



Philips GreenSpace G6: Low energy LED downlights with high visual comfort

GreenSpace G6

Philips GreenSpace G6 builds on the GreenSpace family's reputation for superb performance, extremely low energy use, and high visual comfort. This next generation of reliable LED downlights comes in a highly-compact design with a deep, recessed architecture and increased reflector depth to highlight the smallest of details. GreenSpace G6 is also a shining example of versatility. This energy-saving LED downlight is available in a comprehensive range of configurations from 600 to 3,550 lumen, with the option to choose fixed, dimmable, or Interact Ready variants. This makes GreenSpace G6 the perfect 'mix and match' solution for potentially broad and extended applications that require different lighting ambiances, with one cohesive luminaire look and feel.

Benefits

- Energy-efficient LED
- Compact design
- Visual comfort
- Option of glossy faceted (UGR19) or matte white reflector
- Durable LED quality and reliability

Features

- High system efficacy – average 120 lm/W
- Deep recessed architecture with increased reflector depth
- Spacious installation area with improved narrow rim width
- 50,000 hours lifetime @L80/B50 Ta 25°C
- DALI and wireless Interact compatible

Application

- Offices
- retail
- Hospitality
- other potential indoor open areas

Specifications

Mounting type	Recessed
Operating Temperature range	-20°C to +40°C
Light Source	LED module
Mains Voltage	220-240V / 50-60Hz
Mains connection	flying cable
Dimming	PSU: non-dimmable PSD: Dimmable via Dali protocol WIA: Wireless control
Control system input	DALI/1-10V/ WIA
Material	Housing: Die-cast Aluminium Reflector: Plastic
Main color of the luminaire	Black heat sink
Lumen maintenance at median useful life	L80 50.000h
Flicker / Pst / SVM	MD<3.2% PST<=0.5 SVM<=1
Luminous flux	4inch: 650lm-800lm, 1100lm-1150lm, 1270-1350lm 6inch: 1150-1200lm, 1700-1800lm, 1860-2000lm 8inch: 1650-1760lm, 2250-2400lm, 3450-3550lm
Power consumption	4inch: 5.8W - 12W 6inch: 9.8W - 16.6W 8inch: 14.2W - 29.3W
Luminaire efficacy	PSU: 105-124lm/W @840 PSD/WIA: 100-122lm/W @840
Correlated color temperature - CCT	3000K, 4000K, 6500

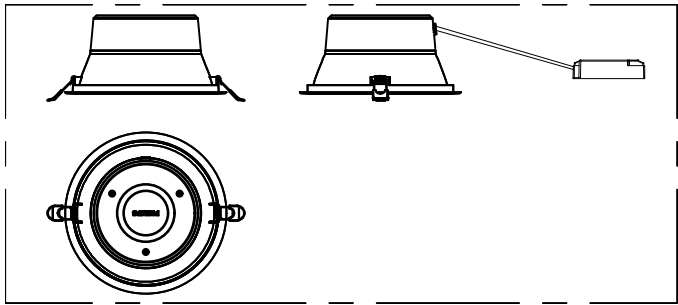
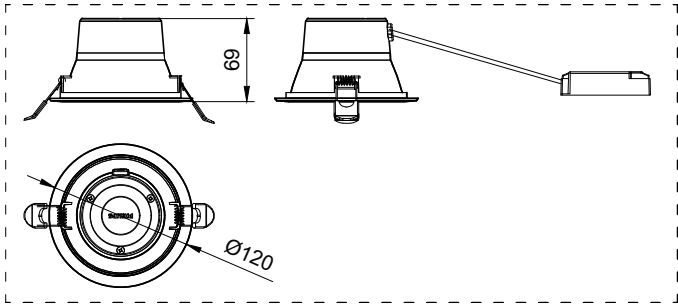
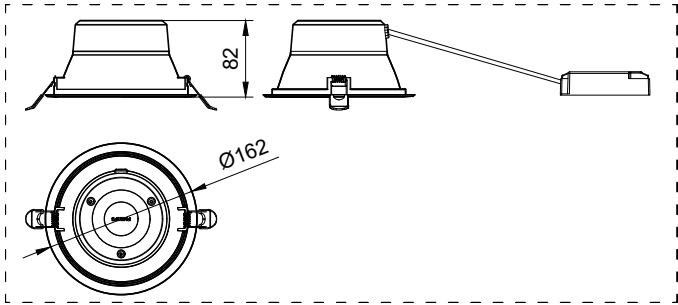
Color Rendering index - CRI	80, 90
Risk Group	RG1
Beam angle	4inch - WH reflector - 78degree 6inch - WH reflector - 82degree 8inch - WH reflector - 83degree 4/6/8inch - Aluminizing reflector - 60degree
Reflector material	WH: Plastic AL: Aluminum coated
Optic	White (WH) UGR 23-26 (NOC) based on lumen output. Aluminizing (AL) UGR<19 (OC)
Protection Class	Class II
IEC61140	
Mechanical impact protection	IK03
Ingress protection	IP20 / IP54 (light exit window)
Overall diameter	4inch: D100 6inch: D150 8inch: D200
Overall height	4inch: 69mm 6inch: 82mm 8inch: 105mm
UGR	AL coating reflector: UGR19 WH reflector: UGR 23-26
Installation	recessed Fixation by means of spring fasteners

