Product: VIPE-O LED downlight silent LED Description: The Vipe range uses the CREE XPE LED engine to ensure quality and longevity of the downlight. The Vipe uses a die-cast aluminium heatsink which houses the LED module. The bezel of the downlight is machined from aluminium ensuring a constant high quality finish with no surface blemishes. The Vipe is available in 640, 800, 960 & 1,200 lumen outputs The VIPE-O is an open downlight with a black reflector giving it a high visual appeal. Physical attributes: Width: 90mm diameter 75 Cutout: 115 Height: Ceiling type: any Mounting type: Recessed Colour finish: white ring and black refelctor Dimming protocol: DALI or switching Lighting attributes: 90 LED manufacturer: CREE Driver manufacturer: Philips Optics: Clear Lumen output: 638lm, 796lm, 957lm, 1199lm Power consumption: 8w, 11w, 13w and 15w Colour temperature: 3000K, 4000K Colour consistancy: <3 Std MacAdam Ra>80 Colour rendering: Rated LED liftime: 50,000 hours Emergency pack type: None 115 Warranty: 5 years Beam Angle options: 15 or 36 degrees Efficiency in luminaire lumens per circuit watt: 80 75 85 125 65 95 105 115