

PRODUCT SPECIFICATION SHEET

Ionic LED Fitting Range

The Ionic fitting range consists of three LED light fittings, the Ionic SX, MX and LX. Offering the ultimate in versatility, this system comprises of an extruded aluminium track, available in either surface or corner mount versions. The mounting track for Ionic is a low profile 9mm version which looks great when the track needs to be visible but can also be recessed into a mounting surface if required.

The fitting's magnetic attraction to the track allows them to be freely placed, moved, slid and removed without any interference from wires or cables. The fittings are polarity agnostic which means that the fittings can be placed on the track at any point in any direction. The Ionic includes global and local dimming, meaning each fitting can be dimmed on a track then all the fittings can be dimmed at once.

This system offers full 360° rotation as well as 90° of tilt - so it can be pointed in almost any direction. There are three colour temperatures for all fittings and the Ionic spotlights have a variety of lens types, from narrow to wide angled, and all can be mixed and matched within the system.



PRODUCT SPECIFICATION SHEET

Ionic SX



The Ionic SX is the smallest in the Ionic range, measuring at 54mm in height when mounted on the track with the standard snoot. The fittings miniscule size makes for effortless concealment within display cases and cabinets.

Offering 360° rotation and 90° of tilt, this fitting can point in almost any direction to illuminate objects. There are a variety of lens options, colour temperatures and accessories to choose from, from the directional snoot, extended snoot and honeycomb louver - so the Ionic SX can be customised to your preference.

GENERAL INFORMATION

Light Source	White light LED
Operating Environment	Indoor
IP Rating	IP20
Material	Aluminium
Weight	29g
Finishes	Black / silver / white* / custom RAL*
Securing Method	Magnetic

OPTICS DATA

Available Optics	16° / 23° / 36° / 61° / 45° x 20° / 20° x 50° / 80°
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LED ARRAY DATA

LED Type	Osram Oslon Square on 9.5mm diameter PCB
LED Life (L70, B10)	>54,000 Hours
Fitting Drive Current	~250mA
Power Consumption	0.75W
Color Temperature	2700K, 3000K, 4000K
CRI	>95
Lumen Output	54lm
LED Luminous Efficacy	98lm/W
Fitting Luminous Efficacy	72lm/W

ARTICULATION

Rotation	360°
Tilt	77°

DRIVER INFORMATION

Driver Type	12V Constant voltage power supply
Driver Dimming Options	Local dimming only Local and global manual dimming **Global DALI, 0-10V, & manual dimming

*Subject to extended lead times & possible pricing increase

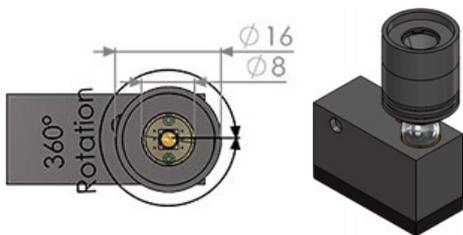
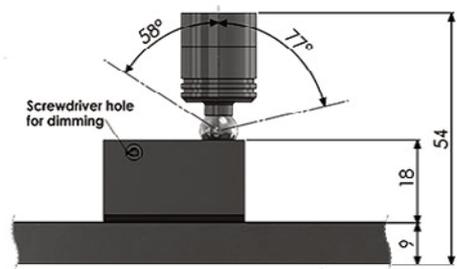
**Project specific based on requirements



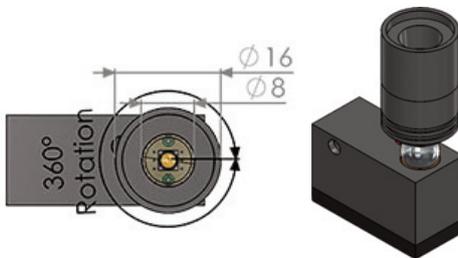
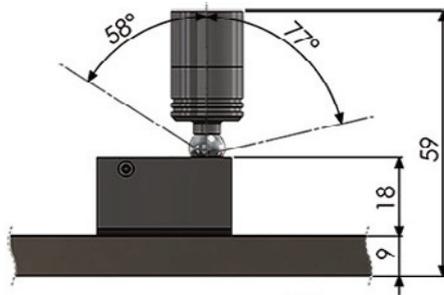
SIZES & DIMENSIONS