Versions



GreenSpace G6

Dimensional drawing



General Information	
Driver included	Yes
Gear	-
Number of gear units	-
Service tag	Yes
Light Technical	
Correlated Color Temperature (Nom)	4000 K
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No
Controls and Dimming	
Dimmable	No
Maximum dim level	Not applicable
Mechanical and Housing	
Optical cover type	Polycarbonate Diffuser
Mech. impact protection code	IK03
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 5 s
Initial Performance (IEC Compliant)	
Initial chromaticity	5
Luminous flux tolerance	+/-10%

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401520244	DN390B LED7/840 P6PSU D100WHWP CAUG2HE	-	>80	130 lm/W	750 lm
911401520644	DN390B LED7/840 P6PSU D100 WH CAUG2HE	-	>80	130 lm/W	750 lm
911401519944	DN393B LED26/840 P20PSU D200WHWP CAUG2HE	-	>80	140 lm/W	2,600 lm
911401520344	DN393B LED26/840 P20PSU D200 WH CAUG2HE	-	>80	140 lm/W	2,600 lm
911401586932	DN393B LED22/840 P20PSU D200 WH CAUG2	- degree(s)	≥80	120 lm/W	2,400 lm
911401520044	DN392B LED20/840 P15PSU D150WHWP CAUG2HE	-	>80	138 lm/W	2,000 lm
911401520144	DN391B LED13/840 P11PSU D150WHWP CAUG2HE	-	>80	138 lm/W	1,300 lm
911401520444	DN392B LED20/840 P15PSU D150 WH CAUG2HE	-	>80	138 lm/W	2,000 lm
911401520544	DN391B LED13/840 P11PSU D150 WH CAUG2HE	-	>80	138 lm/W	1,300 lm
911401585532	DN391B LED11/840 P11PSU D150 WH CAUG2	- degree(s)	≥80	113 lm/W	1,200 lm

Light Technical (2/2)

Order Code	Full Product Name	Number of light sources	Optic type
911401520244	DN390B LED7/840 P6PSU D100WHWP CAUG2HE	1	Facetted reflector
911401520644	DN390B LED7/840 P6PSU D100 WH CAUG2HE	1	White reflector and opal cover
911401519944	DN393B LED26/840 P20PSU D200WHWP CAUG2HE	1	White reflector and opal cover
911401520344	DN393B LED26/840 P20PSU D200 WH CAUG2HE	1	White reflector and opal cover
911401586932	DN393B LED22/840 P20PSU D200 WH CAUG2	48	White reflector and opal cover

Order Code	Full Product Name	Number of light sources	Optic type
911401520044	DN392B LED20/840 P15PSU D150WHWP CAUG2HE	1	White reflector and opal cover
911401520144	DN391B LED13/840 P11PSU D150WHWP CAUG2HE	1	White reflector and opal cover
911401520444	DN392B LED20/840 P15PSU D150 WH CAUG2HE	1	White reflector and opal cover
911401520544	DN391B LED13/840 P11PSU D150 WH CAUG2HE	1	White reflector and opal cover
911401585532	DN391B LED11/840 P11PSU D150 WH CAUG2	24	White reflector and opal cover

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401520244	DN390B LED7/840 P6PSU D100WHWP CAUG2HE	5.8 W
911401520644	DN390B LED7/840 P6PSU D100 WH CAUG2HE	5.8 W
911401519944	DN393B LED26/840 P20PSU D200WHWP CAUG2HE	19.9 W
911401520344	DN393B LED26/840 P20PSU D200 WH CAUG2HE	19.9 W
911401586932	DN393B LED22/840 P20PSU D200 WH CAUG2	19.9 W

Order Code	Full Product Name	Power Consumption
911401520044	DN392B LED20/840 P15PSU D150WHWP CAUG2HE	15 W
911401520144	DN391B LED13/840 P11PSU D150WHWP CAUG2HE	10.6 W
911401520444	DN392B LED20/840 P15PSU D150 WH CAUG2HE	15 W
911401520544	DN391B LED13/840 P11PSU D150 WH CAUG2HE	10.6 W
911401585532	DN391B LED11/840 P11PSU D150 WH CAUG2	10.6 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Ingress protection code
911401520244	DN390B LED7/840 P6PSU D100WHWP CAUG2HE	Aluminum	IP20/54
911401520644	DN390B LED7/840 P6PSU D100 WH CAUG2HE	Aluminum	IP20
911401519944	DN393B LED26/840 P20PSU D200WHWP CAUG2HE	Aluminum	IP20/54
911401520344	DN393B LED26/840 P20PSU D200 WH CAUG2HE	Aluminum	IP20
911401586932	DN393B LED22/840 P20PSU D200 WH CAUG2	Black and white	IP20

Order Code	Full Product Name	Housing Color	Ingress protection code
911401520044	DN392B LED20/840 P15PSU D150WHWP CAUG2HE	Aluminum	IP20/54
911401520144	DN391B LED13/840 P11PSU D150WHWP CAUG2HE	Aluminum	IP20/54
911401520444	DN392B LED20/840 P15PSU D150 WH CAUG2HE	Aluminum	IP20
911401520544	DN391B LED13/840 P11PSU D150 WH CAUG2HE	Aluminum	IP20
911401585532	DN391B LED11/840 P11PSU D150 WH CAUG2	Black and white	IP20

