



# LuxSpace Compact

BBS490 DLED-3000 PSU-E C WH

BBS490 - DLED Module - Power supply unit external - High-gloss mirror

The highly energy-efficient LuxSpace family makes it possible to achieve extremely low power consumption without sacrificing light quality in general lighting applications. This results in significant energy savings compared with traditional CFL solutions. LuxSpace features the latest LED technology and delivers reliable light output, stable color performance and high color rendering. Downlight versions are available in three sizes and four outputs – LuxSpace Micro for 125 mm cut-outs, LuxSpace Mini (round and square versions) for 150 mm cut-outs and LuxSpace Compact (round and square versions) and Compact Power for 200 mm cut-outs – covering all downlight applications. The Compact and Mini are also available in High Efficacy versions. Also available for general lighting applications is LuxSpace Surface-mounted. All LuxSpace models offer a compact look and feel, and a perfect fit. They are very easy to install, and their long lifetime means an end to the hassle of relamping. There is also a choice of accessories, ensuring maximum performance in all applications. In addition to LuxSpace for general lighting applications, LuxSpace Accent is also available (in fixed, adjustable and elbow versions) for high-flux accent lighting applications.

## Product data

### • General information

Product family code	BBS490 [BBS490]
Number of lamps	1 [1 pc]
Lamp family code	DLED [DLED Module]
Lamp color code	WW [Warm white]
Lamp color temperature	3000 [3000 K]
Light source replaceable	false [No]
Transformer/ power supply unit	PSU-E [Power supply unit external]
Driver included	true [Yes]
Optics	C [High-gloss mirror]
Emergency lighting	No [-]
Dimmable	false [No]
Connection	PI [Push-in connector 3-pole]
Cable	No [-]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
Ambient temperature	+25°C [+25 °C]
Color	WH [White]
Protection foil	No [-]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Country version	No [-]

European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]
Green Flagship mark	GNFL [Green Flagship]
Lifetime to 70% luminous flux	50000 hr
Failure rate at 5000 hrs	1 %

### • Light technical

Color rendering index	80 [80]
Optical cover accessories	No [-]
Total luminous flux	2000 Lm
Luminous efficacy	57 Lm/W

### • Electrical

System power	35 W [35 W]
Supply voltage	220-240 V [220 to 240 V]
Line frequency	50-60 Hz [50 to 60 Hz]
Electrical accessories	No [-]



**PHILIPS**  
sense and simplicity

- Mechanical

Decorative accessories No [-]

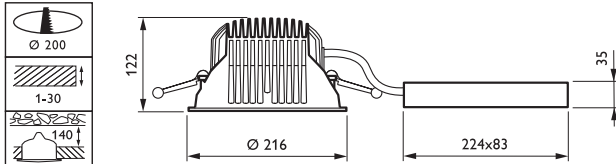
- Product Data

Order code 910503468715  
 Full product code 910503468715  
 Full product name BBS490 DLED-3000 PSU-E C WH  
 Order product name BBS490 DLED-3000 PSU-E C WH  
 Pieces per pack 0

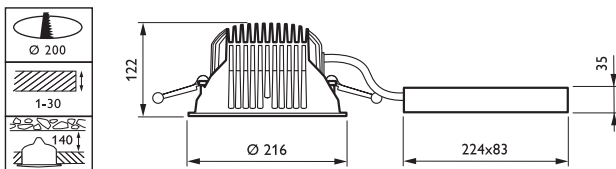
Packs per outerbox 1  
 Bar code on outerbox - EAN3 8717943927500  
 Logistic code(s) - 12NC 910503468715  
 Net weight per piece 1.876 kg



## Dimensional drawing



BBS490 DLED-3000 PSU-E C WH

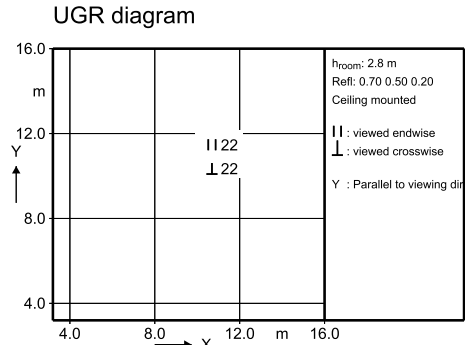
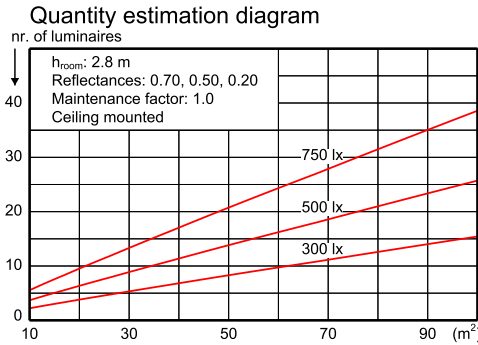
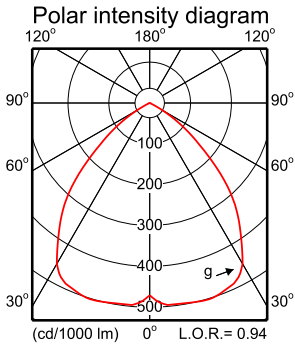


BBS490 DLED-3000 PSU-E C WH



BBS490 1xDLED-3000

1 x 2045 lm



Light output ratio 0.94  
Service upward 0.00  
Service downward 0.94

CIE flux code 73 99 100 100 94

UGRcen (4Hx8H, 0.25H) 21  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.60	0.57	0.60	0.58	0.57	0.52	0.51	0.48	0.51	0.48	0.46	0.46
0.80	0.70	0.66	0.69	0.68	0.66	0.60	0.60	0.56	0.59	0.56	0.55	0.55
1.00	0.79	0.73	0.77	0.75	0.72	0.68	0.67	0.64	0.66	0.63	0.62	0.62
1.25	0.86	0.79	0.84	0.81	0.78	0.74	0.73	0.70	0.72	0.70	0.68	0.68
1.50	0.91	0.83	0.89	0.86	0.82	0.78	0.77	0.75	0.76	0.74	0.72	0.72
2.00	0.99	0.88	0.97	0.92	0.88	0.85	0.83	0.81	0.82	0.80	0.79	0.79
2.50	1.04	0.92	1.01	0.96	0.91	0.88	0.87	0.85	0.86	0.84	0.82	0.82
3.00	1.07	0.94	1.04	0.98	0.93	0.91	0.89	0.88	0.88	0.87	0.85	0.85
4.00	1.11	0.96	1.07	1.01	0.95	0.93	0.92	0.90	0.90	0.89	0.87	0.87
5.00	1.13	0.97	1.09	1.02	0.96	0.94	0.93	0.92	0.91	0.90	0.88	0.88

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	29460	29460	29460
50.0	20932	20932	20932
55.0	14007	14007	14007
60.0	6392	6392	6392
65.0	515	515	515
70.0	542	542	542
75.0	717	717	717
80.0	829	829	829
85.0	1361	1361	1361
90.0	-	-	-

(cd/m<sup>2</sup>)

LVMB004101

2013-02-18

BBS490 1xDLED-3000



© 2013 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2013, March 30  
data subject to change