



# 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

<b>Type</b>	BVP650
<b>Light source</b>	Integral LED-module
<b>Power (+/-10%)</b>	79-260 W depending on configuration
<b>Luminous flux</b>	6,000-29,000 lm
<b>Luminaire efficacy</b>	>108 lm/W
<b>Correlated Color</b>	2700 or 4000 K
<b>Temperature</b>	
<b>Color Rendering Index</b>	80
<b>Maintenance of lumen output - L80F10</b>	70,000 hours
<b>Operating temperature range</b>	-30 to +40 °C
<b>Driver</b>	Built-in (self ballasted LED-module)
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	Constant light output
	DALI dimming
	DynaDimmer

<b>Controls system input</b>	1-10 V
<b>Optic</b>	Symmetrical or asymmetrical
	Optiflux (versions R1, R2, R3, R6)
<b>Optical cover</b>	Glass, flat
<b>Material</b>	Housing: die-cast aluminum
	Cover: glass
<b>Color</b>	Grey aluminium (RAL9007)
<b>Connection</b>	Cable with 3 wires
<b>Maintenance</b>	From below by opening the housing with a single quick-release clip
<b>Installation</b>	Stirrup fixation
	Max adjustment from the horizontal: -170 to +170°
	Max vertical aiming: 0 to +360°

## Versions

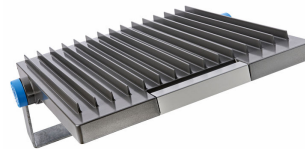


BVP650

## Product details



ClearFlood-BVP650-DP.tif



Fins for cooling the LEDs and gear to enhance light output

# ClearFlood

## Product details



Bracket for mounting/tilting



LiAS virtual project facilitates aiming of floodlight



Side view

**Approval and Application**

Mech. impact protection code	IK09
Surge Protection (Common/Differential)	Luminaire surge protection level up to 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 colour	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	F
Gear	EB
Glow-wire test	960/5
Light source replaceable	Yes
Lamp version	4S
Product Family Code	BVP650
UL mark	-

**Initial Performance (IEC Compliant)**

Init. Corr. Colour Temperature	4000 K
Init. Colour 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
09058600	BVP650 LED80--4S/740 PSU DX50 ALU	362 mA
09059300	BVP650 LED100--4S/740 PSU DX50 ALU	340 mA
09060900	BVP650 LED120--4S/740 PSU DX50 ALU	410 mA
09061600	BVP650 LED140--4S/740 PSU DX50 ALU	375 mA
09062300	BVP650 LED160--4S/740 PSU DX50 ALU	435 mA
09063000	BVP650 LED180--4S/740 PSU DX50 ALU	490 mA
09064700	BVP650 LED200--4S/740 PSU DX50 ALU	555 mA
09065400	BVP650 LED220--4S/740 PSU DX50 ALU	615 mA
09066100	BVP650 LED240--4S/740 PSU DX50 ALU	445 mA
09067800	BVP650 LED260--4S/740 PSU DX50 ALU	483 mA
09068500	BVP650 LED280--4S/740 PSU DX50 ALU	530 mA
09069200	BVP650 LED300--4S/740 PSU DX50 ALU	571 mA
09070800	BVP650 LED320--4S/740 PSU DX50 ALU	615 mA
09071500	BVP650 LED340--4S/740 PSU DX50 ALU	660 mA
09073900	BVP650 LED80--4S/740 PSU DW10 ALU	362 mA
09074600	BVP650 LED100--4S/740 PSU DW10 ALU	340 mA
09075300	BVP650 LED120--4S/740 PSU DW10 ALU	410 mA
09076000	BVP650 LED140--4S/740 PSU DW10 ALU	375 mA
09077700	BVP650 LED160--4S/740 PSU DW10 ALU	435 mA
09078400	BVP650 LED180--4S/740 PSU DW10 ALU	490 mA
09079100	BVP650 LED200--4S/740 PSU DW10 ALU	555 mA
09080700	BVP650 LED220--4S/740 PSU DW10 ALU	615 mA
09081400	BVP650 LED240--4S/740 PSU DW10 ALU	445 mA

