



ClearFlood – real LED solution for sports and area lighting

ClearFlood

ClearFlood is a range of floodlights that lets you choose the exact number of lumens you need for your application. Designed around state-of-the-art LEDs and extremely high-efficiency optics, this very competitive solution offers an industry-leading lux per euro ratio and significant energy savings. The choice of different optics opens up new application possibilities for LEDs. ClearFlood is easy to install and perfect for replacing conventional light-points as it uses the same electrical installation and poles. Selecting the required light output is also straightforward.

Benefits

- Designed for 1:1 retrofit, with high energy savings and a fast return on investment
- Easy to select the required lumen performance
- Five different optics ensure versatility in application

Features

- 10 lumen outputs in one form factor
- Easy replacement of gear and PCB
- CLO, DALI, 1-10 V controls
- High LED and optical efficiency
- 100% Philips components

Application

- Small-scale recreational sports facilities
- Industrial areas
- Parking lots
- Building facades
- Billboards

Specifications

Type	BVP650:LEDxxx-4S
Light source	Integral LED-module
Power (+/-10%)	Up to 300 W depending on configuration
Luminous flux	Nominal: 7000-44000 lm System: 6000-37000 lm depending on configuration
Luminaire efficacy	Up to 145 lm/W average
Correlated Color	3000, 4000 or 5700 K
Temperature	
Color Rendering Index	80 / 70 / 70
Lumen maintenance at median useful life*	up to L95
100000 h	
Control gear failure rate at median useful life	10%
100000 h	
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-40 to +50 °C depending on configuration
Driver	Built-in (self-ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Options	Class I or II DC emergency, on request (MSP) Marine Salt Protection (1000 h)
Power factor	>0.95
Power/data supply	Philips Xitanium 150 W
Surge protection	6 kV
Controls	DynaDimmer (5 step) Constant light output (CLO) Module Temperature Protection (NTC) AmpDim (mains dimming) CityTouch ready; GPRS antenna DALI

Controls system input	DALI
Optic	Asymmetrical optics complete sets with or without internal back light controls louvers (OFA52, DX10, DX50, DX51 and DX60) Symmetrical (S) Medium and large road optics set with or without internal louvers
Optical cover	Clear tempered glass, flat
Material	Housing: die-cast aluminum Universal bracket: sheet steel, galvanized Optional seafront special paint protection
Color	Gray aluminum (RAL9007) Other colors on request
Connection	Mains via M20 cable glands that accept cable diameters from 10 mm to 14 mm. External control command DALI (D9) via a cable gland M20 (same as mains supply) accepting cable diameters from 10 mm to 14 mm (screw-less terminals suitable wires up to 2.5 mm ²) or cable entry via 2 cable glands M16 (DALI in / out DALI).
Maintenance	From below by opening the housing with a single quick-release clip
Installation	On roof, mast harrow, or indoor gateway U-bracket stirrup with standard bolts and nuts Protractor scale with intervals of 5° Vertical aiming from the horizontal: -90 to +90° Max adjustment from the horizontal: -170 to +170° SCx: at 90° : 0.26m ² , at 0° : 0.04m ² , at 15° : 0.1m ²
Certification	CE, ENEC, ENEC+, 005, VDE Ball-proof

Versions



ClearFlood BVP650 floodlighting luminaire

ClearFlood

Product details



Easy to plug in. No tooling required



Hinge for opening



Bracket for mounting/tilting
Designed for 1:1 HID retrofit



Memory End cap, Protractor scale
with intervals of 5°



Side view

Approval and Application

Mech. impact protection code	IK09
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	No
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General Information

CE mark	CE mark
Light source color	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	F
Light source replaceable	Yes
Product Family Code	BVP650