Ionic SX

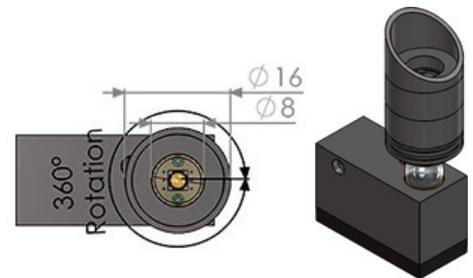
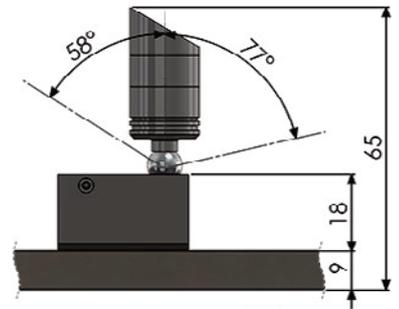
SX Standard Snoot



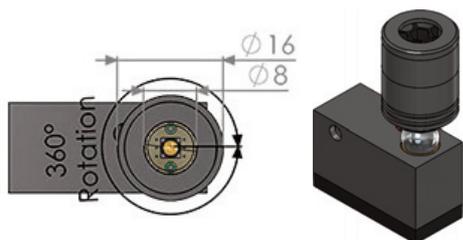
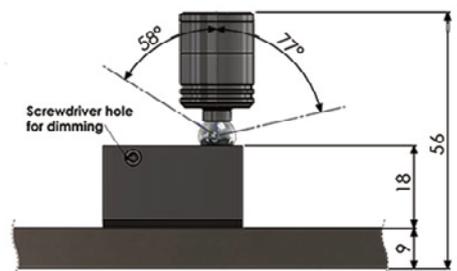
SX Extended Snoot



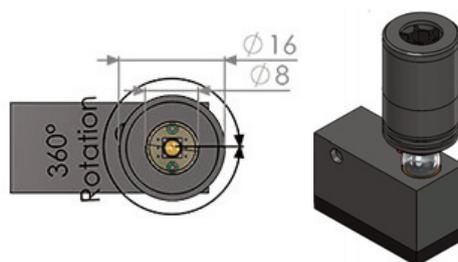
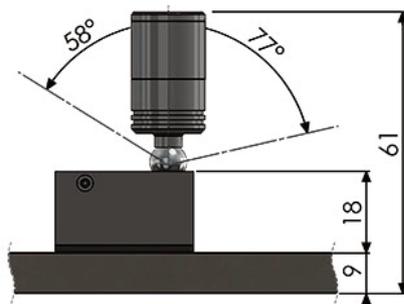
SX Directional Snoot



SX Standard Snoot & Honeycomb



SX Extended Snoot & Honeycomb



All dimensions are shown in mm.

PRODUCT SPECIFICATION SHEET

Ionic MX



The Ionic MX is slightly larger than the SX, however, much like the SX it can be easily concealed within display cases and cabinets. The Ionic MX measures at 77mm in height whilst mounted with the standard snoot.

Offering 360° rotation and 70° of tilt, this fitting can point in almost any direction to illuminate objects. There are a variety of lens options, colour temperatures and accessories to choose from, from the directional snoot, extended snoot and honeycomb louver - so the Ionic MX can be customised to your preference. Unlike the Ionic SX, the MX can utilize the directional snoot and honeycomb louver at the same time.