Order Code	Full Product Name	Driver current
09082100	BVP650 LED260--4S/740 PSU DW10 ALU	483 mA
09083800	BVP650 LED280--4S/740 PSU DW10 ALU	530 mA
09084500	BVP650 LED300--4S/740 PSU DW10 ALU	571 mA
09085200	BVP650 LED320--4S/740 PSU DW10 ALU	615 mA
09086900	BVP650 LED340--4S/740 PSU DW10 ALU	660 mA
09088300	BVP650 LED80--4S/740 PSU DX10 ALU	362 mA
09089000	BVP650 LED100--4S/740 PSU DX10 ALU	340 mA
09090600	BVP650 LED120--4S/740 PSU DX10 ALU	410 mA
09091300	BVP650 LED140--4S/740 PSU DX10 ALU	375 mA
09092000	BVP650 LED160--4S/740 PSU DX10 ALU	435 mA
09093700	BVP650 LED180--4S/740 PSU DX10 ALU	490 mA
09094400	BVP650 LED200--4S/740 PSU DX10 ALU	555 mA
09095100	BVP650 LED220--4S/740 PSU DX10 ALU	615 mA
09096800	BVP650 LED240--4S/740 PSU DX10 ALU	445 mA
09097500	BVP650 LED260--4S/740 PSU DX10 ALU	483 mA
09098200	BVP650 LED280--4S/740 PSU DX10 ALU	530 mA
09099900	BVP650 LED300--4S/740 PSU DX10 ALU	571 mA
09100200	BVP650 LED320--4S/740 PSU DX10 ALU	615 mA
09101900	BVP650 LED340--4S/740 PSU DX10 ALU	660 mA
09103300	BVP650 LED80--4S/740 PSU DM10 ALU	362 mA
09104000	BVP650 LED100--4S/740 PSU DM10 ALU	340 mA
09105700	BVP650 LED120--4S/740 PSU DM10 ALU	410 mA
09106400	BVP650 LED140--4S/740 PSU DM10 ALU	375 mA
09107100	BVP650 LED160--4S/740 PSU DM10 ALU	435 mA
09108800	BVP650 LED180--4S/740 PSU DM10 ALU	490 mA
09109500	BVP650 LED200--4S/740 PSU DM10 ALU	555 mA
09110100	BVP650 LED220--4S/740 PSU DM10 ALU	615 mA
09111800	BVP650 LED240--4S/740 PSU DM10 ALU	445 mA
09112500	BVP650 LED260--4S/740 PSU DM10 ALU	483 mA
09113200	BVP650 LED280--4S/740 PSU DM10 ALU	530 mA
09114900	BVP650 LED300--4S/740 PSU DM10 ALU	571 mA
09115600	BVP650 LED320--4S/740 PSU DM10 ALU	615 mA
09116300	BVP650 LED340--4S/740 PSU DM10 ALU	660 mA
09873500	BVP650 LED400-4S/740 DX50 ALU PSU	780 mA
09876600	BVP650 LED400-4S/740 DW10 ALU PSU	780 mA

General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of gear units	Number of light sources	Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of gear units	Number of light sources
09028900	BVP650 LED80--4S/740 PSU S ALU	72° x 22°	LED80	1 unit	48	09031900	BVP650 LED140--4S/740 PSU S ALU	140° x 70°	LED140	2 units	82 pcs
09029600	BVP650 LED100--4S/740 PSU S ALU	72° x 22°	LED100	1 unit	64	09032600	BVP650 LED160--4S/740 PSU S ALU	140° x 70°	LED160	2 units	82 pcs
09030200	BVP650 LED120--4S/740 PSU S ALU	72° x 22°	LED120	1 unit	64	09033300	BVP650 LED180--4S/740 PSU S ALU	130° x 97°	LED180	2 units	82 pcs

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of gear units	Number of light sources
09034000	BVP650 LED200--4S/740 PSU S ALU	130° x 97°	LED200	2 units	82 pcs
09035700	BVP650 LED220--4S/740 PSU S ALU	108° x 113°	LED220	2 units	82 pcs
09036400	BVP650 LED240--4S/740 PSU S ALU	108° x 113°	LED240	2 units	120
09037100	BVP650 LED260--4S/740 PSU S ALU	86° x 188°	LED260	2 units	120
09038800	BVP650 LED280--4S/740 PSU S ALU	86° x 188°	LED280	2 units	120
09039500	BVP650 LED300--4S/740 PSU S ALU	88° x 187°	LED300	2 units	120
09040100	BVP650 LED320--4S/740 PSU S ALU	88° x 187°	LED320	2 units	120
09041800	BVP650 LED340--4S/740 PSU S ALU	72° x 22°	LED340	2 units	120
09043200	BVP650 LED80--4S/740 PSU OFA52 ALU	72° x 22°	LED80	1 unit	48
09044900	BVP650 LED100--4S/740 PSU OFA52 ALU	88° x 157°	LED100	1 unit	64
09045600	BVP650 LED120--4S/740 PSU OFA52 ALU	88° x 157°	LED120	1 unit	64
09046300	BVP650 LED140--4S/740 PSU OFA52 ALU	140° x 70°	LED140	2 units	82 pcs
09047000	BVP650 LED160--4S/740 PSU OFA52 ALU	140° x 70°	LED160	2 units	82 pcs
09048700	BVP650 LED180--4S/740 PSU OFA52 ALU	130° x 97°	LED180	2 units	82 pcs
09049400	BVP650 LED200--4S/740 PSU OFA52 ALU	130° x 97°	LED200	2 units	82 pcs
09050000	BVP650 LED220--4S/740 PSU OFA52 ALU	108° x 113°	LED220	2 units	82 pcs