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥70

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0

Operating and Electrical

Order Code	Full Product Name	Driver current
09028900	BVP650 LED80--4S/740 PSU S ALU	362 mA
09029600	BVP650 LED100--4S/740 PSU S ALU	340 mA
09030200	BVP650 LED120--4S/740 PSU S ALU	410 mA
09031900	BVP650 LED140--4S/740 PSU S ALU	375 mA
09032600	BVP650 LED160--4S/740 PSU S ALU	435 mA
09033300	BVP650 LED180--4S/740 PSU S ALU	490 mA
09034000	BVP650 LED200--4S/740 PSU S ALU	555 mA
09035700	BVP650 LED220--4S/740 PSU S ALU	615 mA
09036400	BVP650 LED240--4S/740 PSU S ALU	445 mA
09037100	BVP650 LED260--4S/740 PSU S ALU	483 mA
09038800	BVP650 LED280--4S/740 PSU S ALU	530 mA
09039500	BVP650 LED300--4S/740 PSU S ALU	571 mA
09040100	BVP650 LED320--4S/740 PSU S ALU	615 mA
09041800	BVP650 LED340--4S/740 PSU S ALU	660 mA
09043200	BVP650 LED80--4S/740 PSU OFA52 ALU	362 mA
09044900	BVP650 LED100--4S/740 PSU OFA52 ALU	340 mA
09045600	BVP650 LED120--4S/740 PSU OFA52 ALU	410 mA
09046300	BVP650 LED140--4S/740 PSU OFA52 ALU	375 mA
09047000	BVP650 LED160--4S/740 PSU OFA52 ALU	435 mA
09048700	BVP650 LED180--4S/740 PSU OFA52 ALU	490 mA
09049400	BVP650 LED200--4S/740 PSU OFA52 ALU	555 mA
09050000	BVP650 LED220--4S/740 PSU OFA52 ALU	615 mA
09051700	BVP650 LED240--4S/740 PSU OFA52 ALU	445 mA
09052400	BVP650 LED260--4S/740 PSU OFA52 ALU	483 mA
09053100	BVP650 LED280--4S/740 PSU OFA52 ALU	530 mA
09054800	BVP650 LED300--4S/740 PSU OFA52 ALU	571 mA
09055500	BVP650 LED320--4S/740 PSU OFA52 ALU	615 mA
09056200	BVP650 LED340--4S/740 PSU OFA52 ALU	660 mA
09086900	BVP650 LED340--4S/740 PSU DW10 ALU	660 mA
09088300	BVP650 LED80--4S/740 PSU DX10 ALU	362 mA
09090600	BVP650 LED120--4S/740 PSU DX10 ALU	410 mA
09865000	BVP650 LED360-4S/740 S ALU PSU	700 mA
09866700	BVP650 LED380-4S/740 S ALU PSU	780 mA
09867400	BVP650 LED400-4S/740 S ALU PSU	780 mA
09868100	BVP650 LED360-4S/740 OFA52 ALU PSU	700 mA
09869800	BVP650 LED380--4S/740 PSU OFA52 ALU	780 mA
09870400	BVP650 LED400--4S/740 PSU OFA52 ALU	780 mA
09871100	BVP650 LED360-4S/740 DX50 ALU PSU	700 mA
09872800	BVP650 LED380-4S/740 DX50 ALU PSU	780 mA
09873500	BVP650 LED400-4S/740 DX50 ALU PSU	780 mA
09877300	BVP650 LED360-4S/740 DX10 ALU PSU	700 mA
09878000	BVP650 LED380-4S/740 DX10 ALU PSU	780 mA
09879700	BVP650 LED400-4S/740 DX10 ALU PSU	780 mA
09898800	BVP650 LED360--4S/740 PSU DX51 ALU	700 mA
09899500	BVP650 LED380--4S/740 PSU DX51 ALU	780 mA
09900800	BVP650 LED400--4S/740 PSU DX51 ALU	780 mA
12888300	BVP650 LED420-4S/740 S ALU PSU	-
12889000	BVP650 LED420-4S/740 OFA52 ALU PSU	-
12890600	BVP650 LED420-4S/740 DX50 ALU PSU	-
12891300	BVP650 LED420-4S/740 DX51 ALU PSU	-
12895100	BVP650 LED440-4S/740 S ALU PSU	-

Order Code	Full Product Name	Driver current
12896800	BVP650 LED440-4S/740 OFA52 ALU PSU	-
12897500	BVP650 LED440-4S/740 DX50 ALU PSU	-
12898200	BVP650 LED440-4S/740 DX51 ALU PSU	-
45110300	BVP650 LED360-4S/740 DX60 ALU PSU	-
45111000	BVP650 LED380-4S/740 DX60 ALU PSU	-
45112700	BVP650 LED400-4S/740 DX60 ALU PSU	-
45113400	BVP650 LED420-4S/740 DX60 ALU PSU	-
45114100	BVP650 LED440-4S/740 DX60 ALU PSU	-

