

EKOLUX

- Robust steel body
- Polycarbonate prismatic controller
- Hinged plug-in geartray for rapid installation and ease of maintenance
- Optional semi-recessing bezel
- EasiCheck™ central addressable self-test options

When applications demand a strong, robust metal body with a tough controller, Ekolux offers a functional option, yet still retains a stylish appearance. Constructed from pressed and welded steel, the luminaire benefits from a plug-in, hinged geartray and has 20mm end knock-outs in the body, convenient for surface wiring. The luminaire has a prismatic polycarbonate controller, which is retained by screws, ensuring that Ekolux can be safely used in areas such as hotels, schools, hospitals and other applications that have public access. An optional flanged bezel accentuates the bevelled controller, affording Ekolux an enhanced appearance when semi-recessed.



WHERE TO USE EKOLUX

- Offices
- Hotels
- Retail
- Hospitals
- Universities, schools and colleges
- Workshops
- Light industrial units

LAMP OPTIONS

- 8W T5 fluorescent, 3500°K - G5 cap



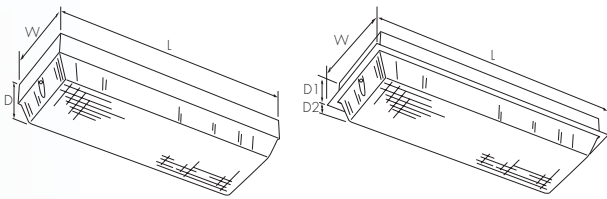
MATERIALS

- Body - welded steel construction, powder coated in Permawhite finish
- Controller - prismatic polycarbonate
- Geartray - steel, powder coated in Permawhite finish
- Recessing bezel - steel, powder coated in Permawhite finish
- Batteries (self-contained versions) - sealed nickel cadmium

INSTALLATION NOTES

- Suitable for ceiling or wall mounting
- Base direct screw fixed
- BESA entry on rear. 2 x 20mm end conduit knock-outs
- Geartray hinged, retained in closed position by single screw
- Plug and socket terminal block, accommodating 3x1.5mm² or 2x2.5mm² cables for through wiring
- Prismatic controller retained by screws
- Supplied complete with 1 x 8W lamp

DIMENSIONS



	L (mm)	W (mm)	D/D1 (mm)	D2 (mm)	Cut out (mm)
Surface mounted	400	140	80	-	-
Semi-recessed	443	181	40	40	412x144

OPTIONS

- Maintained and non-maintained operation, 3 hour duration
- EasiCheck™ addressable testing. System detailed on page 199
- Central system slave versions
- Semi-recessing flanged bezel attachment

SPECIFICATION

Self contained - To specify state: BSI Kitemarked and ICEL registered, robust steel surface/semi-recessed self contained emergency luminaire, with BESA entry, 2 x 20mm end knock-outs, hinged geartray, plug and socket terminal block and prismatic polycarbonate controller, as JSB Ekolux range, part no. _____

Slave - To specify state: Central system compatible slave, robust steel surface/semi-recessed emergency luminaire, with BESA entry, 2 x 20mm end knock-outs, hinged geartray, plug and socket terminal block and prismatic polycarbonate controller, as JSB Ekolux range, part no. _____

PHOTOMETRIC DATA

Luminaire type	Mounting height (m)	Escape route 2m wide 1 lux min				Open (anti-panic) area 0.5 lux min			
		1	2	3	4	1	2	3	4
Self-contained									
NM	2.5	2.0	6.0	5.1	1.7	2.2	6.0	4.8	1.9
	3.0	1.8	5.9	5.1	1.5	2.2	8.2	5.0	1.7
	4.0	-	-	-	-	2.0	6.3	5.3	1.7
M	2.5	1.8	5.6	4.7	1.5	2.1	5.6	4.6	1.7
	3.0	1.5	5.6	4.6	1.2	2.0	5.8	4.8	1.7
	4.0	-	-	-	-	1.7	5.8	4.9	1.5
Slave									
AC/DC	2.5	2.5	7.0	5.8	2.1	2.5	6.6	5.3	2.0
	4.0	1.5	6.6	5.7	1.2	2.4	7.0	5.8	2.0
	6.0	-	-	-	-	-	-	-	-
AC/AC	2.5	2.9	7.8	6.6	2.3	2.7	8.8	7.4	1.7
	4.0	2.3	8.2	7.2	2.2	2.9	10.2	9.0	1.8
	6.0	-	7.2	6.2	-	2.5	11.8	10.2	1.6

See page 445 for Design Guide

CATALOGUE NUMBERS

System Mode	Cat. No.	Weight (kg)
Non-maintained	EK83ICEL	2.60
Maintained	EK83MICEL	2.70
24V AC/DC Central system slave	EK824	2.10
50V AC/DC Central system slave	EK850	2.10
110V AC/DC Central system slave	EK8110	2.10
230V AC Static inverter system slave	EK8230	2.10
Semi-recessing mounting bezel	EK8FM	0.05

Also available with EasiCheck™ automatic testing functionality - see page 199 for system features
Contact our Technical Support and Application department for further details - 01302 303350