GENERAL INFORMATION

Light Source	White light LED
Operating Environment	Indoor
IP Rating	IP20
Material	Aluminium
Weight	64g
Finishes	Black / silver / white* / custom RAL*
Securing Method	Magnetic

OPTICS DATA

Available Optics	13.5° / 19° / 28°
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LED ARRAY DATA

LED Type	Osram Oslon Square on 20mm Alu Star PCB
LED Life (L70, B10)	>54,000 Hours
Fitting Drive Current	500mA
Power Consumption	1.5W @ 500mA
Color Temperature	2700K, 3000K, 4000K
CRI	>95
Lumen Output	132lm @ 500mA
LED Luminous Efficacy	98lm/W
Fitting Luminous Efficacy	88lm/W

ARTICULATION

Rotation	360°
Tilt	70°

DRIVER INFORMATION

Driver Type	12V Constant voltage power supply
Driver Dimming Options	Local dimming only Local and global manual dimming **Global DALI, 0-10V, & manual dimming

*Subject to extended lead times & possible pricing increase

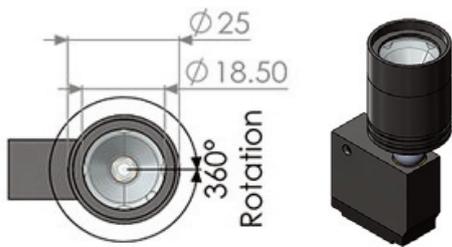
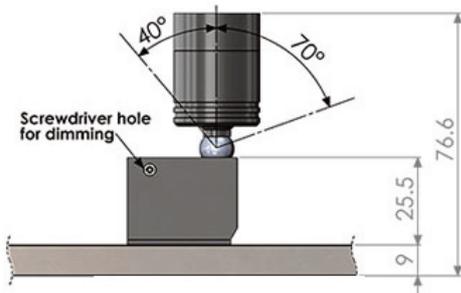
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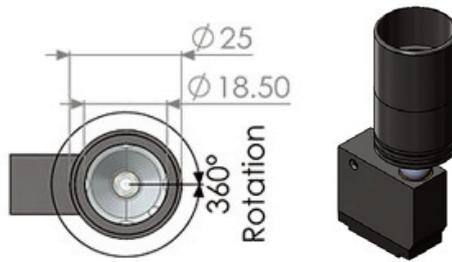
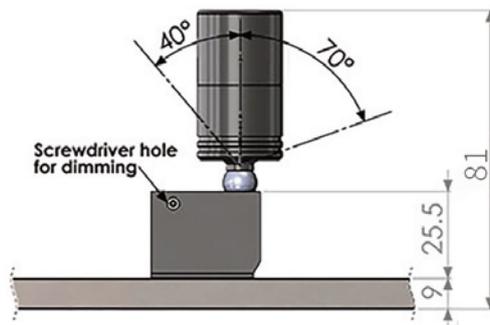
SIZES & DIMENSIONS

Ionic MX

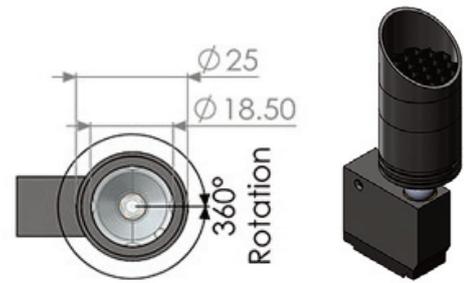
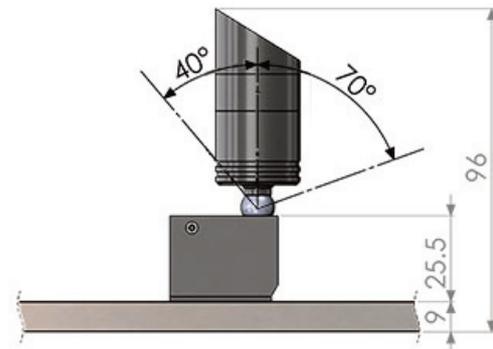
MX Standard Snoot



