

# Downlight

## iSquare 18w



### Product Reference

Environment	Indoor
Installation	Ceiling recess

### Construction and Materials

Housing	Aluminium
Lens or Diffuser	Premium high transmission PMMA, 78%
Reflector	White optics
Finish	Powder painted white

### Thermal Management

Heat Sink material	Aluminium
Cooling technique	Passive

### Optical System

Beam Angles	General illumination-wide
Beam Direction	Fixed
Tilt	No
Swivel	No

### Light Technology

Led fitted	Samsung
Lumen Output at source	1858 1858 1998 1998
Co-related Colour temp.	2700K 3000K 4000K 6000K
Led life time @ L70	35,000 hours
Colour rendering	>80

### Electrical System

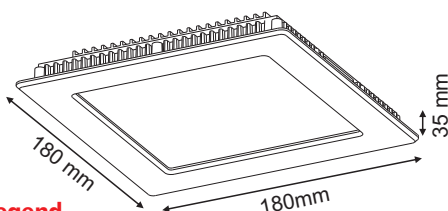
Driven with	Constant current driver
Input Voltage	100V-240V
Input Power	18.5w
Power Factor	>0.92
ATHD	<10%
Control Gear mounting	Remote

### Dimming

Optional- Consult Abby Representative

### Installation

Cutout in mm 160mm\*160mm  
 Min void in ceiling height 40mm  
 Installation by Spring clips



### Application Legend



### Ordering Information

### iSquare 18w

#### Product Code

iSquare 18w, Warm white 3000K, iSquare 18w/WW30K/ / /PHA  
 General illumination-wide, White,  
 Phase dimmable driver

#### LED Colour

Warm white 2700K	WW27K
Warm white 3000K	WW30K
Neutral white 4000K	NW40K
Cool white 6000K	CW60K

#### Beam Angle

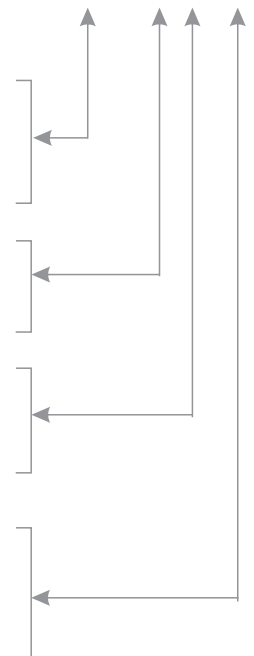
General illumination-wide

#### Finish

White

#### Dimming Option

Non dimmable	
1-10v dimmable driver	1-10
Phase dimmable driver	PHA
Dali dimmable driver	DAL



### Photometry