General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Gear	Glow-wire test	Lamp family code	Order Code	Full Product Name	Luminaire light beam spread	Gear	Glow-wire test	Lamp family code
09028900	BVP650 LED80--4S/740 PSU S ALU	72° x 22°	EB	960/5	LED80	09048700	BVP650 LED180--4S/740 PSU OFA52 ALU	130° x 97°	EB	960/5	LED180
09029600	BVP650 LED100--4S/740 PSU S ALU	72° x 22°	EB	960/5	LED100	09049400	BVP650 LED200--4S/740 PSU OFA52 ALU	130° x 97°	EB	960/5	LED200
09030200	BVP650 LED120--4S/740 PSU S ALU	72° x 22°	EB	960/5	LED120	09050000	BVP650 LED220--4S/740 PSU OFA52 ALU	108° x 113°	EB	960/5	LED220
09031900	BVP650 LED140--4S/740 PSU S ALU	140° x 70°	EB	960/5	LED140	09051700	BVP650 LED240--4S/740 PSU OFA52 ALU	108° x 113°	EB	960/5	LED240
09032600	BVP650 LED160--4S/740 PSU S ALU	140° x 70°	EB	960/5	LED160	09052400	BVP650 LED260--4S/740 PSU OFA52 ALU	86° x 188°	EB	960/5	LED260
09033300	BVP650 LED180--4S/740 PSU S ALU	130° x 97°	EB	960/5	LED180	09053100	BVP650 LED280--4S/740 PSU OFA52 ALU	86° x 188°	EB	960/5	LED280
09034000	BVP650 LED200--4S/740 PSU S ALU	130° x 97°	EB	960/5	LED200	09054800	BVP650 LED300--4S/740 PSU OFA52 ALU	88° x 187°	EB	960/5	LED300
09035700	BVP650 LED220--4S/740 PSU S ALU	108° x 113°	EB	960/5	LED220	09055500	BVP650 LED320--4S/740 PSU OFA52 ALU	88° x 187°	EB	960/5	LED320
09036400	BVP650 LED240--4S/740 PSU S ALU	108° x 113°	EB	960/5	LED240	09056200	BVP650 LED340--4S/740 PSU OFA52 ALU	72° x 22°	EB	960/5	LED340
09037100	BVP650 LED260--4S/740 PSU S ALU	86° x 188°	EB	960/5	LED260	09086900	BVP650 LED340--4S/740 PSU DW10 ALU	72° x 22°	EB	960/5	LED340
09038800	BVP650 LED280--4S/740 PSU S ALU	86° x 188°	EB	960/5	LED280	09088300	BVP650 LED80--4S/740 PSU DX10 ALU	72° x 22°	EB	960/5	LED80
09039500	BVP650 LED300--4S/740 PSU S ALU	88° x 187°	EB	960/5	LED300	09090600	BVP650 LED120--4S/740 PSU DX10 ALU	108° x 113°	EB	960/5	LED120
09040100	BVP650 LED320--4S/740 PSU S ALU	88° x 187°	EB	960/5	LED320	09865000	BVP650 LED360-4S/740 S ALU PSU	83° x 130°	EB	960/5	LED360
09041800	BVP650 LED340--4S/740 PSU S ALU	72° x 22°	EB	960/5	LED340	09866700	BVP650 LED380-4S/740 S ALU PSU	83° x 130°	EB	960/5	LED380
09043200	BVP650 LED80--4S/740 PSU OFA52 ALU	72° x 22°	EB	960/5	LED80	09867400	BVP650 LED400-4S/740 S ALU PSU	83° x 130°	EB	960/5	LED400
09044900	BVP650 LED100--4S/740 PSU OFA52 ALU	88° x 157°	EB	960/5	LED100	09868100	BVP650 LED360-4S/740 OFA52 ALU PSU	86° x 188°	EB	960/5	LED360
09045600	BVP650 LED120--4S/740 PSU OFA52 ALU	88° x 157°	EB	960/5	LED120	09869800	BVP650 LED380--4S/740 PSU OFA52 ALU	83° x 130°	EB	960/5	LED380
09046300	BVP650 LED140--4S/740 PSU OFA52 ALU	140° x 70°	EB	960/5	LED140	09870400	BVP650 LED400--4S/740 PSU OFA52 ALU	83° x 130°	EB	960/5	LED400
09047000	BVP650 LED160--4S/740 PSU OFA52 ALU	140° x 70°	EB	960/5	LED160	09871100	BVP650 LED360-4S/740 DX50 ALU PSU	83° x 130°	EB	960/5	LED360

