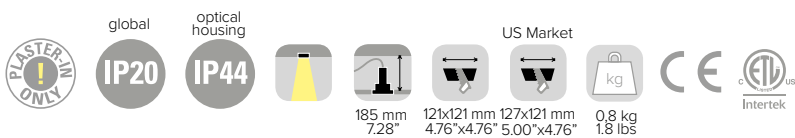




INSIDE 120 SQ2 / INSIDE 120 SQ3

SPECIFICATIONS

base code	64116 INSIDE 120 SQ2 - 64118 INSIDE 120 SQ3
typology	Square trimless downlight
mounting	In plasterboard using mounting frame to be separately ordered
dimension	120x120 mm / 4.72"x4.72"
height	165 mm / 6.50"
required depth	185 mm / 7.28"
first fit requirement	Yes, separate mounting frame for plaster ceiling. Height adjustable mounting frame for ceiling thickness from 10 to 30 mm / from 0.39" to 1.18" (code 69385/69386). Mounting frame for ceiling thickness 13 mm / 0.51" (code 69367/69368). Mounting frame for plasterboard US market (code 69549/69550)
ceiling cut out	121x121 mm / 4.76"x4.76". US Market: 127x121 mm / 5.00"x4.76"
construction	Fixture: turning and milling aluminum. Extruded aluminum heat sink. Reflector: polycarbonate. Mounting frame: extruded aluminum and galvanized steel
finishes	Fixture and mounting frame: powder coated. Heat sink anodized
ingress protection	Global IP20, optical housing IP44. North America damp location
lamp type	COB. Remote power supply not included
lamp wattage	INSIDE 120 SQ2: 23W at 48V DC and 700 mA. North America 48V DC and 700 mA INSIDE 120 SQ3: 28W at 48V DC and 900 mA. North America 48V DC and 900 mA
lamp lumens	INSIDE 120 SQ2: 2560lm. INSIDE 120 SQ3: 3000lm
delivered lumens	INSIDE 120 SQ2: 1190lm. INSIDE 120 SQ3: 2160lm
lumen maintenance	50.000h L90
beam	INSIDE 120 SQ2: 20°, 31°, 49° with softening lens INSIDE 120 SQ3: 25°, 38°, 55° with softening lens
kelvin	2700K CRI93, 3000K CRI93 and 4000K CRI93 / 3 step MacAdam ellipse
special features	48V DC: unpolarized electronic system - Thermal Sensor - Safe wiring
dimming options	Push button, potentiometer, 0-10V, DALI, DMX, KNX. Dimming options depend on power supply and additional control units to be separately ordered as accessories
listings	CE, ETL listed for damp location



INSIDE 120 SQ2

23 W

ORDER CODE

BASE CODE

64116

A. POWER SUPPLY

- 8** 48V DC EXCL. power supply
- L** 700 mA EXCL. power supply
- S**  listed 48V DC EXCL. power supply
- U**  listed 700 mA EXCL. power supply

B. KELVIN

- 4** 4000K CRI93
- 5** 3000K CRI93
- 8** 2700K CRI93

C. BEAM

- F** spot 20°, soft lens
- G** flood 31°, soft lens
- H** wide flood 49°, soft lens

Example: BASE CODE **64116** A **8** B **8** C **F** D **6** = **64116-88F6**

D. FINISHES

2 black RAL 9005



6 white RAL 9003



INSIDE 120 SQ3

28 W

ORDER CODE

BASE CODE

64118

A. POWER SUPPLY

- 8** 48V DC EXCL. power supply
- L** 900 mA EXCL. power supply
- S**  listed 48V DC EXCL. power supply
- U**  listed 900 mA EXCL. power supply

B. KELVIN

- 4** 4000K CRI93
- 5** 3000K CRI93
- 8** 2700K CRI93

C. BEAM

- F** spot 25°, soft lens
- G** flood 38°, soft lens
- H** wide flood 55°, soft lens

Example: BASE CODE **64118** A **8** B **8** C **F** D **6** = **64118-88F6**

D. FINISHES

2 black RAL 9005



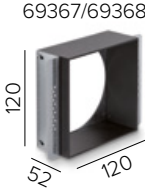
6 white RAL 9003



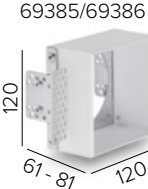
INSIDE 120 SQ2 / INSIDE 120 SQ3

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED



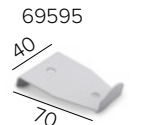
69367/69368



69385/69386



69549/69550



69550

Power supply 48V DC* ON/OFF

code	description	dimensions mm
69367	white mounting frame for ceiling thickness 13 mm / 0.51"	W120x120xH52
69368	black mounting frame for ceiling thickness 13 mm / 0.51"	W120x120xH52
69385	height adjustable white mounting frame for ceiling thickness from 10 to 30 mm / from 0.39" to 1.18"	W120x120xH61-81
69386	height adjustable black mounting frame for ceiling thickness from 10 to 30 mm / from 0.39" to 1.18"	W120x120xH61-81
69549	white mounting frame for plasterboard US market	W120x120xH52
69550	black mounting frame for plasterboard US market	W120x120xH52
69595	key for extraction of the luminaire from the mounting frame	W70xD40

code	output power	input voltage / frequency	IP	dimensions mm
69180	30W	90-264V	47-63Hz IP20	L160xW46xH30
69182	60W	90-305V	47-63Hz IP67	L163xW43xH32
69183	100W	90-264V	47-63Hz IP20	L201xW70xH35
69188	150W	90-305V	47-63Hz IP67	L228xW68xH39
69189	240W	90-305V	47-63Hz IP67	L244xW68xH39
69089	ON/OFF, 25W / max 1	176-264V	50-60Hz IP20	L135xW38xH28
69092	1-10V, 25W / max 1	99-264V	50-60Hz IP20	L103xW67xH21
69074	DALI, 32W / max 1	110-240V	50-60Hz IP20	L103xW67xH21
69094	ON/OFF, 38W / max 1	176-264V	50-60Hz IP20	L130xW42xH30
69093	1-10V, 50W / max 1	99-264V	50-60Hz IP20	L129xW76xH30
69077	DALI, 60W / max 2	99-264V	50-60Hz IP20	L129xW76xH30

Power supply 700 mA max No. fixtures INSIDE 120 SQ2 only

Power supply 900 mA max No. fixtures INSIDE 125 SQ3 only

Class 2 power supply 48V DC 700 mA 900 mA

Consult **B LIGHT North America**
Lighting Group Network
T: 212.775.6363
E: info@lightinggroupnetwork.com

OPTIONAL ACCESSORIES



69102/69103



no strobo effect

code	page	description	input voltage	IP	dimensions mm
69102	554	SMART DIMM MASTER 1 Dimmer interface master (four channels max 120 luminaires and No. 32 SMART DIMM SLAVE 1) or 0-10V interface (one channel max 120 luminaires and No. 32 SMART DIMM SLAVE 1, active signal is required)	48V DC	IP20	W58xD35xH16
69103	554	SMART DIMM SLAVE 1 DMX interface or dimmer interface slave (four channels max 120 luminaires)	48V DC	IP20	W58xD35xH16

*To choose the power supply, always add a spare 20% as safety margin.
See pag 587 for cable size and max wiring distance from power supply to last connected luminaire