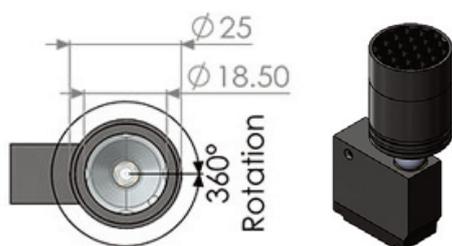
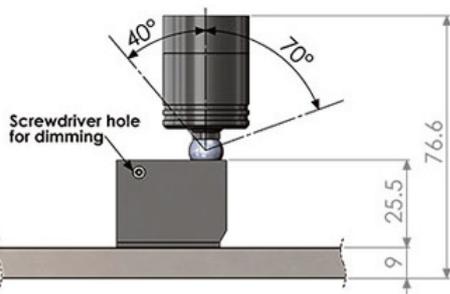
MX Extended Snoot



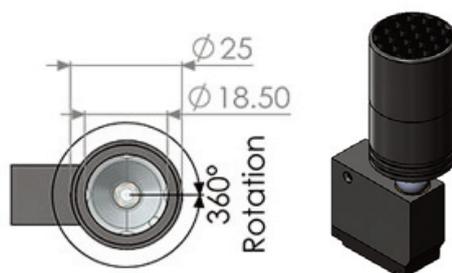
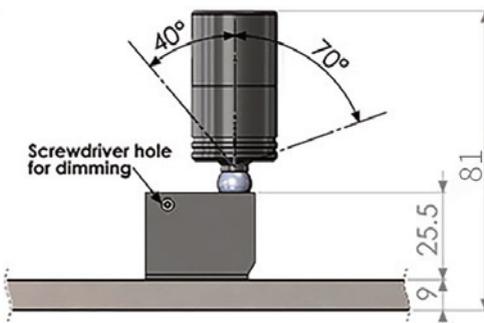
MX Directional Snoot



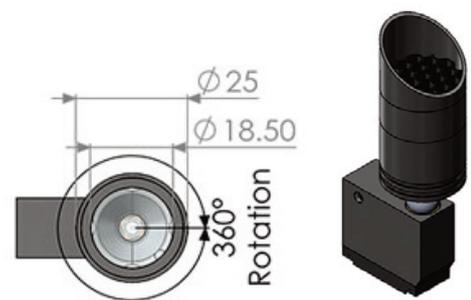
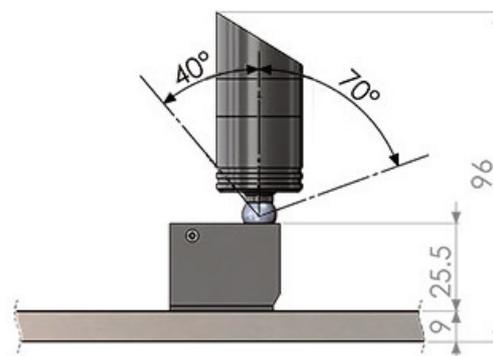
MX Standard Snoot & Honeycomb



MX Extended Snoot & Honeycomb



MX Directional Snoot & Honeycomb



All dimensions are shown in mm.

PRODUCT SPECIFICATION SHEET

Ionic LX



The LX is the largest fitting in the Ionic range. The Ionic LX measures at 80mm in height whilst mounted with the standard snoot. Offering 360° rotation and 90° of tilt, this fitting can point in almost any direction to illuminate objects. There are a variety of lens options, colour temperatures and accessories to choose from, from the directional snoot, extended snoot and honeycomb louver - so the Ionic LX can be customised to your preference. Just like the Ionic MX, the SX can utilize the directional snoot and honeycomb louver at the same time. Please note that the Ionic LX can only be mounted when the magnetic mounting track is positioned vertically.