Order Code	Full Product Name	Luminaire light beam spread	Gear	Glow-wire test	Lamp family code
09872800	BVP650 LED380--4S/740 DX50 ALU PSU	83° x 130°	EB	960/5	LED380
09873500	BVP650 LED400--4S/740 DX50 ALU PSU	140° x 70°	EB	960/5	LED400
09877300	BVP650 LED360--4S/740 DX10 ALU PSU	108° x 113°	EB	960/5	LED360
09878000	BVP650 LED380--4S/740 DX10 ALU PSU	88° x 187°	EB	960/5	LED380
09879700	BVP650 LED400--4S/740 DX10 ALU PSU	140° x 70°	EB	960/5	LED400
09898800	BVP650 LED360--4S/740 PSU DX51 ALU	140° x 70°	EB	960/5	LED360
09899500	BVP650 LED380--4S/740 PSU DX51 ALU	130° x 97°	EB	960/5	LED380
09900800	BVP650 LED400--4S/740 PSU DX51 ALU	108° x 113°	EB	960/5	LED400
12888300	BVP650 LED420--4S/740 S ALU PSU	70° x 21°	-	-	LED420
12889000	BVP650 LED420--4S/740 OFA52 ALU PSU	39° - 11° x 98°	-	-	LED420
12890600	BVP650 LED420--4S/740 DX50 ALU PSU	17° - 5° x 132°	-	-	LED420

Order Code	Full Product Name	Luminaire light beam spread	Gear	Glow-wire test	Lamp family code
12891300	BVP650 LED420--4S/740 DX51 ALU PSU	14° - 5° x 132°	-	-	LED420
12895100	BVP650 LED440--4S/740 S ALU PSU	70° x 21°	-	-	LED440
12896800	BVP650 LED440--4S/740 OFA52 ALU PSU	39° - 11° x 98°	-	-	LED440
12897500	BVP650 LED440--4S/740 DX50 ALU PSU	17° - 5° x 132°	-	-	LED440
12898200	BVP650 LED440--4S/740 DX51 ALU PSU	14° - 5° x 132°	-	-	LED440
45110300	BVP650 LED360--4S/740 DX60 ALU PSU	8° - 26° x 82°	-	-	LED360
45111000	BVP650 LED380--4S/740 DX60 ALU PSU	8° - 26° x 82°	-	-	LED380
45112700	BVP650 LED400--4S/740 DX60 ALU PSU	8° - 26° x 82°	-	-	LED400
45113400	BVP650 LED420--4S/740 DX60 ALU PSU	8° - 26° x 82°	-	-	LED420
45114100	BVP650 LED440--4S/740 DX60 ALU PSU	8° - 26° x 82°	-	-	LED440

General Information (2/2)

