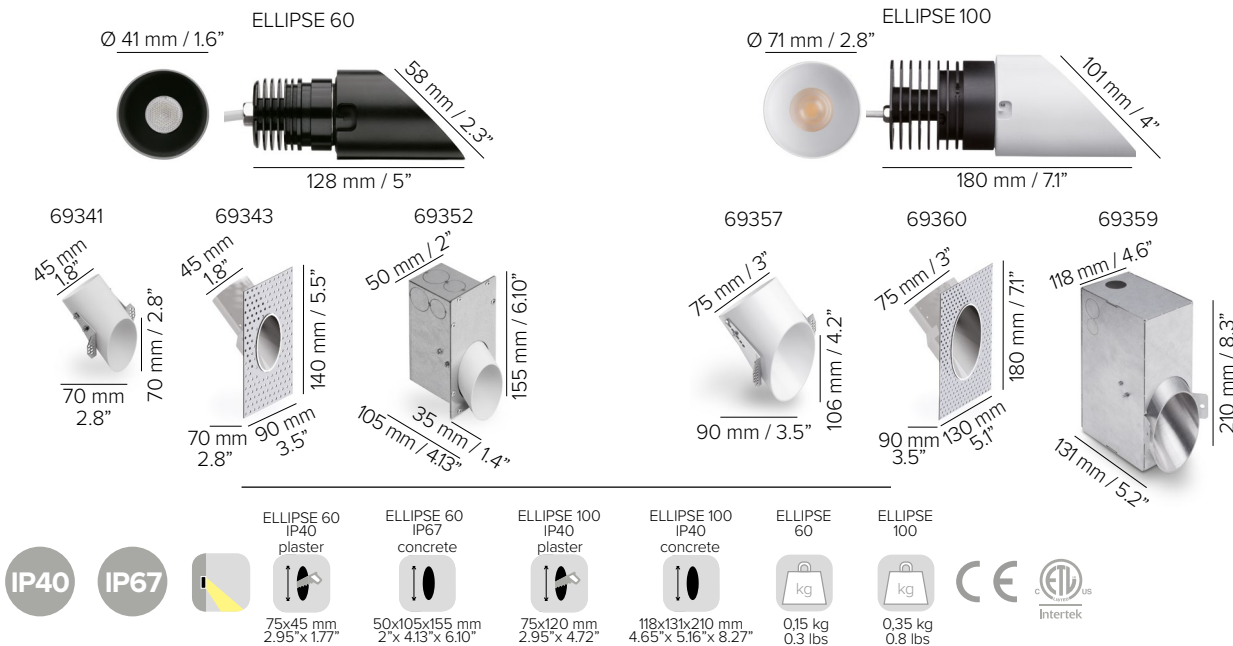




ELLIPSE

SPECIFICATIONS

base code	64422 ELLIPSE 60 (IP40) - 66436 ELLIPSE 60 (IP67) - 64425 ELLIPSE 100 (IP40)
typology	Wall mounted luminaire totally flush with the wall with asymmetrical light distribution
mounting	In plasterboard using mounting frame or in concrete using housing box to be separately ordered as accessories
aperture	ELLIPSE 60: 41x58 mm / 1.6"x 2.3" - ELLIPSE 100: 71x101 / 2.8"x 4"
required depth	ELLIPSE 60 (IP40): Plasterboard: 80 mm / 2.8" - Concrete: 102 mm / 4" ELLIPSE 60 (IP67): Plasterboard: 80 mm / 3.2" - Concrete: 102 mm / 4" ELLIPSE 100 (IP40): Plasterboard: 130 mm / 4.4" - Concrete: 131 mm / 5.2"
first fit requirement	Yes, separate mounting frame for plasterboard or housing box for concrete
surface cut out	ELLIPSE 60: Plasteboard: 75x45 mm / 2.95"x 1.77" Concrete: 50x105x155 mm / 2"x 4.13"x 6.10" ELLIPSE 100: Plasteboard: 75x120 mm / 2.95"x 4.72" Concrete: 118x131x210 mm / 4.65"x 5.16"x 8.27"
construction	Turning and milling aluminum. Lens ELLIPSE 60: PMMA. Reflector and protective glass ELLIPSE 100: polycarbonate. Mounting frame and housing box: turning and milling aluminum and zinc plated iron
finishes	Powder coated. Heat sink anodized
ingress protection	IP40 or IP67. North America dry or wet location. Built-in protection from water infiltration and moisture
lamp type	ELLIPSE 60: LED array on printed circuit board. ELLIPSE 100: COB. Remote power supply not included
lamp wattage	ELLIPSE 60: 3W at 48V DC. North America 24V DC ELLIPSE 100: 12W at 48V DC and 350 mA. North America 12W at 48V DC and 350 mA
lamp lumens	ELLIPSE 60: 280lm. ELLIPSE 100: 1320lm
delivered lumens	ELLIPSE 60: 200lm. ELLIPSE 100: 1060lm
lumen maintenance	50.000h L90
kelvin	2200K CRI80, 2700K CRI93, 3000K CRI93 and 4000K CRI93 / 3 step MacAdam ellipse
special features	48V DC: unpolarized electronic system. 24V DC: reverse polarity protection. Thermal Sensor. Safe wiring. Two wires dimming. Water stop technology
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 wet location