GENERAL INFORMATION

Light Source	White light LED
Operating Environment	Indoor
IP Rating	IP20
Material	Aluminium
Weight	134g
Finishes	Black / silver/ white* / custom RAL*
Securing Method	Magnetic

OPTICS DATA

Available Optics	13.5° / 19° / 28°
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LED ARRAY DATA

LED Type	Osram Oslon Square on 20mm Alu Star PCB
LED Life (L70, B10)	>54,000 Hours
Fitting Drive Current	700mA
Power Consumption	2.1W @ 700mA
Color Temperature	2700K, 3000K, 4000K
CRI	>95
Lumen Output	178lm @ 700mA
LED Luminous Efficacy	98lm/W
Fitting Luminous Efficacy	84lm/W

ARTICULATION

Rotation	360°
Tilt	90°

DRIVER INFORMATION

Driver Type	12V Constant voltage power supply
Driver Dimming Options	Local dimming only Local and global manual dimming **Global DALI, 0-10V, & manual dimming

*Subject to extended lead times & possible pricing increase

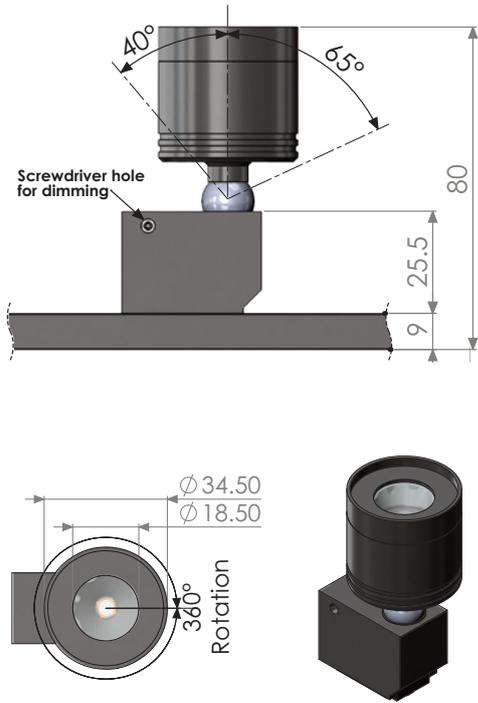
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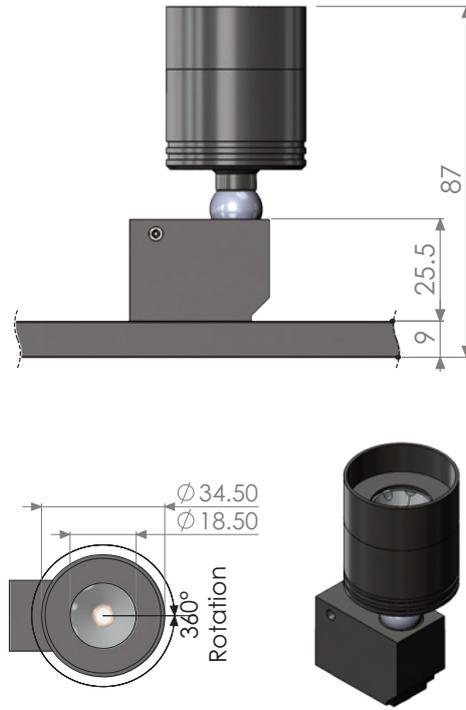
SIZES & DIMENSIONS

