JOHN CULLEN

SQUARE 50 IP

ARCHITECTURAL DIRECTIONAL IP RATED TRIM OR TRIMLES

LUMINAIRE REF:

PROJECT REF:



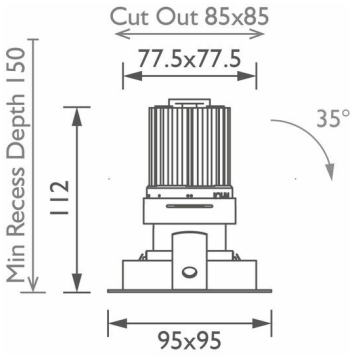
The Square 50 IP rated downlight is defined by an ultra-slim bezel and a deep 25 mm dual black baffle, delivering precise light control with minimal glare. Designed for plasterboard, sheetrock and drywall ceilings, it offers up to 35° tilt and full 360° rotation. Available in trim/flange and trimless/flangeless configurations.

The Downlight 50 range features three interchangeable LED engines — Pure 50, AmbiDim 50 and Tune 50 — all supported by a plug-in driver system for effortless, tool-free changes on site.

WHITE RAL 9910



BLACK RAL 9005





SUPER SPOT



SPOT



NARROW



MEDIUM



WIDE



SUPER WIDE

ACCESSORIES



HONEYCOMB INSERT 50MM
ACHC50MM1



PURE 50 OPTIC MEDIUM
ACLE50OPTFME



PURE 50 OPTIC NARROW
ACLE50OPTFNA



PURE 50 OPTIC SUPERWIDE
ACLE50OPTFSW



PURE 50 OPTIC WIDE
ACLE50OPTFWI



SPREADER LENS 50MM
ACLL50MM1

SANDBLASTED GLASS LENS 50MM
ACSG50MM1



SOFTENING LENS 50MM
ACSL50MM2

5 YEAR WARRANTY

WWW.JOHNCULLENLIGHTING.COM
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Europe +33 (0)9 61 68 22 81 | US +1 469 657 4791

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We reserve the right to change the design and specification of our product range without prior notice. E&OE

PART L COMPLIANT

BRITISH DESIGN

60

JOHN CULLEN

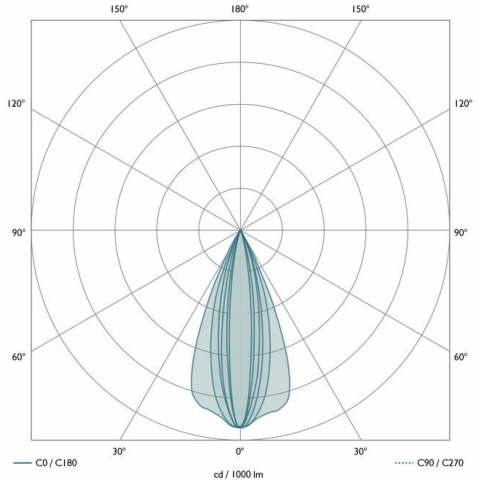
SQUARE 50 IP

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SPECIFICATION	SUPER SPOT	SPOT	NARROW	MEDIUM	WIDE	SUPER WIDE
BEAM ANGLE (°)	13°	16°	22°	26°	34°	46°
DRIVE CURRENT (mA)	350 MA	350 MA	350 MA	350 MA	350 MA	350 MA
FORWARD VOLTAGE (V DC)	18V DC	36V DC	36V DC	36V DC	36V DC	36V DC
POWER CONSUMPTION (W)	6.6W	12.8W	12W	12W	12W	12W
LIGHT SOURCE LUMENS (LM)	507	998	1344	1344	1344	1344
LIGHT SOURCE EFFICACY (LM/W)	77	78	112	112	112	112
LUMINAIRE LUMENS (LM)	300 LM	701 LM	731 LM	708 LM	653 LM	589 LM
LUMINAIRE EFFICACY (LM/W)	45 LM/W	55 LM/W	61 LM/W	59 LM/W	54 LM/W	49 LM/W
INTENSITY RATING (CD)	3500	5954	4014	2943	1853	1113
PART L1 DWELLINGS	YES	YES	YES	YES	YES	YES
PART L2 NON DWELL (DISPLAY)	NO	NO	YES	YES	YES	YES
PART L2 NON DWELL (GENERAL)	NO	NO	NO	NO	NO	NO
MAX TEMPERATURE (°C)	N/A	N/A	N/A	N/A	N/A	N/A