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of gear units	Number of light sources
09051700	BVP650 LED240--4S/740 PSU OFA52 ALU	108° x 113°	LED240	2 units	120
09052400	BVP650 LED260--4S/740 PSU OFA52 ALU	86° x 188°	LED260	2 units	120
09053100	BVP650 LED280--4S/740 PSU OFA52 ALU	86° x 188°	LED280	2 units	120
09054800	BVP650 LED300--4S/740 PSU OFA52 ALU	88° x 187°	LED300	2 units	120
09055500	BVP650 LED320--4S/740 PSU OFA52 ALU	88° x 187°	LED320	2 units	120
09056200	BVP650 LED340--4S/740 PSU OFA52 ALU	72° x 22°	LED340	2 units	120
09058600	BVP650 LED80--4S/740 PSU DX50 ALU	72° x 22°	LED80	1 unit	48
09059300	BVP650 LED100--4S/740 PSU DX50 ALU	86° x 188°	LED100	1 unit	64
09060900	BVP650 LED120--4S/740 PSU DX50 ALU	86° x 188°	LED120	1 unit	64
09061600	BVP650 LED140--4S/740 PSU DX50 ALU	140° x 70°	LED140	2 units	82 pcs
09062300	BVP650 LED160--4S/740 PSU DX50 ALU	140° x 70°	LED160	2 units	82 pcs
09063000	BVP650 LED180--4S/740 PSU DX50 ALU	130° x 97°	LED180	2 units	82 pcs
09064700	BVP650 LED200--4S/740 PSU DX50 ALU	130° x 97°	LED200	2 units	82 pcs
09065400	BVP650 LED220--4S/740 PSU DX50 ALU	108° x 113°	LED220	2 units	82 pcs
09066100	BVP650 LED240--4S/740 PSU DX50 ALU	108° x 113°	LED240	2 units	120
09067800	BVP650 LED260--4S/740 PSU DX50 ALU	86° x 188°	LED260	2 units	120

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of gear units	Number of light sources
09068500	BVP650 LED280--4S/740 PSU DX50 ALU	86° x 188°	LED280	2 units	120
09069200	BVP650 LED300--4S/740 PSU DX50 ALU	88° x 187°	LED300	2 units	120
09070800	BVP650 LED320--4S/740 PSU DX50 ALU	88° x 187°	LED320	2 units	120
09071500	BVP650 LED340--4S/740 PSU DX50 ALU	72° x 22°	LED340	2 units	120
09073900	BVP650 LED80--4S/740 PSU DW10 ALU	72° x 22°	LED80	1 unit	48
09074600	BVP650 LED100--4S/740 PSU DW10 ALU	130° x 97°	LED100	1 unit	64
09075300	BVP650 LED120--4S/740 PSU DW10 ALU	130° x 97°	LED120	1 unit	64
09076000	BVP650 LED140--4S/740 PSU DW10 ALU	140° x 70°	LED140	2 units	82 pcs
09077700	BVP650 LED160--4S/740 PSU DW10 ALU	140° x 70°	LED160	2 units	82 pcs
09078400	BVP650 LED180--4S/740 PSU DW10 ALU	130° x 97°	LED180	2 units	82 pcs
09079100	BVP650 LED200--4S/740 PSU DW10 ALU	130° x 97°	LED200	2 units	82 pcs
09080700	BVP650 LED220--4S/740 PSU DW10 ALU	108° x 113°	LED220	2 units	82 pcs
09081400	BVP650 LED240--4S/740 PSU DW10 ALU	108° x 113°	LED240	2 units	120
09082100	BVP650 LED260--4S/740 PSU DW10 ALU	86° x 188°	LED260	2 units	120
09083800	BVP650 LED280--4S/740 PSU DW10 ALU	86° x 188°	LED280	2 units	120
09084500	BVP650 LED300--4S/740 PSU DW10 ALU	88° x 187°	LED300	2 units	120