Order Code	Full Product Name	Lamp version	Number of gear units	Number of light sources	Optic type	Service tag	UL mark
09028900	BVP650 LED80--4S/740 PSU S ALU	4S	1 unit	48	Symmetrical	Yes	-
09029600	BVP650 LED100--4S/740 PSU S ALU	4S	1 unit	64	Symmetrical	-	-
09030200	BVP650 LED120--4S/740 PSU S ALU	4S	1 unit	64	Symmetrical	-	-
09031900	BVP650 LED140--4S/740 PSU S ALU	4S	2 units	82 pcs	Symmetrical	-	-
09032600	BVP650 LED160--4S/740 PSU S ALU	4S	2 units	82 pcs	Symmetrical	-	-
09033300	BVP650 LED180--4S/740 PSU S ALU	4S	2 units	82 pcs	Symmetrical	-	-
09034000	BVP650 LED200--4S/740 PSU S ALU	4S	2 units	82 pcs	Symmetrical	-	-
09035700	BVP650 LED220--4S/740 PSU S ALU	4S	2 units	82 pcs	Symmetrical	-	-
09036400	BVP650 LED240--4S/740 PSU S ALU	4S	2 units	120	Symmetrical	-	-
09037100	BVP650 LED260--4S/740 PSU S ALU	4S	2 units	120	Symmetrical	-	-
09038800	BVP650 LED280--4S/740 PSU S ALU	4S	2 units	120	Symmetrical	-	-
09039500	BVP650 LED300--4S/740 PSU S ALU	4S	2 units	120	Symmetrical	-	-
09040100	BVP650 LED320--4S/740 PSU S ALU	4S	2 units	120	Symmetrical	-	-
09041800	BVP650 LED340--4S/740 PSU S ALU	4S	2 units	120	Symmetrical	-	-
09043200	BVP650 LED80--4S/740 PSU OFA52 ALU	4S	1 unit	48	Optiflux asymmetrical axis angle 52°	-	-
09044900	BVP650 LED100--4S/740 PSU OFA52 ALU	4S	1 unit	64	Optiflux asymmetrical axis angle 52°	-	-
09045600	BVP650 LED120--4S/740 PSU OFA52 ALU	4S	1 unit	64	Optiflux asymmetrical axis angle 52°	-	-
09046300	BVP650 LED140--4S/740 PSU OFA52 ALU	4S	2 units	82 pcs	Optiflux asymmetrical axis angle 52°	-	-
09047000	BVP650 LED160--4S/740 PSU OFA52 ALU	4S	2 units	82 pcs	Optiflux asymmetrical axis angle 52°	-	-
09048700	BVP650 LED180--4S/740 PSU OFA52 ALU	4S	2 units	82 pcs	Optiflux asymmetrical axis angle 52°	-	-
09049400	BVP650 LED200--4S/740 PSU OFA52 ALU	4S	2 units	82 pcs	Optiflux asymmetrical axis angle 52°	-	-
09050000	BVP650 LED220--4S/740 PSU OFA52 ALU	4S	2 units	82 pcs	Optiflux asymmetrical axis angle 52°	-	-
09051700	BVP650 LED240--4S/740 PSU OFA52 ALU	4S	2 units	120	Optiflux asymmetrical axis angle 52°	-	-
09052400	BVP650 LED260--4S/740 PSU OFA52 ALU	4S	2 units	120	Optiflux asymmetrical axis angle 52°	-	-