Ionic LX

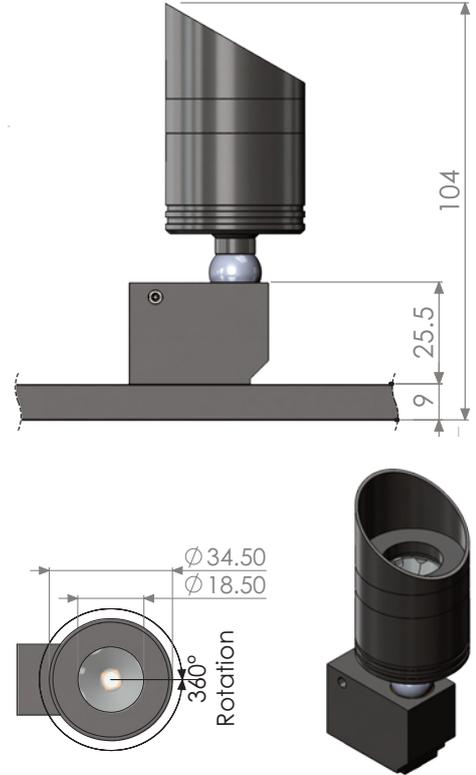
LX Standard Snoot



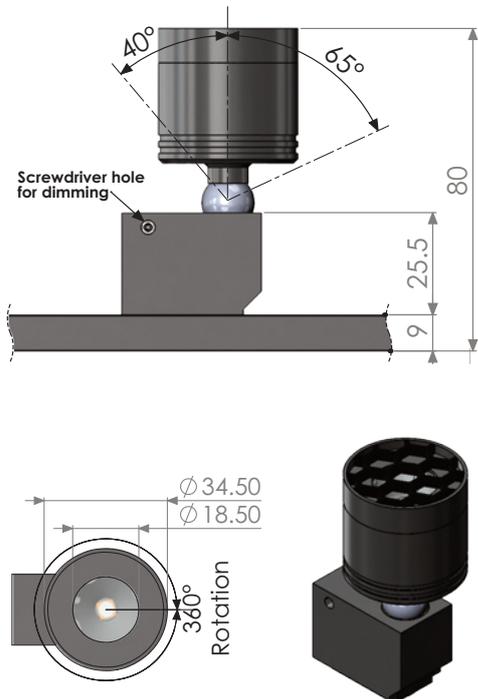
LX Extended Snoot



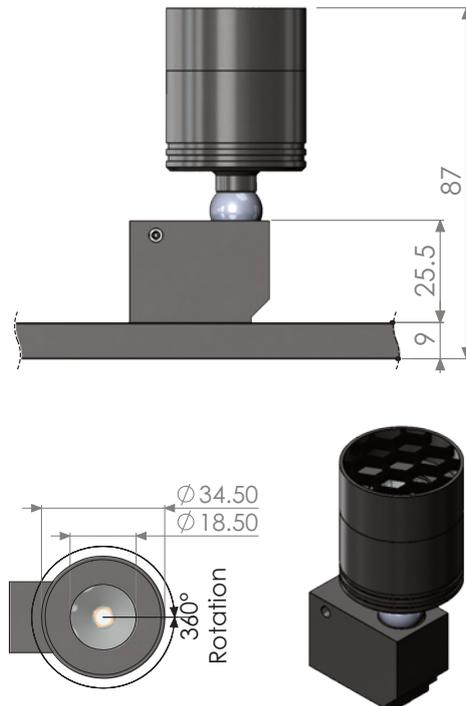
LX Directional Snoot



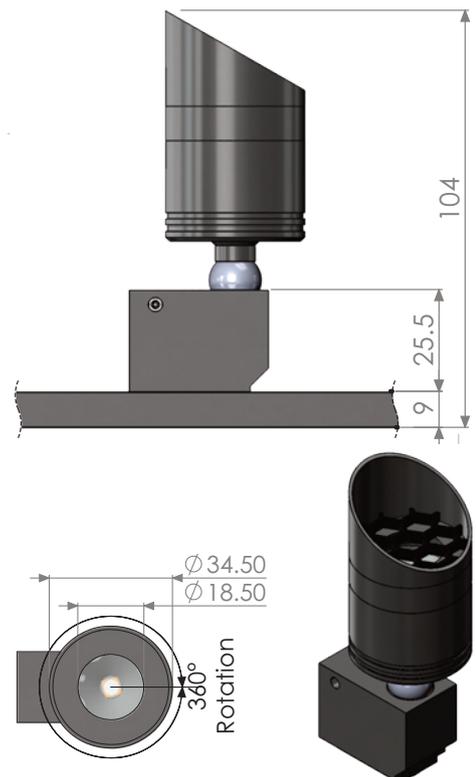
LX Standard Snoot & Honeycomb



LX Extended Snoot & Honeycomb



LX Directional Snoot & Honeycomb



All dimensions are shown in mm.

ACCESSORIES & ORDERING CODES

Ionic LED Fitting Range

ITEM	PART NUMBER	OPTION VALUES
Mounting Track	ION-TR-[LENGTH]-[COL]	Specify length required in metres. Max length available is 2.8m Specify color options from BL - Black SV - Silver.
Extended Snoot	[MODEL]-SNE-[COL]	Specify model from ION-SX - ION MX - ION-LX Specify color options from BL - Black / SV - Silver / WH - White
Directional Snoot	[MODEL]-SND-[COL]	Specify model from ION-SX - ION MX - ION-LX Specify color options from BL - Black / SV - Silver / WH - White
Honeycomb Louver	[MODEL]-HC	Specify model from ION-SX - ION MX - ION-LX For SX range (standard or extended options only) and MX/LX range (all models)
Additional Lens Options	ION-LENS-[OPTIC]	Specify lens optics from 16°, 23°, 36°, 61°, 80°, 45° x 20° oval, 20° x 50° oval
Magnetic Bracket 45°	ION-MAGB45-[COL]	Specify color options from BL - Black / SV - Silver / WH - White
Magnetic Bracket Straight	ION-MAGB-[COL]	Specify color options from BL - Black / SV - Silver / WH - White