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of gear units	Number of light sources
09085200	BVP650 LED320--4S/740 PSU DW10 ALU	88° x 187°	LED320	2 units	120
09086900	BVP650 LED340--4S/740 PSU DW10 ALU	72° x 22°	LED340	2 units	120
09088300	BVP650 LED80--4S/740 PSU DX10 ALU	72° x 22°	LED80	1 unit	48
09089000	BVP650 LED100--4S/740 PSU DX10 ALU	108° x 113°	LED100	1 unit	64
09090600	BVP650 LED120--4S/740 PSU DX10 ALU	108° x 113°	LED120	1 unit	64
09091300	BVP650 LED140--4S/740 PSU DX10 ALU	140° x 70°	LED140	2 units	82 pcs
09092000	BVP650 LED160--4S/740 PSU DX10 ALU	140° x 70°	LED160	2 units	82 pcs
09093700	BVP650 LED180--4S/740 PSU DX10 ALU	130° x 97°	LED180	2 units	82 pcs
09094400	BVP650 LED200--4S/740 PSU DX10 ALU	130° x 97°	LED200	2 units	82 pcs
09095100	BVP650 LED220--4S/740 PSU DX10 ALU	108° x 113°	LED220	2 units	82 pcs
09096800	BVP650 LED240--4S/740 PSU DX10 ALU	108° x 113°	LED240	2 units	120
09097500	BVP650 LED260--4S/740 PSU DX10 ALU	86° x 188°	LED260	2 units	120
09098200	BVP650 LED280--4S/740 PSU DX10 ALU	86° x 188°	LED280	2 units	120
09099900	BVP650 LED300--4S/740 PSU DX10 ALU	88° x 187°	LED300	2 units	120
09100200	BVP650 LED320--4S/740 PSU DX10 ALU	88° x 187°	LED320	2 units	120
09101900	BVP650 LED340--4S/740 PSU DX10 ALU	72° x 22°	LED340	2 units	120

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of gear units	Number of light sources
09103300	BVP650 LED80--4S/740 PSU DM10 ALU	72° x 22°	LED80	1 unit	48
09104000	BVP650 LED100--4S/740 PSU DM10 ALU	140° x 70°	LED100	1 unit	64
09105700	BVP650 LED120--4S/740 PSU DM10 ALU	140° x 70°	LED120	1 unit	64
09106400	BVP650 LED140--4S/740 PSU DM10 ALU	140° x 70°	LED140	2 units	82 pcs
09107100	BVP650 LED160--4S/740 PSU DM10 ALU	140° x 70°	LED160	2 units	82 pcs
09108800	BVP650 LED180--4S/740 PSU DM10 ALU	130° x 97°	LED180	2 units	82 pcs
09109500	BVP650 LED200--4S/740 PSU DM10 ALU	130° x 97°	LED200	2 units	82 pcs
09110100	BVP650 LED220--4S/740 PSU DM10 ALU	108° x 113°	LED220	2 units	82 pcs

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of gear units	Number of light sources
09111800	BVP650 LED240--4S/740 PSU DM10 ALU	108° x 113°	LED240	2 units	120
09112500	BVP650 LED260--4S/740 PSU DM10 ALU	86° x 188°	LED260	2 units	120
09113200	BVP650 LED280--4S/740 PSU DM10 ALU	86° x 188°	LED280	2 units	120
09114900	BVP650 LED300--4S/740 PSU DM10 ALU	88° x 187°	LED300	2 units	120
09115600	BVP650 LED320--4S/740 PSU DM10 ALU	88° x 187°	LED320	2 units	120
09116300	BVP650 LED340--4S/740 PSU DM10 ALU	72° x 22°	LED340	2 units	120
09873500	BVP650 LED400-4S/740 DX50 ALU PSU	140° x 70°	LED400	2 units	120
09876600	BVP650 LED400-4S/740 DW10 ALU PSU	83° x 130°	LED400	2 units	120

General Information (2/2)