Order Code	Full Product Name	Lamp version	Number of gear units	Number of light sources	Optic type	Service tag	UL mark
09053100	BVP650 LED280--4S/740 PSU OFA52 ALU	4S	2 units	120	Optiflux asymmetrical axis angle 52°	-	-
09054800	BVP650 LED300--4S/740 PSU OFA52 ALU	4S	2 units	120	Optiflux asymmetrical axis angle 52°	-	-
09055500	BVP650 LED320--4S/740 PSU OFA52 ALU	4S	2 units	120	Optiflux asymmetrical axis angle 52°	-	-
09056200	BVP650 LED340--4S/740 PSU OFA52 ALU	4S	2 units	120	Optiflux asymmetrical axis angle 52°	-	-
09086900	BVP650 LED340--4S/740 PSU DW10 ALU	4S	2 units	120	Distribution wide 10	-	-
09088300	BVP650 LED80--4S/740 PSU DX10 ALU	4S	1 unit	48	Distribution extra wide 10	-	-
09090600	BVP650 LED120--4S/740 PSU DX10 ALU	4S	1 unit	64	Distribution extra wide 10	-	-
09865000	BVP650 LED360--4S/740 S ALU PSU	4S	2 units	120	Symmetrical	-	-
09866700	BVP650 LED380--4S/740 S ALU PSU	4S	2 units	120	Symmetrical	-	-
09867400	BVP650 LED400--4S/740 S ALU PSU	4S	2 units	120	Symmetrical	-	-
09868100	BVP650 LED360--4S/740 OFA52 ALU PSU	4S	2 units	120	Optiflux asymmetrical axis angle 52°	-	-
09869800	BVP650 LED380--4S/740 PSU OFA52 ALU	4S	2 units	120	Optiflux asymmetrical axis angle 52°	-	-
09870400	BVP650 LED400--4S/740 PSU OFA52 ALU	4S	2 units	120	Optiflux asymmetrical axis angle 52°	-	-
09871100	BVP650 LED360--4S/740 DX50 ALU PSU	4S	2 units	120	Distribution extra wide 50	-	-
09872800	BVP650 LED380--4S/740 DX50 ALU PSU	4S	2 units	120	Distribution extra wide 50	-	-
09873500	BVP650 LED400--4S/740 DX50 ALU PSU	4S	2 units	120	Distribution extra wide 50	-	-
09877300	BVP650 LED360--4S/740 DX10 ALU PSU	4S	2 units	120	Distribution extra wide 10	-	-
09878000	BVP650 LED380--4S/740 DX10 ALU PSU	4S	2 units	120	Distribution extra wide 10	-	-
09879700	BVP650 LED400--4S/740 DX10 ALU PSU	4S	2 units	120	Distribution extra wide 10	-	-
09898800	BVP650 LED360--4S/740 PSU DX51 ALU	4S	2 units	120	Distribution extra wide 51	-	-
09899500	BVP650 LED380--4S/740 PSU DX51 ALU	4S	2 units	120	Distribution extra wide 51	-	-
09900800	BVP650 LED400--4S/740 PSU DX51 ALU	4S	2 units	120	Distribution extra wide 51	-	-
12888300	BVP650 LED420--4S/740 S ALU PSU	-	2 units	-	Symmetrical	-	-
12889000	BVP650 LED420--4S/740 OFA52 ALU PSU	-	2 units	-	Optiflux asymmetrical axis angle 52°	-	-
12890600	BVP650 LED420--4S/740 DX50 ALU PSU	-	2 units	-	Distribution extra wide 50	-	-
12891300	BVP650 LED420--4S/740 DX51 ALU PSU	-	2 units	-	Distribution extra wide 51	-	-
12895100	BVP650 LED440--4S/740 S ALU PSU	-	2 units	-	Symmetrical	-	-
12896800	BVP650 LED440--4S/740 OFA52 ALU PSU	-	2 units	-	Optiflux asymmetrical axis angle 52°	-	-
12897500	BVP650 LED440--4S/740 DX50 ALU PSU	-	2 units	-	Distribution extra wide 50	-	-
12898200	BVP650 LED440--4S/740 DX51 ALU PSU	-	2 units	-	Distribution extra wide 51	-	-
45110300	BVP650 LED360--4S/740 DX60 ALU PSU	-	2 units	-	Distribution extra wide 60	-	-
45111000	BVP650 LED380--4S/740 DX60 ALU PSU	-	2 units	-	Distribution extra wide 60	-	-
45112700	BVP650 LED400--4S/740 DX60 ALU PSU	-	2 units	-	Distribution extra wide 60	-	-
45113400	BVP650 LED420--4S/740 DX60 ALU PSU	-	2 units	-	Distribution extra wide 60	-	-
45114100	BVP650 LED440--4S/740 DX60 ALU PSU	-	2 units	-	Distribution extra wide 60	-	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Order Code	Full Product Name	Initial luminous flux
09028900	BVP650 LED80--4S/740 PSU S ALU	7200 lm	09041800	BVP650 LED340--4S/740 PSU S ALU	29920 lm
09029600	BVP650 LED100--4S/740 PSU S ALU	9000 lm	09043200	BVP650 LED80--4S/740 PSU OFA52 ALU	7120 lm
09030200	BVP650 LED120--4S/740 PSU S ALU	10800 lm	09044900	BVP650 LED100--4S/740 PSU OFA52 ALU	8900 lm
09031900	BVP650 LED140--4S/740 PSU S ALU	12600 lm	09045600	BVP650 LED120--4S/740 PSU OFA52 ALU	10680 lm
09032600	BVP650 LED160--4S/740 PSU S ALU	14240 lm	09046300	BVP650 LED140--4S/740 PSU OFA52 ALU	12460 lm
09033300	BVP650 LED180--4S/740 PSU S ALU	16020 lm	09047000	BVP650 LED160--4S/740 PSU OFA52 ALU	14080 lm
09034000	BVP650 LED200--4S/740 PSU S ALU	17800 lm	09048700	BVP650 LED180--4S/740 PSU OFA52 ALU	15840 lm
09035700	BVP650 LED220--4S/740 PSU S ALU	19580 lm	09049400	BVP650 LED200--4S/740 PSU OFA52 ALU	17600 lm
09036400	BVP650 LED240--4S/740 PSU S ALU	21360 lm	09050000	BVP650 LED220--4S/740 PSU OFA52 ALU	19360 lm
09037100	BVP650 LED260--4S/740 PSU S ALU	23140 lm	09051700	BVP650 LED240--4S/740 PSU OFA52 ALU	21120 lm
09038800	BVP650 LED280--4S/740 PSU S ALU	24640 lm	09052400	BVP650 LED260--4S/740 PSU OFA52 ALU	22880 lm
09039500	BVP650 LED300--4S/740 PSU S ALU	26400 lm	09053100	BVP650 LED280--4S/740 PSU OFA52 ALU	24360 lm
09040100	BVP650 LED320--4S/740 PSU S ALU	28160 lm	09054800	BVP650 LED300--4S/740 PSU OFA52 ALU	26100 lm

