

Florin E3

High performance emergency luminaire



Escape route



Surface

Optics

- Recessed: 1.5W LED delivering 150 lumens or
- Surface: 3W LED delivering 260 lumens
- Open area and escape route distribution patterns
- Polycarbonate Tp(a) rated optics
- COMEPS version can be used as self-test by not connecting the DALI pair
- Minimum life of 50,000 hours

Body

- White high performance LED emergency head and charge indicator with non-maintained driver, charger and battery
- 3 hour non-maintained
- Ambient temperature range:
 - 0°C to +40°C recessed
 - 0°C to +45°C surface
- Battery, recessed version - Nickel Cadmium NiCd
- Battery, surface version - Lithium Iron Phosphate LiFePO4
- Central Battery version is a slave luminaire and does not include a hold-off relay (to be supplied by others)
- RAL Colour: White RAL9016.

Recessed

- IP40 rated
- Dedicated codes for open area and escape route versions
- Battery housing ensures a neat cut aperture hole and effective installation through fixed ceilings
- Suitable for ceiling thickness of 10-25mm with a minimum ceiling void of 175mm
- Ceiling thickness less than 10mm may require a patress (not supplied)
- Stainless steel spring clips to secure lamp head in position
- Also available with "EW" Routefinder Wireless for addressable emergency testing without the need for a 2 core communication cable

Surface

- Supplied with two lenses for open area or escape route distribution
- COMEPS / Easy Test functionality as standard
- Uses Lithium Iron Phosphate (LiFePO4) batteries for stability, good performance and longer life
- LiFePO4 battery life in excess of 6 years if operated within temperature limits
- IP44 rated

Order codes

Recessed

		L70B50	L80B50	L90B50
Escape Route	FLE32	>100K	>100K	55K
Open Area Distribution	FLE31	>100K	>100K	55K

Note: All DALI variants require 1 DALI address per driver. COMEPS variants will require an additional DALI address.

Surface

		L70B50	L80B50	L90B50
Escape Route (&Open Area)	FLS31/EP	>100K	>100K	55K
Open Area (&Escape Route)	FLS31/EP	>100K	>100K	55K

Surface versions are COMEPS as standard

Note: All DALI variants require 1 DALI address per driver. COMEPS variants will require an additional DALI address.

Options

CENTRAL BATTERY *	Add suffix /CB	i.e FLE32/CB or FLS31/CB
COMEPS **	Add suffix /EP	i.e FLE32/EP
ROUTEFINDER WIRELESS	Add suffix /EW	i.e. FLE32/EW

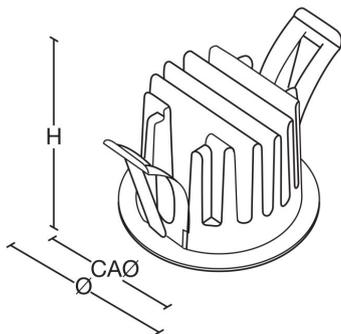
/CB and /EP cannot be used together

* Central Battery version is a slave luminaire and does not include a hold-off relay

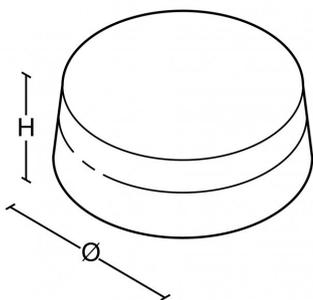
** COMEPS - when not connected to the DALI system will operate as Easytest

Note: All DALI variants require 1 DALI address per driver. COMEPS variants will require an additional DALI address.

Dimensions

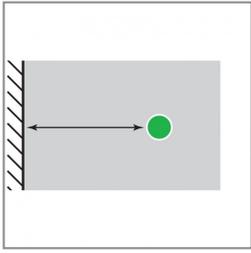


VERSION	H	KG(EM)	Ø	CAØ
Recessed Florin E3 head	25	0.31 (0.46 COMEPS)	55	45



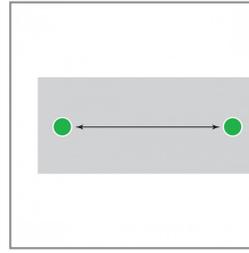
VERSION	H	KG(EM)	Ø
Surface Florin E3 head	43	0.24	142

Performance Guide



Open Area - Mounting Height	From Wall
2.5m	5.0m
3.0m	5.4m
3.5m	5.4m

Escape Route - Mounting Height	From Wall
2.5m	6.1m
3.0m	6.5m
3.5m	6.6m



Open Area - Mounting Heights	Between Heads
2.5m	12.0m
3.0m	13.6m
3.5m	14.8m

Escape Route - Mounting Heights	Between Heads
2.5m	15.0m
3.0m	16.3m
3.5m	17.4m

To Specify

Stand alone recessed or surface mounted white high performance LED emergency luminaire, complete with charge indicator, driver, charger and battery, capable of operation in non maintained mode. Alternative version for Central Battery. Driver to ensure constant light output independent of battery voltage for 3 hours from mains failure - as Whitecroft Lighting FLORIN E3