Order Code	Full Product Name	Optic type
09028900	BVP650 LED80--4S/740 PSU S ALU	Symmetrical
09029600	BVP650 LED100--4S/740 PSU S ALU	Symmetrical
09030200	BVP650 LED120--4S/740 PSU S ALU	Symmetrical
09031900	BVP650 LED140--4S/740 PSU S ALU	Symmetrical
09032600	BVP650 LED160--4S/740 PSU S ALU	Symmetrical
09033300	BVP650 LED180--4S/740 PSU S ALU	Symmetrical
09034000	BVP650 LED200--4S/740 PSU S ALU	Symmetrical
09035700	BVP650 LED220--4S/740 PSU S ALU	Symmetrical
09036400	BVP650 LED240--4S/740 PSU S ALU	Symmetrical
09037100	BVP650 LED260--4S/740 PSU S ALU	Symmetrical
09038800	BVP650 LED280--4S/740 PSU S ALU	Symmetrical
09039500	BVP650 LED300--4S/740 PSU S ALU	Symmetrical
09040100	BVP650 LED320--4S/740 PSU S ALU	Symmetrical
09041800	BVP650 LED340--4S/740 PSU S ALU	Symmetrical
09043200	BVP650 LED80--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09044900	BVP650 LED100--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09045600	BVP650 LED120--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09046300	BVP650 LED140--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°

Order Code	Full Product Name	Optic type
09047000	BVP650 LED160--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09048700	BVP650 LED180--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09049400	BVP650 LED200--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09050000	BVP650 LED220--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09051700	BVP650 LED240--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09052400	BVP650 LED260--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09053100	BVP650 LED280--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09054800	BVP650 LED300--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09055500	BVP650 LED320--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09056200	BVP650 LED340--4S/740 PSU OFA52 ALU	Optiflux asymmetrical axis angle 52°
09058600	BVP650 LED80--4S/740 PSU DX50 ALU	Distribution extra wide 50
09059300	BVP650 LED100--4S/740 PSU DX50 ALU	Distribution extra wide 50



Order Code	Full Product Name	Optic type
09060900	BVP650 LED120--4S/740 PSU DX50 ALU	Distribution extra wide 50
09061600	BVP650 LED140--4S/740 PSU DX50 ALU	Distribution extra wide 50
09062300	BVP650 LED160--4S/740 PSU DX50 ALU	Distribution extra wide 50
09063000	BVP650 LED180--4S/740 PSU DX50 ALU	Distribution extra wide 50
09064700	BVP650 LED200--4S/740 PSU DX50 ALU	Distribution extra wide 50
09065400	BVP650 LED220--4S/740 PSU DX50 ALU	Distribution extra wide 50
09066100	BVP650 LED240--4S/740 PSU DX50 ALU	Distribution extra wide 50
09067800	BVP650 LED260--4S/740 PSU DX50 ALU	Distribution extra wide 50
09068500	BVP650 LED280--4S/740 PSU DX50 ALU	Distribution extra wide 50
09069200	BVP650 LED300--4S/740 PSU DX50 ALU	Distribution extra wide 50
09070800	BVP650 LED320--4S/740 PSU DX50 ALU	Distribution extra wide 50
09071500	BVP650 LED340--4S/740 PSU DX50 ALU	Distribution extra wide 50
09073900	BVP650 LED80--4S/740 PSU DW10 ALU	Distribution wide 10
09074600	BVP650 LED100--4S/740 PSU DW10 ALU	Distribution wide 10
09075300	BVP650 LED120--4S/740 PSU DW10 ALU	Distribution wide 10
09076000	BVP650 LED140--4S/740 PSU DW10 ALU	Distribution wide 10
09077700	BVP650 LED160--4S/740 PSU DW10 ALU	Distribution wide 10
09078400	BVP650 LED180--4S/740 PSU DW10 ALU	Distribution wide 10
09079100	BVP650 LED200--4S/740 PSU DW10 ALU	Distribution wide 10
09080700	BVP650 LED220--4S/740 PSU DW10 ALU	Distribution wide 10
09081400	BVP650 LED240--4S/740 PSU DW10 ALU	Distribution wide 10
09082100	BVP650 LED260--4S/740 PSU DW10 ALU	Distribution wide 10
09083800	BVP650 LED280--4S/740 PSU DW10 ALU	Distribution wide 10
09084500	BVP650 LED300--4S/740 PSU DW10 ALU	Distribution wide 10
09085200	BVP650 LED320--4S/740 PSU DW10 ALU	Distribution wide 10
09086900	BVP650 LED340--4S/740 PSU DW10 ALU	Distribution wide 10
09088300	BVP650 LED80--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09089000	BVP650 LED100--4S/740 PSU DX10 ALU	Distribution extra-wide 10