Order Code	Full Product Name	Initial luminous flux
09055500	BVP650 LED320--4S/740 PSU OFA52 ALU	27840 lm
09056200	BVP650 LED340--4S/740 PSU OFA52 ALU	29580 lm
09086900	BVP650 LED340--4S/740 PSU DW10 ALU	29580 lm
09088300	BVP650 LED80--4S/740 PSU DX10 ALU	6800 lm
09090600	BVP650 LED120--4S/740 PSU DX10 ALU	10200 lm
09865000	BVP650 LED360-4S/740 S ALU PSU	31320 lm
09866700	BVP650 LED380-4S/740 S ALU PSU	33060 lm
09867400	BVP650 LED400-4S/740 S ALU PSU	34800 lm
09868100	BVP650 LED360-4S/740 OFA52 ALU PSU	30960 lm
09869800	BVP650 LED380--4S/740 PSU OFA52 ALU	32680 lm
09870400	BVP650 LED400--4S/740 PSU OFA52 ALU	34400 lm
09871100	BVP650 LED360-4S/740 DX50 ALU PSU	29880 lm
09872800	BVP650 LED380-4S/740 DX50 ALU PSU	31540 lm
09873500	BVP650 LED400-4S/740 DX50 ALU PSU	33200 lm
09877300	BVP650 LED360-4S/740 DX10 ALU PSU	29520 lm
09878000	BVP650 LED380-4S/740 DX10 ALU PSU	31160 lm
09879700	BVP650 LED400-4S/740 DX10 ALU PSU	32800 lm

Order Code	Full Product Name	Initial luminous flux
09898800	BVP650 LED360--4S/740 PSU DX51 ALU	18360 lm
09899500	BVP650 LED380--4S/740 PSU DX51 ALU	19380 lm
09900800	BVP650 LED400--4S/740 PSU DX51 ALU	20400 lm
12888300	BVP650 LED420-4S/740 S ALU PSU	36120 lm
12889000	BVP650 LED420-4S/740 OFA52 ALU PSU	35700 lm
12890600	BVP650 LED420-4S/740 DX50 ALU PSU	34440 lm
12891300	BVP650 LED420-4S/740 DX51 ALU PSU	21000 lm
12895100	BVP650 LED440-4S/740 S ALU PSU	37840 lm
12896800	BVP650 LED440-4S/740 OFA52 ALU PSU	37400 lm
12897500	BVP650 LED440-4S/740 DX50 ALU PSU	36080 lm
12898200	BVP650 LED440-4S/740 DX51 ALU PSU	22000 lm
45110300	BVP650 LED360-4S/740 DX60 ALU PSU	32400 lm
45111000	BVP650 LED380-4S/740 DX60 ALU PSU	34200 lm
45112700	BVP650 LED400-4S/740 DX60 ALU PSU	36000 lm
45113400	BVP650 LED420-4S/740 DX60 ALU PSU	37380 lm
45114100	BVP650 LED440-4S/740 DX60 ALU PSU	39160 lm

