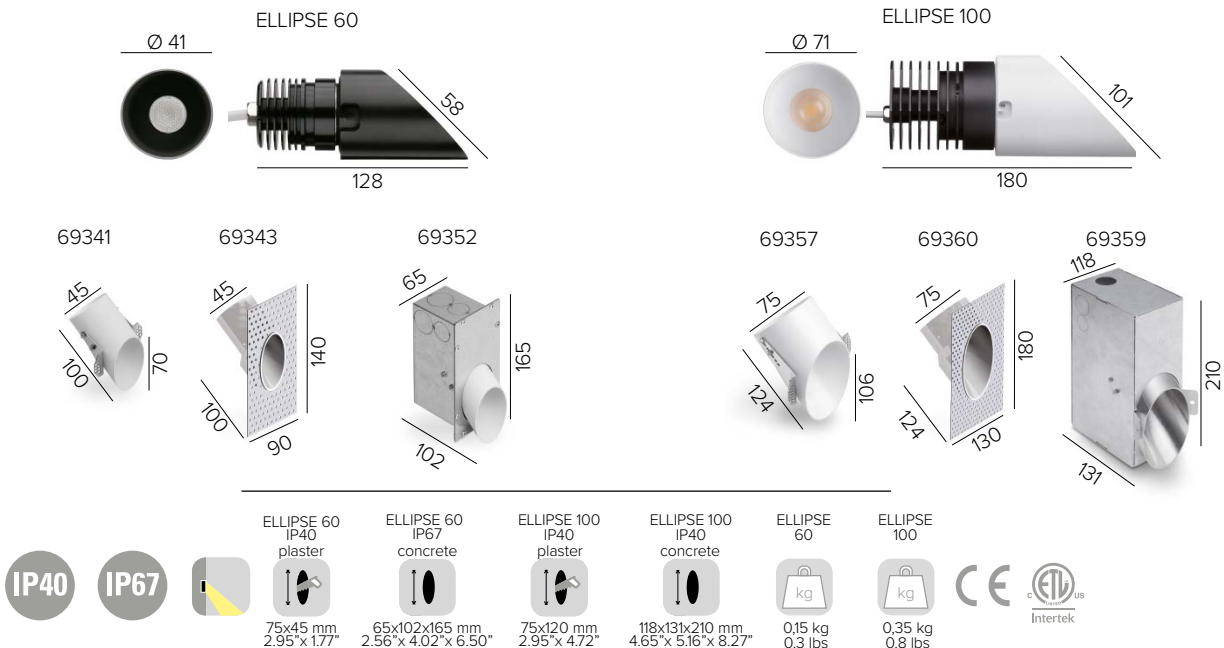




ELLIPSE

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 / 1.61"x 2.28" - ELLIPSE 100: 71x101 / 2.80"x 3.98"
required depth	ELLIPSE 60 (IP40): Plasterboard: 60 mm / 2.36" - Concrete: 102 mm / 4.02" ELLIPSE 60 (IP67): Plasterboard: 80 mm / 3.15" - Concrete: 102 mm / 4.02" ELLIPSE 100 (IP40): Plasterboard: 110 mm / 4.33" - Concrete: 131 mm / 5.16"
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: 65x102x165 mm / 2.56"x 4.02"x 6.50" 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 / IP67. 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	2700K CRI93, 3000K CRI93 and 4000K CRI93 / 3 step MacAdam ellipse
special features	Two wires dimming - Safe wiring. 48V DC and 24V DC: B LIGHT Thermal Sensor - Unpolarized electronic system (24V DC: reverse polarity protection)
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
standards	CE, UL 1598, CSA C22.2