Order Code	Full Product Name	Optic type
09090600	BVP650 LED120--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09091300	BVP650 LED140--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09092000	BVP650 LED160--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09093700	BVP650 LED180--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09094400	BVP650 LED200--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09095100	BVP650 LED220--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09096800	BVP650 LED240--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09097500	BVP650 LED260--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09098200	BVP650 LED280--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09099900	BVP650 LED300--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09100200	BVP650 LED320--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09101900	BVP650 LED340--4S/740 PSU DX10 ALU	Distribution extra-wide 10
09103300	BVP650 LED80--4S/740 PSU DM10 ALU	Distribution medium 10
09104000	BVP650 LED100--4S/740 PSU DM10 ALU	Distribution medium 10
09105700	BVP650 LED120--4S/740 PSU DM10 ALU	Distribution medium 10
09106400	BVP650 LED140--4S/740 PSU DM10 ALU	Distribution medium 10
09107100	BVP650 LED160--4S/740 PSU DM10 ALU	Distribution medium 10
09108800	BVP650 LED180--4S/740 PSU DM10 ALU	Distribution medium 10
09109500	BVP650 LED200--4S/740 PSU DM10 ALU	Distribution medium 10
09110100	BVP650 LED220--4S/740 PSU DM10 ALU	Distribution medium 10
09111800	BVP650 LED240--4S/740 PSU DM10 ALU	Distribution medium 10
09112500	BVP650 LED260--4S/740 PSU DM10 ALU	Distribution medium 10
09113200	BVP650 LED280--4S/740 PSU DM10 ALU	Distribution medium 10
09114900	BVP650 LED300--4S/740 PSU DM10 ALU	Distribution medium 10
09115600	BVP650 LED320--4S/740 PSU DM10 ALU	Distribution medium 10
09116300	BVP650 LED340--4S/740 PSU DM10 ALU	Distribution medium 10
09873500	BVP650 LED400-4S/740 DX50 ALU PSU	Distribution extra wide 50
09876600	BVP650 LED400-4S/740 DW10 ALU PSU	Distribution wide 10

**Initial Performance (IEC Compliant)**

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

Order Code	Full Product Name	Initial luminous flux
09049400	BVP650 LED200--4S/740 PSU OFA52 ALU	17600 lm
09050000	BVP650 LED220--4S/740 PSU OFA52 ALU	19360 lm
09051700	BVP650 LED240--4S/740 PSU OFA52 ALU	21120 lm
09052400	BVP650 LED260--4S/740 PSU OFA52 ALU	22880 lm
09053100	BVP650 LED280--4S/740 PSU OFA52 ALU	24360 lm
09054800	BVP650 LED300--4S/740 PSU OFA52 ALU	26100 lm
09055500	BVP650 LED320--4S/740 PSU OFA52 ALU	27840 lm
09056200	BVP650 LED340--4S/740 PSU OFA52 ALU	29580 lm
09058600	BVP650 LED80--4S/740 PSU DX50 ALU	6880 lm
09059300	BVP650 LED100--4S/740 PSU DX50 ALU	8600 lm
09060900	BVP650 LED120--4S/740 PSU DX50 ALU	10320 lm
09061600	BVP650 LED140--4S/740 PSU DX50 ALU	12040 lm
09062300	BVP650 LED160--4S/740 PSU DX50 ALU	13600 lm
09063000	BVP650 LED180--4S/740 PSU DX50 ALU	15300 lm
09064700	BVP650 LED200--4S/740 PSU DX50 ALU	17000 lm
09065400	BVP650 LED220--4S/740 PSU DX50 ALU	18700 lm
09066100	BVP650 LED240--4S/740 PSU DX50 ALU	20400 lm
09067800	BVP650 LED260--4S/740 PSU DX50 ALU	22100 lm
09068500	BVP650 LED280--4S/740 PSU DX50 ALU	23520 lm
09069200	BVP650 LED300--4S/740 PSU DX50 ALU	25200 lm

