

R3



CIRCULAR 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)	50K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	-
POWER FACTOR	>0.95
LL/CW	101.0

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



Opal Halo



Low Glare

## RANGE

		LED	3000K VERSION	4000K VERSION	APPROX. kg	CIRCUIT
OPAL	SMART	9W 18W	RT 18200 RT 18201	RT 18202 RT 18203	1.5 1.5	D/SS D/SS
	STANDARD	9W 18W	RT 18204 RT 18205	RT 18206 RT 18207	0.8 0.8	L/A L/A

OPAL HALO	SMART	9W 18W	RT 18208 RT 18209	RT 18210 RT 18211	1.5 1.5	D/SS D/SS
	STANDARD	9W 18W	RT 18212 RT 18213	RT 18214 RT 18215	0.8 0.8	L/A L/A

LOW GLARE	SMART	9W 18W	RT 18216 RT 18217	RT 18218 RT 18219	1.5 1.5	D/SS D/SS
	STANDARD	9W 18W	RT 18220 RT 18221	RT 18222 RT 18223	0.8 0.8	L/A L/A

CIRCUIT TYPE - suffix catalogue number with:

**SMART** D - Smart / SS - SmartScan  
**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. RT 18200SS etc.

EMERGENCY VERSION - prefix catalogue number with:

ERT - Emergency } (Not available when selecting the 'SS' suffix)  
 TRT - AutoTest

WRT - SmartScan (Only available when selecting the 'SS' suffix)  
 e.g. WRT 18200SS etc.

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



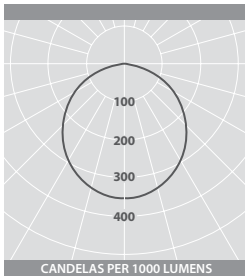
1 LED Downlighter Power Unit for Smart, Emergency, AutoTest, Scanlight AT and SmartScan versions.

2 Remote Driver for standard versions.



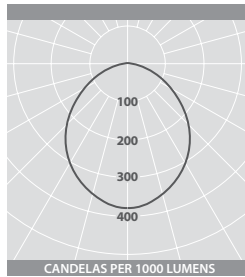
FAST AND EASY  
INSTALLATION  
PROCESS

PHOTOMETRIC GUIDE



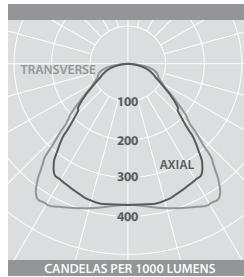
**OPAL**

LED	3000K (lm)	4000K (lm)
9W	950	1010
18W	1755	1865



**OPAL HALO**

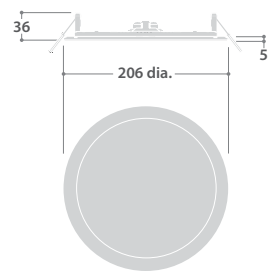
LED	3000K (lm)	4000K (lm)
9W	925	985
18W	1700	1810



**LOW GLARE**

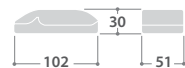
LED	3000K (lm)	4000K (lm)
9W	845	900
18W	1595	1695

DIMENSIONS



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

Standard Remote Driver



LED Downlighter Power Unit



Luminaire connected to gear by 450mm lead