ELLIPSE

ORDER CODE

BASE CODE

64422 ELLIPSE 60
IP40
66436 ELLIPSE 60
IP67

64425 ELLIPSE 100
IP40

A . POWER SUPPLY

8 48V DC
power supply
NOT included

R  listed
24V DC
power supply
NOT included

L 350 mA
power supply
NOT included¹

S  listed
48V DC
power supply
NOT included¹

U  listed
350 mA
power supply
NOT included¹

¹ELLIPSE 100 ONLY

B . KELVIN

4 4000K CRI93
ELLIPSE 100 ONLY

5 3000K CRI93

8 2700K CRI93

I 2200K CRI80
ELLIPSE 60 ONLY

C . DIFFUSER

1 PMMA

Example: BASE CODE A B C D
64422 8 5 1 2 = 64422-8512

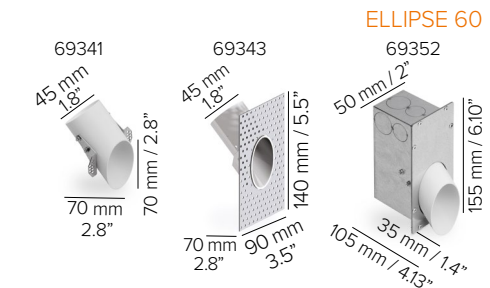
D . FINISHES

2 black
RAL 9005

6 white
RAL 9003

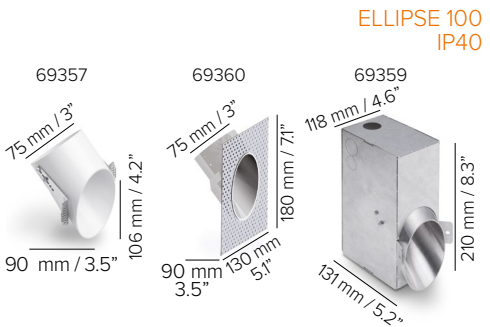
ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED



code	description	dimensions mm
69341	mounting frame for plasterboard thickness 13 mm / 0.5" ²	Ø45xD70xH70
69343	mounting frame for plasterboard US market	Ø45xD70xH140
69352	housing box for concrete	W50xD105xH155

² On request, also available for different plasterboard thickness



69357	mounting frame for plasterboard thickness 13 mm / 0.5" ²	Ø75XD90XH106
69360	mounting frame for plasterboard US market	Ø75XD90XH180
69359	housing box for concrete	W118xD131xH210

² On request, also available for different plasterboard thickness

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

	code	output power	input voltage	frequency	IP	dimensions mm
Power supply 48V DC, ON/OFF*	69181	40W	90-305V	47-63Hz	IP54	L163xW43xH32
	69182	60W	90-305V	47-63Hz	IP54	L163xW43xH32
	69187	100W	90-305V	47-63Hz	IP67	L220xW68xH39
Power supply 48V DC, 1-10V [†]	69185	40W	90-305V	47-63Hz	IP67	L171xW62xH37
	69186	60W	90-305V	47-63Hz	IP67	L171xW62xH37
	69187	100W	90-305V	47-63Hz	IP67	L220xW68xH39
Power supply 48V DC, DALI [†]	69195	75W	100-305V	47-63Hz	IP67	L180xW63xH36
	69196	100W	100-305V	47-63Hz	IP67	L199xW63xH36
Power supply 48V DC, 1-10V and DALI	69096	55W	99-264V	50-60Hz	IP20	L129xW76xH30
	69097	120W	90-305V	47-63Hz	IP67	L191xW63xH38
Power supply 350 mA max No. fixtures ELLIPSE 100 only	69086	ON/OFF, 15W / max 1	90-264V	50-60Hz	IP20	L115xW34xH19
	69090	1-10V, 18W / max 1	99-264V	50-60Hz	IP20	L120xW52xH22
	69079	DALI, 15W / max 1	110-240V	50-60Hz	IP20	L120xW52xH22

[†]for a perfect dimming, it is necessary that the power supply is saturated to 100%.
ELLIPSE 100 On/off only

Class 2 power supply
24V DC
48V DC
350 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 509 for cable size and max wiring distance from power supply to last connected luminaire