

R3



## CIRCULAR LED EDGE-LIT RECESSED DOWNLIGHTERS

IP40 ABOVE CEILING

IP54 BELOW CEILING

IP42 BELOW CEILING  
(Low Glare and Smart versions)



### SPECIFICATION

- High pressure die-cast frame finished full polyester, non-yellowing white
- Fire-retardant polycarbonate flat panel opal diffuser or low glare optic
- Edge-lit diffuser technology eliminates visible LEDs
- Smart versions with intelligent lighting control
- Optional 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

|           |                     |                |                       |
|-----------|---------------------|----------------|-----------------------|
| Ra<br>80+ | °K<br>3000/<br>4000 | L80/B10<br>50K | LL/CW<br><b>101.0</b> |
| P/U<br>P  | %<br>>85            | R/Rx<br>Rx     |                       |
|           |                     | PF<br>0.95     |                       |

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

### SmartScan Configurations



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

### WEB LINK >

"PLUG AND PLAY"  
LIGHTING CABLE  
MANAGEMENT



Heat sink body



Smart Sensor



Opal

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



Opal Halo

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



Low Glare

|           |                       |          |          |     |      |
|-----------|-----------------------|----------|----------|-----|------|
| LOW GLARE | SMART<br>9W<br>18W    | RT 18216 | RT 18218 | 1.5 | D/SS |
|           |                       | RT 18217 | RT 18219 | 1.5 | D/SS |
|           | STANDARD<br>9W<br>18W | RT 18220 | RT 18222 | 0.8 | L/A  |
|           |                       | RT 18221 | RT 18223 | 0.8 | 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 / TRT - AutoTest / DRT - Scanlight AT (DALI) / WRT - SmartScan\* e.g. WRT 18200SS etc.  
Add 0.9kg to weights listed or add 0.3kg for Smart versions.

\* Can only be used with the 'SS' suffix



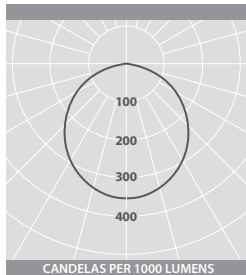
1 LED Downlighter Power Unit for Smart, Emergency, AutoTest, Scanlight AT and SmartScan versions.

2 Remote Driver for standard versions.



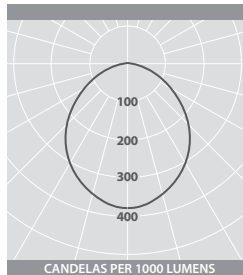
## FAST AND EASY INSTALLATION PROCESS

### PHOTOMETRIC GUIDE



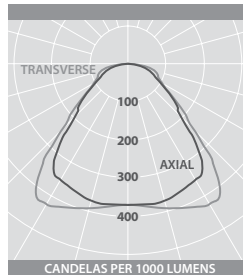
#### OPAL

| LED | 3000K<br>(lm) | 4000K<br>(lm) |
|-----|---------------|---------------|
| 9W  | 950           | 1010          |
| 18W | 1755          | 1865          |



#### OPAL HALO

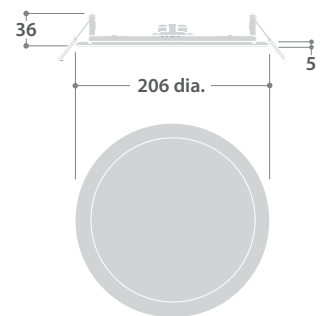
| LED | 3000K<br>(lm) | 4000K<br>(lm) |
|-----|---------------|---------------|
| 9W  | 925           | 985           |
| 18W | 1700          | 1810          |



#### LOW GLARE

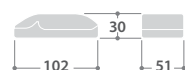
| LED | 3000K<br>(lm) | 4000K<br>(lm) |
|-----|---------------|---------------|
| 9W  | 845           | 900           |
| 18W | 1595          | 1695          |

### DIMENSIONS

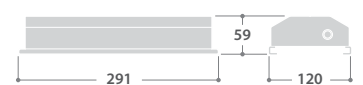


Cut-out - 180 dia.  
Minimum void depth:  
Standard - 50mm  
Smart & Emergency - 110mm

#### Standard Remote Driver



#### LED Downlighter Power Unit



Luminaire connected to gear by 450mm lead