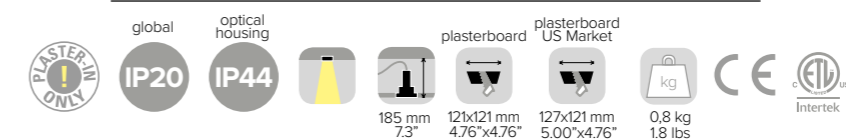
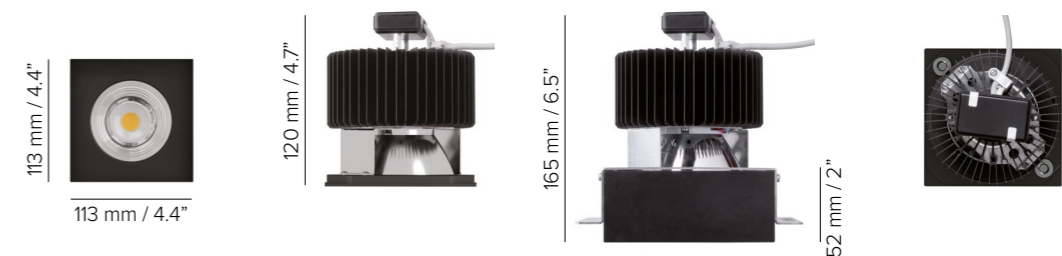
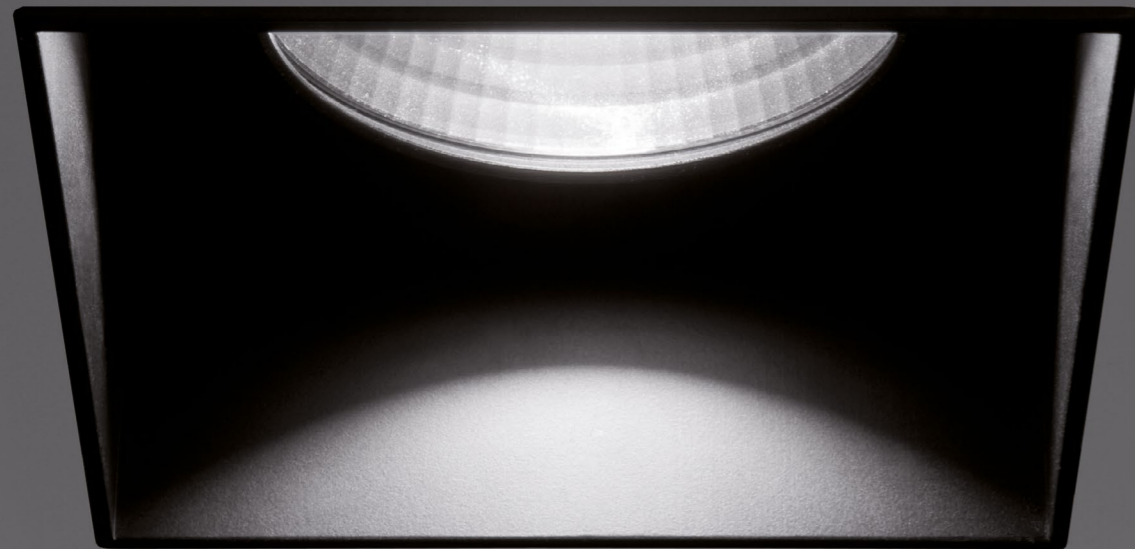


INSIDE 120 SQ2 / INSIDE 120 SQ3

SPECIFICATIONS

base code	INSIDE 120 SQ2: 64116 - INSIDE 120 SQ3: 64118
typology	Square trimless downlight
mounting	In plasterboard using mounting frame to be separately ordered
dimension	120x120 mm / 4.7"x4.7"
height	120 mm / 4.7", 165 mm / 6.5"
required depth	185 mm / 7.3"
first fit requirement	Yes, separate mounting frame for plaster ceiling. Mounting frame for plasterboard 13 mm / 0.5" (code 69367/69368). Height adjustable mounting frame for plasterboard (code 69385/69386). Mounting frame for plasterboard US market (code 69549/69550)
ceiling cut out	121x121 mm / 4.76"x4.76". US Market: 127x121 mm / 5"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 24V DC and 700 mA. North America: 23W at 700 mA. INSIDE 120 SQ3: 28W at 24V DC and 900 mA. North America: 28W at 900 mA
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	Two Wires Dimming. 24V DC: Reverse Polarity Protection. Thermal Sensor. Safe Wiring
control protocols	0-10V, DMX or DALI
certifications	CE, ETL listed (certified to UL 2108, CSA C22.2)



