K	80	1000 lm
911401730432	BVP154 LED10/840 PSU 10W VWB CE	4000 K	80	1050 lm
911401851281	BVP154 LED10/857 PSU 10W VWB CE	5700 K	>80	1050 lm
911401730442	BVP154 LED20/830 PSU 20W VWB CE	3000 K	80	2000 lm
911401730452	BVP154 LED21/840 PSU 20W VWB CE	4000 K	80	2100 lm
911401851381	BVP154 LED21/857 PSU 20W VWB CE	5700 K	>80	2100 lm
911401730462	BVP154 LED50/830 PSU 50W VWB CE	3000 K	80	5000 lm
911401730472	BVP154 LED52/840 PSU 50W VWB CE	4000 K	80	5250 lm
911401851481	BVP154 LED52/857 PSU 50W VWB CE	5700 K	>80	5250 lm

Order Code	Full Product Name	Init. Corr. Color	Init. Color	Initial
		Temperature	Rendering Index	luminous flux
911401733272	BVP155 LED105/840 PSU 100W VWB CE	4000 K	80	10500 lm
911401851581	BVP155 LED105/857 PSU 100W VWB CE	5700 K	>80	10500 lm
911401733282	BVP155 LED157/840 PSU 150W VWB CE	4000 K	80	15750 lm
911401733292	BVP155 LED210/840 PSU 200W VWB CE	4000 K	80	21000 lm
911401851781	BVP155 LED210/857 PSU 200W VWB CE	5700 K	>80	21000 lm
911401733302	BVP155 LED100/840 PSU 100W AWB CE	4000 K	80	10000 lm
911401733312	BVP155 LED150/840 PSU 150W AWB CE	4000 K	80	15000 lm
911401733322	BVP155 LED200/840 PSU 200W AWB CE	4000 K	80	20000 lm
911401733332	BVP154 LED10/830 PSU 10W VWB MDU CE	3000 K	80	1000 lm

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Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
911401733342	BVP154 LED10/840 PSU 10W VWB MDU CE	4000 K	80	1050 lm
911401733352	BVP154 LED20/830 PSU 20W VWB MDU CE	3000 K	80	2000 lm
911401733362	BVP154 LED21/840 PSU 20W VWB MDU CE	4000 K	80	2100 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
911401733372	BVP154 LED50/830 PSU 50W VWB MDU CE	3000 K	80	5000 lm
911401733382	BVP154 LED52/840 PSU 50W VWB MDU CE	4000 K	80	5250 lm
911401851681	BVP155 LED157/857 PSU 150W VWB CE	5700 K	>80	15750 lm

Light Technical

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
911401730422	BVP154 LED10/830 PSU 10W VWB CE	0°	0°
911401730432	BVP154 LED10/840 PSU 10W VWB CE	0°	0°
911401851281	BVP154 LED10/857 PSU 10W VWB CE	-	-
911401730442	BVP154 LED20/830 PSU 20W VWB CE	0°	0°
911401730452	BVP154 LED21/840 PSU 20W VWB CE	0°	0°
911401851381	BVP154 LED21/857 PSU 20W VWB CE	-	-
911401730462	BVP154 LED50/830 PSU 50W VWB CE	0°	0°
911401730472	BVP154 LED52/840 PSU 50W VWB CE	0°	0°
911401851481	BVP154 LED52/857 PSU 50W VWB CE	-	-
911401733272	BVP155 LED105/840 PSU 100W VWB CE	0°	0°
911401851581	BVP155 LED105/857 PSU 100W VWB CE	-	-
911401733282	BVP155 LED157/840 PSU 150W VWB CE	0°	0°
911401733292	BVP155 LED210/840 PSU 200W VWB CE	0°	0°
911401851781	BVP155 LED210/857 PSU 200W VWB CE	-	-
911401733302	BVP155 LED100/840 PSU 100W AWB CE	0°	0°
911401733312	BVP155 LED150/840 PSU 150W AWB CE	0°	0°

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
911401733322	BVP155 LED200/840 PSU 200W AWB CE	0°	0°
911401733332	BVP154 LED10/830 PSU 10W VWB MDU CE	0°	0°
911401733342	BVP154 LED10/840 PSU 10W VWB MDU CE	0°	0°
911401733352	BVP154 LED20/830 PSU 20W VWB MDU CE	0°	0°
911401733362	BVP154 LED21/840 PSU 20W VWB MDU CE	0°	0°
911401733372	BVP154 LED50/830 PSU 50W VWB MDU CE	0°	0°
911401733382	BVP154 LED52/840 PSU 50W VWB MDU CE	0°	0°
911401851681	BVP155 LED157/857 PSU 150W VWB CE	-	-

