

# LUMINAIRE SUPPORT COUPLER (LSC)



## PRODUCT DESCRIPTION

The LSC forms an integral part of design installations for many major projects. In new installations, the specifier may choose LSC's to offer a versatile lighting system. However, in projects where refurbishment is being undertaken this system is seen as an ideal cost effective solution where hard wiring may be in place.

## BRITISH STANDARDS

- All Crabtree Luminaire Support Couplers have been type tested to BS 7001 & BS 5773

## TECHNICAL SPECIFICATION

Product Standard:	BS 7001 & BS 5773
Voltage:	250V AC 50Hz
Current Rating:	T2
Ingress Protection (IP) Rating:	IP4X (unless stated)
Ambient Temperature:	-5 to 40°C
Installation Altitude:	2000 metres
Other Marking Standards:	CE
Recommended Torque Setting:	0.5Nm L,N, E Terminals
Compatibility:	static load 5kg ceiling assemblies supplied as socket outlet, LSC plug & cover

## RANGE PORTFOLIO

### White Moulded LSC Plugs

Style:	White moulded
Finish:	White / red cover on 4 pin LSC as standard
Material Spec:	Thermoplastic (Polycarbonate)
Options:	3 Pin, 4 pin with 2m / 3m / 4m HR cable
Back Box Ref:	5005 (LSC Surface pattress)

### Luminaire Distribution Box (LDB)

Style:	White moulded
Finish:	White pin assembly
Material Spec:	Mild steel fabricated enclosure
Options:	4 pin 6 way 4 pin 8 way 4 pin 10 way

Features:

- internal connections are made to a terminal block for ease of wiring
- sufficient side and rear knockouts allow entries for cable or conduit
- raised mounting feet allow for installation on uneven surfaces

## A POINT OF TESTING

When installations incorporating electronic devices of the semi conductor type are being tested, care must always be taken to ensure that they are not subjected to the output voltage of the insulation tester. However, dimmer switches complying with BS 5518 will not be damaged by the application of a normal 500V insulation resistance test. In all other cases where electronic items are fitted, they should be disconnected whilst the insulation of the installation is being tested. A notice, drawing to the attention to the fact that electronic devices are incorporated in the installation, should always be affixed at the intake position. This also applies to any neon indicators fitted.