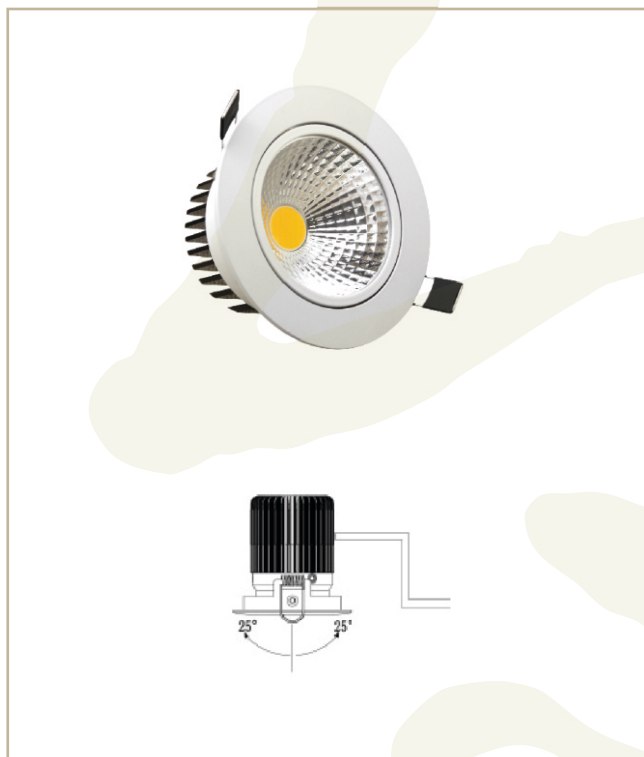


PUNCH

A range of petite, precision engineered and long lasting LED Fix & swivel COB downlights.

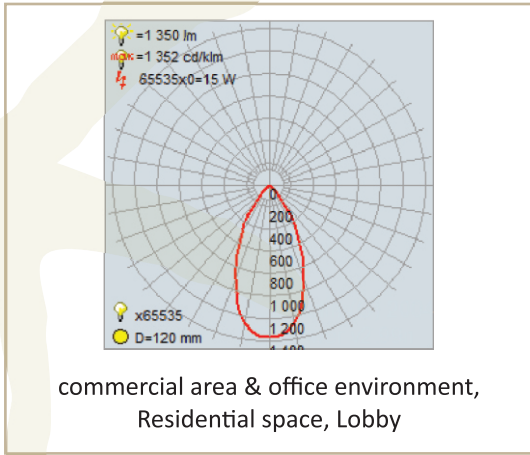
- Option of Fix/ swivel recess mounted LED downlight
- Uniform and directional Lighting.
- Easy installation and maintenance
- Environmentally friendly and maintenance free.



Housing:
Punch housing of Die Cast Aluminum. Proper integral heat sink, bezel matt white finish for ceiling.

Optical:
High efficient LED Module in COB Technology with Constant Current driver. Fitting is with good colour rendering Ra>80.

Electrical:
Punch suitable for different wattage with PF>.95&driver efficiency of > 85%.Input power is 90-240VAC, 50Hz.



Product Name	Catlogue Reference No	Dimensions	Cut out size	Lamp wattage	Lumen output
PUNCH	VAK-DL-PUN-RD-R-05	80x60	70mm	5W	450
	VAK-DL-PUN-RD-R-10	110x70	90mm	10W	900
	VAK-DL-PUN-RD-R-15	140x85	120mm	15W	1350
	VAK-DL-PUN-RD-R-30	160x90	140mm	30W	2700