Mechanical and Housing

Order Code	Full Product Name	Color
09028900	BVP650 LED80--4S/740 PSU S ALU	Aluminum
09029600	BVP650 LED100--4S/740 PSU S ALU	Aluminum
09030200	BVP650 LED120--4S/740 PSU S ALU	Aluminum
09031900	BVP650 LED140--4S/740 PSU S ALU	Aluminum
09032600	BVP650 LED160--4S/740 PSU S ALU	Aluminum
09033300	BVP650 LED180--4S/740 PSU S ALU	Aluminum
09034000	BVP650 LED200--4S/740 PSU S ALU	Aluminum
09035700	BVP650 LED220--4S/740 PSU S ALU	Aluminum
09036400	BVP650 LED240--4S/740 PSU S ALU	Aluminum
09037100	BVP650 LED260--4S/740 PSU S ALU	Aluminum
09038800	BVP650 LED280--4S/740 PSU S ALU	Aluminum
09039500	BVP650 LED300--4S/740 PSU S ALU	Aluminum
09040100	BVP650 LED320--4S/740 PSU S ALU	Aluminum
09041800	BVP650 LED340--4S/740 PSU S ALU	Aluminum
09043200	BVP650 LED80--4S/740 PSU OFA52 ALU	Aluminum
09044900	BVP650 LED100--4S/740 PSU OFA52 ALU	Aluminum
09045600	BVP650 LED120--4S/740 PSU OFA52 ALU	Aluminum
09046300	BVP650 LED140--4S/740 PSU OFA52 ALU	Aluminum
09047000	BVP650 LED160--4S/740 PSU OFA52 ALU	Aluminum
09048700	BVP650 LED180--4S/740 PSU OFA52 ALU	Aluminum
09049400	BVP650 LED200--4S/740 PSU OFA52 ALU	Aluminum
09050000	BVP650 LED220--4S/740 PSU OFA52 ALU	Aluminum
09051700	BVP650 LED240--4S/740 PSU OFA52 ALU	Aluminum
09052400	BVP650 LED260--4S/740 PSU OFA52 ALU	Aluminum
09053100	BVP650 LED280--4S/740 PSU OFA52 ALU	Aluminum
09054800	BVP650 LED300--4S/740 PSU OFA52 ALU	Aluminum
09055500	BVP650 LED320--4S/740 PSU OFA52 ALU	Aluminum
09056200	BVP650 LED340--4S/740 PSU OFA52 ALU	Aluminum
09086900	BVP650 LED340--4S/740 PSU DW10 ALU	Aluminum
09088300	BVP650 LED80--4S/740 PSU DX10 ALU	Aluminum

Order Code	Full Product Name	Color
09090600	BVP650 LED120--4S/740 PSU DX10 ALU	Aluminum
09865000	BVP650 LED360-4S/740 S ALU PSU	Gray
09866700	BVP650 LED380-4S/740 S ALU PSU	Gray
09867400	BVP650 LED400-4S/740 S ALU PSU	Gray
09868100	BVP650 LED360-4S/740 OFA52 ALU PSU	Aluminum
09869800	BVP650 LED380--4S/740 PSU OFA52 ALU	Aluminum
09870400	BVP650 LED400--4S/740 PSU OFA52 ALU	Aluminum
09871100	BVP650 LED360-4S/740 DX50 ALU PSU	Gray
09872800	BVP650 LED380-4S/740 DX50 ALU PSU	Gray
09873500	BVP650 LED400-4S/740 DX50 ALU PSU	Gray
09877300	BVP650 LED360-4S/740 DX10 ALU PSU	Gray
09878000	BVP650 LED380-4S/740 DX10 ALU PSU	Gray
09879700	BVP650 LED400-4S/740 DX10 ALU PSU	Gray
09898800	BVP650 LED360--4S/740 PSU DX51 ALU	Gray
09899500	BVP650 LED380--4S/740 PSU DX51 ALU	Gray
09900800	BVP650 LED400--4S/740 PSU DX51 ALU	Gray
12888300	BVP650 LED420-4S/740 S ALU PSU	Gray
12889000	BVP650 LED420-4S/740 OFA52 ALU PSU	Gray
12890600	BVP650 LED420-4S/740 DX50 ALU PSU	Gray
12891300	BVP650 LED420-4S/740 DX51 ALU PSU	Gray
12895100	BVP650 LED440-4S/740 S ALU PSU	Gray
12896800	BVP650 LED440-4S/740 OFA52 ALU PSU	Gray
12897500	BVP650 LED440-4S/740 DX50 ALU PSU	Gray
12898200	BVP650 LED440-4S/740 DX51 ALU PSU	Gray
45110300	BVP650 LED360-4S/740 DX60 ALU PSU	Gray
45111000	BVP650 LED380-4S/740 DX60 ALU PSU	Gray
45112700	BVP650 LED400-4S/740 DX60 ALU PSU	Gray
45113400	BVP650 LED420-4S/740 DX60 ALU PSU	Gray
45114100	BVP650 LED440-4S/740 DX60 ALU PSU	Gray

