

R4



SQUARE LED EDGE-LIT RECESSED DOWNLIGHTERS

- IP40 ABOVE CEILING    IP54 BELOW CEILING
- IP42 BELOW CEILING  
*(Low Glare and Smart versions)*
- CE LED  

**SPECIFICATION**

- High pressure die-cast frame finished full polyester non-yellowing satin white (RAL 9016)
- Fire-retardant polycarbonate flat panel opal diffuser or low glare optic
- Edge-lit diffuser technology eliminates visible LEDs
- Smart versions with intelligent lighting control
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Supplied with remote gear unit fitted with 2m lead
- Smart/SmartScan versions fitted with TEE connector for LCM wiring
- Fitted with 3000K or 4000K LEDs

**LED CHARACTERISTICS**

CRI	80+
COLOUR TEMPERATURE	3000K/4000K
RATED LIFE (HOURS)	95K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	-
POWER FACTOR	>0.95
LL/CW	104.0

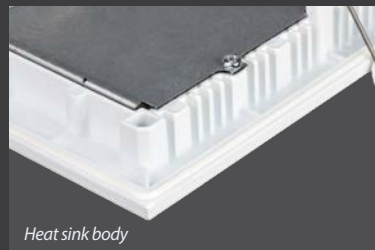
For LED characteristics explanation see [www.thorlux.com/led-guide](http://www.thorlux.com/led-guide)

**SmartScan Configurations**

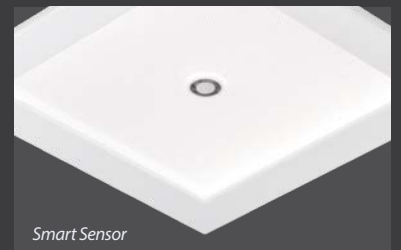


Find out more at [www.thorlux.com/smartsan](http://www.thorlux.com/smartsan)

**WEB LINK >**  
"PLUG AND PLAY"  
LIGHTING CABLE  
MANAGEMENT



Heat sink body



Smart Sensor



Opal

	LED	3000K VERSION	4000K VERSION	APPROX. kg	CIRCUIT
OPAL	9W 18W	RF 18226	RF 18Z	1.7	D/SS
		RF 18227	RF 18229	1.7	D/SS
STANDARD	9W 18W	RF 18230	RF 18232	1.0	L/A
		RF 18231	RF 18233	1.0	L/A



Opal Halo

OPAL HALO	9W 18W	RF 18234	RF 18236	1.7	D/SS
		RF 18235	RF 18237	1.7	D/SS
STANDARD	9W 18W	RF 18238	RF 18240	1.0	L/A
		RF 18239	RF 18241	1.0	L/A



Low Glare

LOW GLARE	9W 18W	RF 18242	RF 18244	1.7	D/SS
		RF 18243	RF 18245	1.7	D/SS
STANDARD	9W 18W	RF 18246	RF 18248	1.0	L/A
		RF 18247	RF 18249	1.0	L/A

CIRCUIT TYPE - suffix catalogue number with:

**SMART** D - Smart / SS - SmartScan

**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. RF 18226SS etc.

EMERGENCY VERSION - prefix catalogue number with:

**ERF** - Emergency ] (Not available when selecting the 'SS' suffix)

**TRF** - AutoTest

**WRF** - SmartScan (Only available when selecting the 'SS' suffix)

e.g. **WRF 18226SS** etc.

Add 0.9kg to weights listed or add 0.3kg for Smart versions.



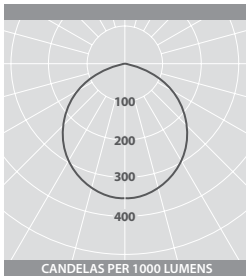
**1** LED Downlighter Power Unit for Smart, Emergency, AutoTest, Scanlight AT and SmartScan versions.

**2** Remote Driver for standard versions.

# FAST AND EASY INSTALLATION PROCESS

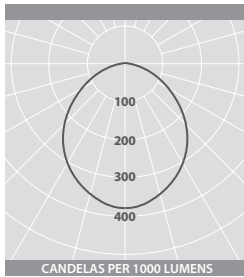


## PHOTOMETRIC GUIDE



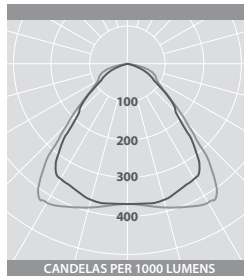
### OPAL

LED	3000K (lm)	4000K (lm)
9W	980	1040
18W	1970	2095



### OPAL HALO

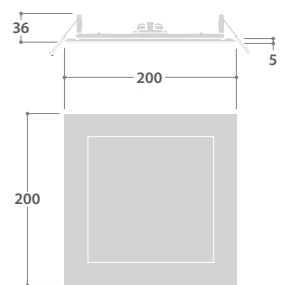
LED	3000K (lm)	4000K (lm)
9W	960	1020
18W	1915	2035



### LOW GLARE

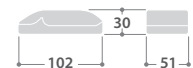
LED	3000K (lm)	4000K (lm)
9W	900	955
18W	1785	1900

## DIMENSIONS

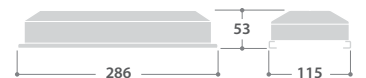


Cut-out - 180 x 180mm  
Minimum void depth:  
Standard - 40mm  
Smart & Emergency - 90mm

### Standard Remote Driver



### LED Downlighter Power Unit



Luminaire connected to gear by 450mm lead