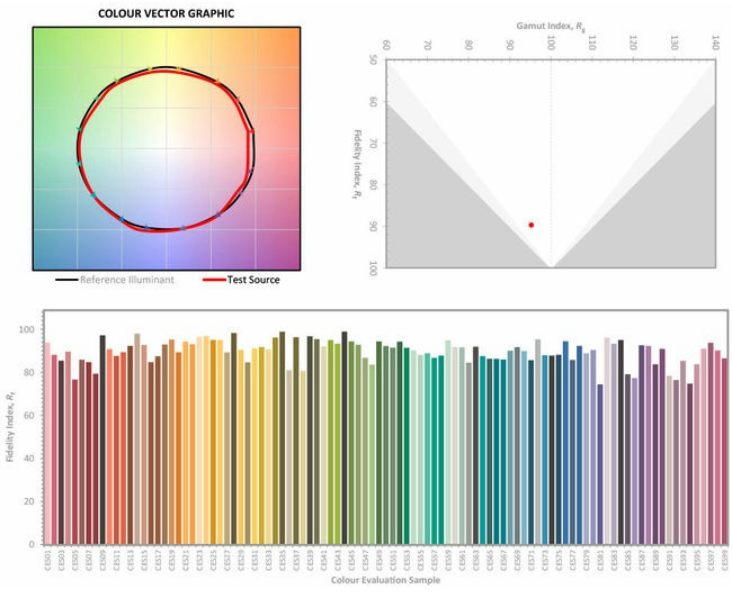


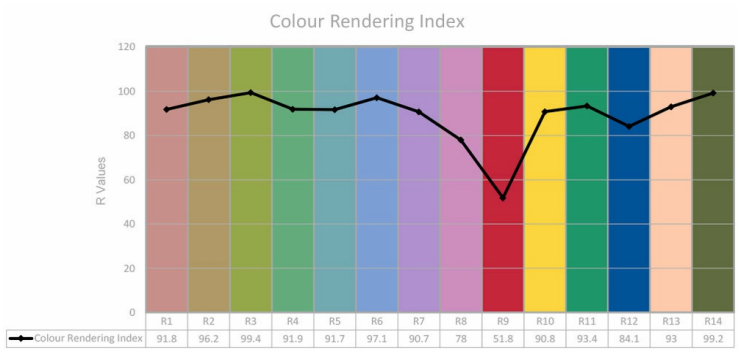
INGRESS RATING	IP54 (Front)/IP20 (Rear)
IMPACT RATING	IK02
COMPLIANCE	IEC/EN 60598-1:2015
	IEC/EN 60598-2-2:2012

COLOUR TEMPERATURE	2700K,3000K
CIE CRI AVAILABLE AS	>95 Ra
IES TM-30 COLOUR FIDELITY (Rf)	95
IES TM-30 COLOUR GAMUT (Rg)	>90
BINNING	1 SDCM
LIFETIME L70/B10 (HOURS)	>50000
AMBIENT TEMPERATURE (Ta)	-20 ... +35 °C

ELECTRICAL	
SOURCE TYPE	LED
PRODUCT CLASS	Class III (SELV low voltage)
DIMMING PROTOCOL	0-10V dimmable
	DALI dimmable
	Mains dimmable (phase cut dimming)
	Switched

OTHER DATA	
CABLE TYPE	2 x 2 Core PVC (Copper Core)
CABLE SIZE	2 x 6.4mm OD - 2 off 24/0.2 (0.75mm2)
CABLE LENGTH	2 x 350mm
CONNECTOR TYPE	AMP-TE SuperSeal 1.5 Series
WEIGHT	340g
FIRE RATED	Yes





5 YEAR WARRANTY

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PART L COMPLIANT