Order Code	Full Product Name	Initial luminous flux
09070800	BVP650 LED320--4S/740 PSU DX50 ALU	26880 lm
09071500	BVP650 LED340--4S/740 PSU DX50 ALU	28560 lm
09073900	BVP650 LED80--4S/740 PSU DW10 ALU	7040 lm
09074600	BVP650 LED100--4S/740 PSU DW10 ALU	8800 lm
09075300	BVP650 LED120--4S/740 PSU DW10 ALU	10560 lm
09076000	BVP650 LED140--4S/740 PSU DW10 ALU	12320 lm
09077700	BVP650 LED160--4S/740 PSU DW10 ALU	14080 lm
09078400	BVP650 LED180--4S/740 PSU DW10 ALU	15840 lm
09079100	BVP650 LED200--4S/740 PSU DW10 ALU	17600 lm
09080700	BVP650 LED220--4S/740 PSU DW10 ALU	19360 lm
09081400	BVP650 LED240--4S/740 PSU DW10 ALU	21120 lm
09082100	BVP650 LED260--4S/740 PSU DW10 ALU	22880 lm
09083800	BVP650 LED280--4S/740 PSU DW10 ALU	24360 lm
09084500	BVP650 LED300--4S/740 PSU DW10 ALU	26100 lm
09085200	BVP650 LED320--4S/740 PSU DW10 ALU	27840 lm
09086900	BVP650 LED340--4S/740 PSU DW10 ALU	29580 lm
09088300	BVP650 LED80--4S/740 PSU DX10 ALU	6800 lm
09089000	BVP650 LED100--4S/740 PSU DX10 ALU	8500 lm
09090600	BVP650 LED120--4S/740 PSU DX10 ALU	10200 lm
09091300	BVP650 LED140--4S/740 PSU DX10 ALU	11900 lm
09092000	BVP650 LED160--4S/740 PSU DX10 ALU	13440 lm
09093700	BVP650 LED180--4S/740 PSU DX10 ALU	15120 lm
09094400	BVP650 LED200--4S/740 PSU DX10 ALU	16800 lm

Order Code	Full Product Name	Initial luminous flux
09095100	BVP650 LED220--4S/740 PSU DX10 ALU	18480 lm
09096800	BVP650 LED240--4S/740 PSU DX10 ALU	20160 lm
09097500	BVP650 LED260--4S/740 PSU DX10 ALU	21840 lm
09098200	BVP650 LED280--4S/740 PSU DX10 ALU	23240 lm
09099900	BVP650 LED300--4S/740 PSU DX10 ALU	24900 lm
09100200	BVP650 LED320--4S/740 PSU DX10 ALU	26560 lm
09101900	BVP650 LED340--4S/740 PSU DX10 ALU	28220 lm
09103300	BVP650 LED80--4S/740 PSU DM10 ALU	7040 lm
09104000	BVP650 LED100--4S/740 PSU DM10 ALU	8800 lm
09105700	BVP650 LED120--4S/740 PSU DM10 ALU	10560 lm
09106400	BVP650 LED140--4S/740 PSU DM10 ALU	12320 lm
09107100	BVP650 LED160--4S/740 PSU DM10 ALU	13920 lm
09108800	BVP650 LED180--4S/740 PSU DM10 ALU	15660 lm
09109500	BVP650 LED200--4S/740 PSU DM10 ALU	17400 lm
09110100	BVP650 LED220--4S/740 PSU DM10 ALU	19140 lm
09111800	BVP650 LED240--4S/740 PSU DM10 ALU	20880 lm
09112500	BVP650 LED260--4S/740 PSU DM10 ALU	22620 lm
09113200	BVP650 LED280--4S/740 PSU DM10 ALU	24080 lm
09114900	BVP650 LED300--4S/740 PSU DM10 ALU	25800 lm
09115600	BVP650 LED320--4S/740 PSU DM10 ALU	27520 lm
09116300	BVP650 LED340--4S/740 PSU DM10 ALU	29240 lm
09873500	BVP650 LED400-4S/740 DX50 ALU PSU	33200 lm
09876600	BVP650 LED400-4S/740 DW10 ALU PSU	34400 lm

**Mechanical and Housing**

Order Code	Full Product Name	Colour
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

