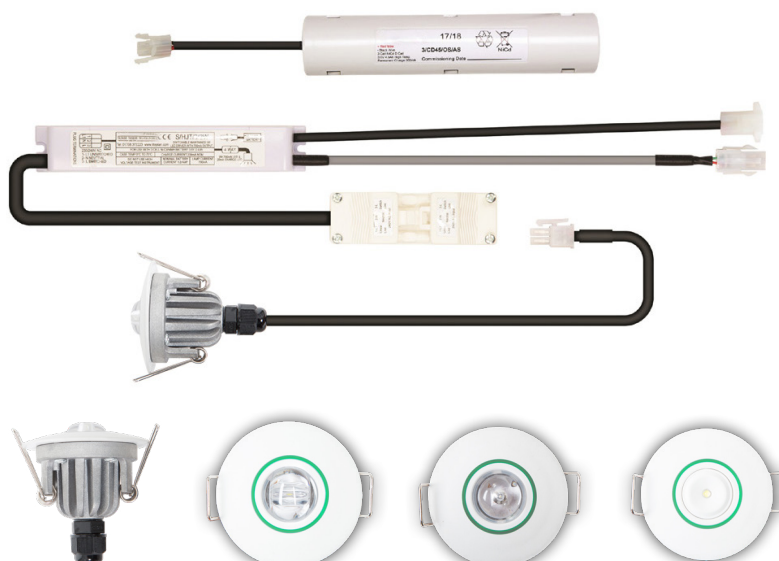


Technical Specifications Summary

The **Ellis 2A Series** is a discrete emergency LED luminaire designed for ceiling recess applications.

The bezel has a diameter of 50mm and requires a cut out of 43mm. The main LED can be driven up to 700mA and provides up to 268 lumens.

The body also features a patented halo effect bi-colour LED; green for charge healthy and red for fault indication of self-test functionality.



Halo Indicator

Halo Indicator

No halo colour indicates that power at the mains is off



Halo Indicator

Green for healthy charge



Halo Indicator

Red for fault indication of self-test functionality



CODE	DESCRIPTION	OPTIC(X¹)	COLOUR
ELL2A-3-M-T1-X¹-WH	2.1W MAINTAINED	CO CORRIDOR (125°X50°)	WH WHITE (RAL9016)
ELL2A-3-NM-T4-X¹-WH	2.1W NON-MAINTAINED, SELF TEST	OA OPEN AREA (110°)	
ELL2A-3-M-T3-X¹-WH	2.1W MAINTAINED, DALI, SELF TEST	FL FLOOD DISPERSION (110°)	

Technical Details

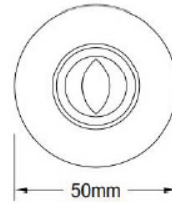
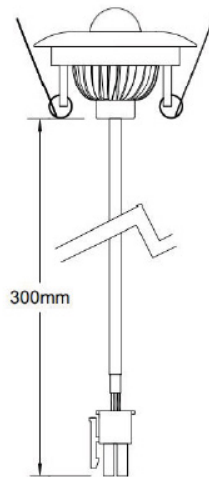
	Corridor Optic	Open Area Optic	Flood Dispersion
Input Voltage		4V DC Max	
Power Rating		2.1W	
Maximum Forward Current		700mA	
Light Source		Samsung LH315B	
Beam Angle	125° X 50°	110°	110°
CCT		6500K	
Tc Max		80°C LED Back Plate	
Lumen Output	266 Lumen	268 Lumen	237 Lumen
Wiring Method	Series Connection via C4201 Plug into Emergency Driver (Terminal Block VAC Connection)		
Ingress Protection	IP65 (not including control gear)		IP20
Dimensions		ø50mm x 45mm (min void 40mm)	
Weight	0.61Kg	0.61Kg	0.61Kg

Spacing Table

Mounting Height	Corridor Optic Along Corridor (length)				Corridor Optic Across Corridor (width)			
	To Wall		Between Fittings		To Wall		Between Fittings	
	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
2.5m	9.9m	8.1m	22.3m	19.7m	7.9m	6.3m	3.1m	2.4m
3.0m	10.7m	8.4m	25.4m	21.5m	8.4m	6.6m	3.3m	2.4m
4.0m	11.8m	0.4m	29.5m	23.5m	9.2m	6.8m	3.4m	0.2m
5.0m	11.5m	-	32.2m	22.9m	9.6m	6.2m	3.1m	-
6.0m	-	-	33.5m	-	9.6m	-	-	-

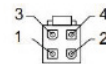
Mounting Height	Flood Dispersion				Open Area Optic			
	To Wall		Between Fittings		To Wall		Between Fittings	
	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
2.5m	4.4m	3.5m	10.6m	8.7m	5.4m	4.5m	12.5m	10.7m
3.0m	4.7m	3.7m	11.5m	9.4m	5.9m	4.7m	13.9m	11.7m
4.0m	5.1m	3.8m	13.0m	10.3m	6.6m	-	16.2m	13.1m
5.0m	5.4m	3.6m	14.1m	10.7m	0.3m	-	17.7m	0.5m
6.0m	5.3m	2.9m	14.8m	10.6m	-	-	18.7m	-
8.0m	4.5m	-	15.2m	9.0m	-	-	-	-

Corridor Optic

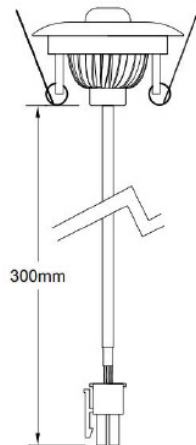


Connection Details

1. White - ve Charge LED
2. Black - ve Emitter
3. Green + ve Charge LED
4. Red + ve Emitter



Open Area Lens

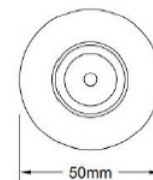
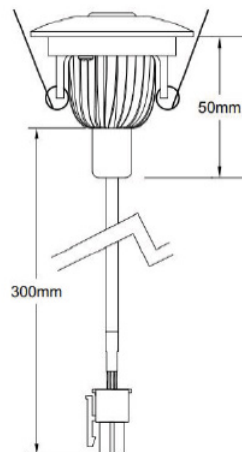


Connection Details

1. White - ve Charge LED
2. Black - ve Emitter
3. Green + ve Charge LED
4. Red + ve Emitter



Flood Dispersion



Connection Details

1. White - ve Charge LED
2. Black - ve Emitter
3. Green + ve Charge LED
4. Red + ve Emitter

