

SQUARE DOUBLE 50 IP
TWIN ARCHITECTURAL DIRECTIONAL IP RATED DOWNLIGHT

LUMINAIRE REF:

PROJECT REF:



Our Square Double 50 IP rated LED downlight uses an extra slim-line bezel with a deep 25mm dual black baffle system to help reduce glare. The downlight is suitable for wet areas and for plasterboard ceilings and can tilt up to 35 degrees and rotate a full 360 degrees. It comes in trim and trimless versions.

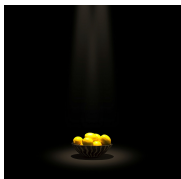
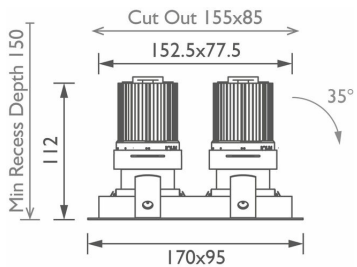
Downlight 50 range now comes with four different LED engines: Pure 50, AmbiDim 50 and Tune 50. See the LED engines for full details. Technical details below for the Pure 50. The engine features a plug-in LED driver for interchangeable components on site with no hand tools required.



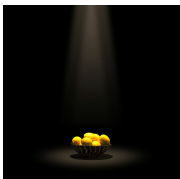
WHITE RAL 9910



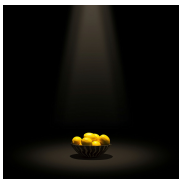
BLACK RAL 9005



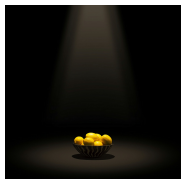
SUPERSPOT



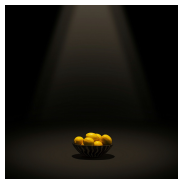
SPOT



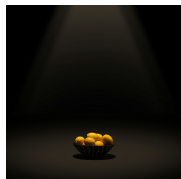
NARROW



MEDIUM



WIDE



SUPERWIDE

ACCESSORIES



INTUMESCENT
FIREHOOD LARGE
ACFHXXLA1



HONEYCOMB
INSERT 50MM
ACHC50MM1



SPREADER LENS
50MM
ACLL50MM1



SANDBLASTED
GLASS LENS 50MM
ACSG50MM1



SOFTENING LENS
50MM
ACSL50MM2



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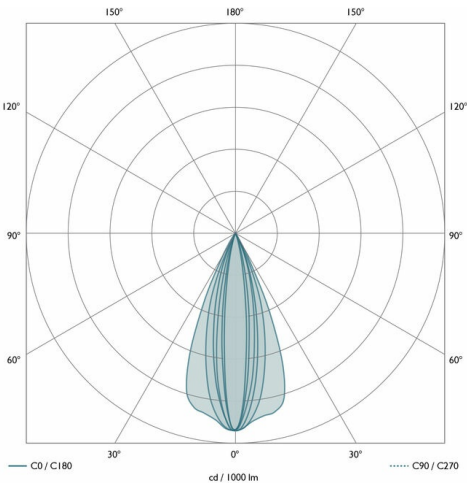
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TWIN ARCHITECTURAL DIRECTIONAL IP RATED DOWNLIGHT

LUMINAIRE REF:

PROJECT REF:

| SPECIFICATION | SUPERSPOT | SPOT | NARROW | MEDIUM | WIDE | SUPERWIDE |
|---------------------------|-----------|---------|---------|---------|---------|-----------|
| BEAM ANGLE (°) | 13° x 2 | 16° x 2 | 22° x 2 | 26° x 2 | 34° x 2 | 46° x 2 |
| LED SOURCE LUMENS (LM) | 1014 lm | 1996 lm | 2688 lm | 2688 lm | 2688 lm | 2688 lm |
| LUMINAIRE LUMENS (LM) | 600 lm | 1402 lm | 1462 lm | 1416 lm | 1306 lm | 1178 lm |
| INTENSITY RATING (CD) | 7000 | 11908 | 8029 | 5885 | 3706 | 2226 |
| POWER CONSUMPTION (W) | 13.2W | 25.6W | 24W | 24W | 24W | 24W |
| LUMINAIRE EFFICACY (LM/W) | 45 lm/W | 55 lm/W | 61 lm/W | 59 lm/W | 54 lm/W | 49 lm/W |
| DRIVE CURRENT (mA) | 350 mA | 350 mA | 350 mA | 350 mA | 350 mA | 350 mA |
| FORWARD VOLTAGE (V DC) | 36V DC | 72V DC | 72V DC | 72V DC | 72V DC | 72V DC |
| | | | | | | |
| | | | | | | |
| | | | | | | |



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

| | |
|--------------------------------|----------------|
| COLOUR TEMPERATURE | 2700K |
| 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 | 1-10V 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 | 460g |
| Fire rated | N/A |