ELLIPSE

ORDER CODE

BASE CODE

64422 ELLIPSE 60
IP40
66436 ELLIPSE 60
IP67

64425 ELLIPSE 100
IP40

A . POWER SUPPLY

8 48V DC
EXCL. power
supply

R  listed
24V DC
EXCL. power
supply

L 350 mA
EXCL. power
supply¹

S  listed
48V DC
EXCL. power
supply¹

U  listed
350 mA
EXCL. power
supply¹

¹ELLIPSE 100 only

B . KELVIN

4 4000K CRI93²

5 3000K CRI93

8 2700K CRI93

²ELLIPSE 100 only

C . BEAM

1 PMMA

Example: BASE CODE
64422 **8** **5** **1** **2**

= **64422-8512**

D . FINISHES

2 black
RAL 9005



6 white
RAL 9003

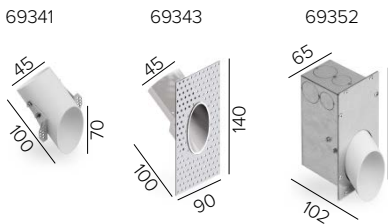


E . OTHER

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

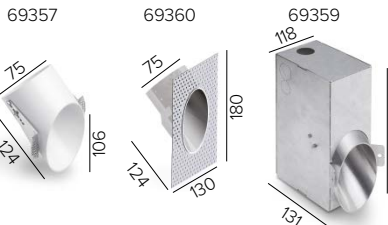
ELLIPSE 60



code	description	dimensions mm
69341	mounting frame for plasterboard thickness 13 mm / 0,51" ²	Ø45xD100xH70
69343	mounting frame for plasterboard US market	Ø45xD100xH70
69352	housing box for concrete - ELLIPSE 60 IP67	W65xD102xH165

² On request, also available for different plasterboard thickness

ELLIPSE 100 IP40



69357	mounting frame for plasterboard thickness 13 mm / 0,51" ²	Ø75xD124xH106
69360	mounting frame for plasterboard US market	Ø75xD124xH106
69359	housing box for concrete	W118xD131xH210

² On request, also available for different plasterboard thickness

ELLIPSE

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

Power supply
48V DC
ON/OFF*

Power supply
48V DC
1-10V[®] or ON/OFF*
for ambient temperature
up to 60° C

Power supply
48V DC
DALI[®]
for ambient temperature
up to 60° C

Power supply
48V DC
1-10V and DALI

Power supply
48V DC
0-10V

Power supply
350 mA
max No. fixtures
ELLIPSE 100 only

Class 2 power supply
24V DC
48V DC
350 mA

code	output power	input voltage / frequency	IP	dimensions mm
69180	30W	90-264V	47-63Hz IP20	L160xW46xH30
69181	40W	90-305V	47-63Hz IP67	L163xW43xH32
69182	60W	90-305V	47-63Hz IP67	L163xW43xH32
69187	100W	90-305V	47-63Hz IP67	L220xW68xH39
69185	40W	90-305V	47-63Hz IP67	L171xW62xH37
69186	60W	90-305V	47-63Hz IP67	L171xW62xH37
69187	100W	90-305V	47-63Hz IP67	L220xW68xH39
69195	75W	100-305V	47-63Hz IP67	L180xW63xH36
69196	100W	100-305V	47-63Hz IP67	L199xW63xH36
69096	55W	99-264V	50-60Hz IP20	L129xW76xH30
69097	120W	90-305V	47-63Hz IP67	L191xW63xH38
69086	ON/OFF, 15W / max 1	90-264V	50-60Hz IP20	L115xW34xH19
69090	1-10V, 15W / max 1	99-264V	50-60Hz IP20	L120xW52xH22
69079	DALI, 15W / max 1	110-240V	50-60Hz IP20	L120xW52xH22

¹for a perfect dimming, it is necessary that the power supply is saturated to 100%.
ELLIPSE 100 On/off only

Consult **US distributor** Lites on West
T: 212.775.6363
E: info@litesonwest.com

OPTIONAL ACCESSORIES

69102/69103



Control unit
48V DC
Dimmer interface
0-10V interface
ELLIPSE 100 only

Control unit
48V DC
DMX interface
ELLIPSE 100 only

code	page	description	input voltage	IP	dimensions mm
69102	572	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	572	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 603 for cable size and max wiring distance from power supply to last connected luminaire