INSIDE 120 SQ2

23 W

ORDER CODE

BASE CODE	A. POWER SUPPLY	B. KELVIN	C. BEAM
64116	2 24V DC power supply NOT included L 700 mA power supply NOT included U listed 700 mA power supply NOT included	4 4000K CRI93 5 3000K CRI93 8 2700K CRI93	F spot 20°, soft lens G flood 31°, soft lens H wide flood 49°, soft lens

Example: BASE CODE **64116** A **2** B **8** C **F** D **6** = **64116-28F6**

D. FINISHES

2 black RAL 9005 **6** white RAL 9003

INSIDE 120 SQ3

28 W

ORDER CODE

BASE CODE	A. POWER SUPPLY	B. KELVIN	C. BEAM
64118	2 24V DC power supply NOT included L 900 mA power supply NOT included U listed 900 mA power supply NOT included	4 4000K CRI93 5 3000K CRI93 8 2700K CRI93	F spot 25°, soft lens G flood 38°, soft lens H wide flood 55°, soft lens

Example: BASE CODE **64118** A **2** B **8** C **F** D **6** = **64118-28F6**

D. FINISHES

2 black RAL 9005 **6** white RAL 9003

INSIDE 120 SQ2 / INSIDE 120 SQ3

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED



code	description	dimensions mm
69367	white mounting frame for plasterboard 13 mm / 0.5"	W120x120xH52
69368	black mounting frame for plasterboard 13 mm / 0.5"	W120x120xH52
69385	height adjustable white mounting frame for plasterboard from 10 to 30 mm / from 0.4" to 1.2"	W120x120xH61-81
69386	height adjustable black mounting frame for plasterboard from 10 to 30 mm / from 0.4" to 1.2"	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

Power supply
24V DC*, ON/OFF
ambient temperature up to 60°C

code	output power	input voltage / frequency	IP	dimensions mm	through cut out
69061	40W	90-305V 47-63Hz	IP67	L171xW62xH37	YES
69062	60W	90-305V 50-60Hz	IP67	L171xW62xH37	YES
69063	100W	90-305V 50-60Hz	IP67	L220xW68xH39	YES
69220	120W	90-305V 47-63Hz	IP65	L191xW63xH38	YES
69215	60W	90-305V 47-63Hz	IP65	L150xW53xH35	YES
69089	ON/OFF, 25W / max 1	176-264V 50-60Hz	IP20	L135xW38xH28	YES
69092	1-10V, 25W / max 1	99-264V 50-60Hz	IP20	L103xW67xH21	YES
69074	DALI, 32W / max 1	110-240V 50-60Hz	IP20	L103xW67xH21	YES
69094	ON/OFF, 38W / max 1	176-264V 50-60Hz	IP20	L130xW42xH30	YES
69093	1-10V, 50W / max 1	99-264V 50-60Hz	IP20	L129xW76xH30	YES
69077	DALI, 60W / max 2	99-264V 50-60Hz	IP20	L129xW76xH30	YES

Power supply
24V DC*, DALI
700 mA
max No. fixtures
INSIDE 120 SQ2 only

Power supply
24V DC*, 0-10V
700 mA
max No. fixtures
INSIDE 125 SQ3 only

Class 2 power supply
700 mA
900 mA
 listed
Consult **B LIGHT North America**
Lighting Group Network
T: 212.775.6363
E: info@lightinggroupnetwork.com

*To choose the power supply, always add a spare 20% as safety margin.

See pag 519 for cable size and max wiring distance from power supply to last connected luminaire