Order Code	Full Product Name	Colour
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
09058600	BVP650 LED80--4S/740 PSU DX50 ALU	Aluminum
09059300	BVP650 LED100--4S/740 PSU DX50 ALU	Aluminum
09060900	BVP650 LED120--4S/740 PSU DX50 ALU	Aluminum
09061600	BVP650 LED140--4S/740 PSU DX50 ALU	Aluminum
09062300	BVP650 LED160--4S/740 PSU DX50 ALU	Aluminum
09063000	BVP650 LED180--4S/740 PSU DX50 ALU	Aluminum
09064700	BVP650 LED200--4S/740 PSU DX50 ALU	Aluminum
09065400	BVP650 LED220--4S/740 PSU DX50 ALU	Aluminum
09066100	BVP650 LED240--4S/740 PSU DX50 ALU	Aluminum
09067800	BVP650 LED260--4S/740 PSU DX50 ALU	Aluminum
09068500	BVP650 LED280--4S/740 PSU DX50 ALU	Aluminum
09069200	BVP650 LED300--4S/740 PSU DX50 ALU	Aluminum
09070800	BVP650 LED320--4S/740 PSU DX50 ALU	Aluminum
09071500	BVP650 LED340--4S/740 PSU DX50 ALU	Aluminum
09073900	BVP650 LED80--4S/740 PSU DW10 ALU	Aluminum
09074600	BVP650 LED100--4S/740 PSU DW10 ALU	Aluminum
09075300	BVP650 LED120--4S/740 PSU DW10 ALU	Aluminum
09076000	BVP650 LED140--4S/740 PSU DW10 ALU	Aluminum
09077700	BVP650 LED160--4S/740 PSU DW10 ALU	Aluminum
09078400	BVP650 LED180--4S/740 PSU DW10 ALU	Aluminum
09079100	BVP650 LED200--4S/740 PSU DW10 ALU	Aluminum
09080700	BVP650 LED220--4S/740 PSU DW10 ALU	Aluminum

Order Code	Full Product Name	Colour
09081400	BVP650 LED240--4S/740 PSU DW10 ALU	Aluminum
09082100	BVP650 LED260--4S/740 PSU DW10 ALU	Aluminum
09083800	BVP650 LED280--4S/740 PSU DW10 ALU	Aluminum
09084500	BVP650 LED300--4S/740 PSU DW10 ALU	Aluminum
09085200	BVP650 LED320--4S/740 PSU DW10 ALU	Aluminum
09086900	BVP650 LED340--4S/740 PSU DW10 ALU	Aluminum
09088300	BVP650 LED80--4S/740 PSU DX10 ALU	Aluminum
09089000	BVP650 LED100--4S/740 PSU DX10 ALU	Aluminum
09090600	BVP650 LED120--4S/740 PSU DX10 ALU	Aluminum
09091300	BVP650 LED140--4S/740 PSU DX10 ALU	Aluminum
09092000	BVP650 LED160--4S/740 PSU DX10 ALU	Aluminum
09093700	BVP650 LED180--4S/740 PSU DX10 ALU	Aluminum
09094400	BVP650 LED200--4S/740 PSU DX10 ALU	Aluminum
09095100	BVP650 LED220--4S/740 PSU DX10 ALU	Aluminum
09096800	BVP650 LED240--4S/740 PSU DX10 ALU	Aluminum
09097500	BVP650 LED260--4S/740 PSU DX10 ALU	Aluminum
09098200	BVP650 LED280--4S/740 PSU DX10 ALU	Aluminum
09099900	BVP650 LED300--4S/740 PSU DX10 ALU	Aluminum

Order Code	Full Product Name	Colour
09100200	BVP650 LED320--4S/740 PSU DX10 ALU	Aluminum
09101900	BVP650 LED340--4S/740 PSU DX10 ALU	Aluminum
09103300	BVP650 LED80--4S/740 PSU DM10 ALU	Aluminum
09104000	BVP650 LED100--4S/740 PSU DM10 ALU	Aluminum
09105700	BVP650 LED120--4S/740 PSU DM10 ALU	Aluminum
09106400	BVP650 LED140--4S/740 PSU DM10 ALU	Aluminum
09107100	BVP650 LED160--4S/740 PSU DM10 ALU	Aluminum
09108800	BVP650 LED180--4S/740 PSU DM10 ALU	Aluminum
09109500	BVP650 LED200--4S/740 PSU DM10 ALU	Aluminum
09110100	BVP650 LED220--4S/740 PSU DM10 ALU	Aluminum
09111800	BVP650 LED240--4S/740 PSU DM10 ALU	Aluminum
09112500	BVP650 LED260--4S/740 PSU DM10 ALU	Aluminum
09113200	BVP650 LED280--4S/740 PSU DM10 ALU	Aluminum
09114900	BVP650 LED300--4S/740 PSU DM10 ALU	Aluminum
09115600	BVP650 LED320--4S/740 PSU DM10 ALU	Aluminum
09116300	BVP650 LED340--4S/740 PSU DM10 ALU	Aluminum
09873500	BVP650 LED400-4S/740 DX50 ALU PSU	Gray
09876600	BVP650 LED400-4S/740 DW10 ALU PSU	Gray