Power In	ION-RPIC	Black only
Interface Unit (no dimming)	IONIF-CV-DC-12-XX	Local dimming only
Driver unit (with dimming)	IONDR-CV-DC-12-18-D	Local and global manual dimming
End Cap	IONIC-RCEC	Specify colour options from BL - Black / SV - Silver / WH - White
Wall Clip (screw in)	IONIC-RCLICP	Specify color options from BL - Black / SV - Silver / WH - White

PRODUCT ORDERING CODES

Ionic LED Fitting Range

IONIC SX PRODUCT CODES

MODEL	FITTING	COLOUR TEMP		OPTICS		COLOR		SNOOT		HONEYCOMB	
Ionic SX	FIT	2700K	27	16°	16	Black	BL	Standard	ST	Honeycomb	HC
		3000K	30	23°	23	Silver	SV	Extended	SNE	No Honeycomb	XX
		4000K	40	36°	36	White*	WH	Directional	SND		
				61°	61	Custom*	CS				
				80°	80°						
				45° x 20°	45x20						
				20° x 50°	20X50						

IONIC MX PRODUCT CODES

MODEL	FITTING	COLOUR TEMP		OPTICS		COLOR		SNOOT		HONEYCOMB	
Ionic MX	FIT	2700°K	27	13.5°	13	Black	BL	Standard	ST	Honeycomb	HC
		3000°K	30	19°	19	Silver	SV	Extended	SNE	No Honeycomb	N
		4000°K	40	28°	28	White*	WH	Directional	SND		
				Custom*	CS						

IONIC LX PRODUCT CODES

MODEL	FITTING	COLOUR TEMP		OPTICS		COLOR		SNOOT		HONEYCOMB	
Ionic LX	FIT	2700°K	27	13.5°	13	Black	BL	Standard	ST	Honeycomb	HC
		3000°K	30	19°	19	Silver	SV	Extended	SNE	No Honeycomb	N
		4000°K	40	28°	28	White*	WH	Directional	SND		
				Custom*	CS						

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