

# COMBOSEAL



The Comboseal is available in 65W, 98W and 137W power ratings, with Smart versions suitable for use up to 8m.

## MAXIMUM AMBIENT OPERATING TEMPERATURES

| LED  | 100,000 HOUR LIFE | 50,000 HOUR LIFE |
|------|-------------------|------------------|
| 65W  | 50°C              | 60°C             |
| 98W  | 40°C              | 50°C             |
| 137W | 25°C              | 35°C             |

Minimum operating ambient temperature - Standard & Smart versions: -40°C

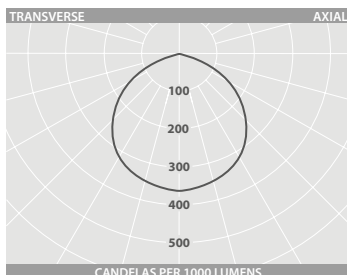
## EMERGENCY VERSION OPERATING TEMPERATURE RANGE

| LED | MINIMUM | MAXIMUM |
|-----|---------|---------|
| 8W  | 5°C     | 40°C    |

## ACCESSORIES

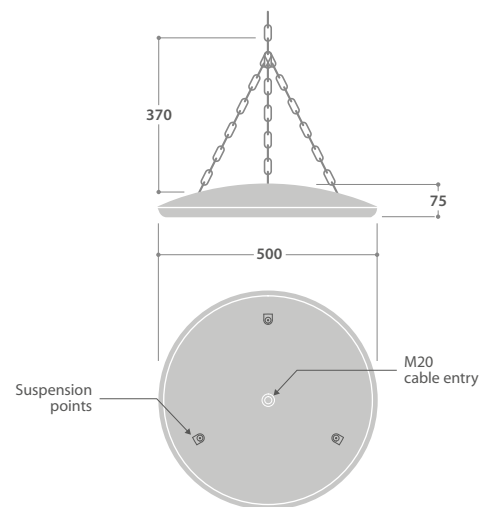
| DESCRIPTION           | CAT. No.        |
|-----------------------|-----------------|
| Surface mount bracket | <b>CS 18486</b> |

## PHOTOMETRIC GUIDE



Luminaire Lumen Output:  
 65W = 10255 lm  
 98W = 14970 lm  
 137W = 20070 lm

## DIMENSIONS





## HIGH PERFORMANCE LED LOW BAY LUMINAIRES



### SPECIFICATION

- Strong high pressure die-cast aluminium body finished full polyester powder coat silver (RAL9006)
- High impact UV stabilised polycarbonate cover rated IK10
- Long life silicone gaskets ensuring IP66 rating
- Smooth wipe clean surfaces, no dust traps
- Integral high efficiency driver
- Extremely efficient and long system life up to 100,000 hours
- Supplied with single-point, stainless steel welded link chain suspension kit
- Smart versions suitable for use at mounting heights up to 8m
- Wireless SmartScan versions remove the need for control cabling. Ideal for retro-fit solutions
- Separate non-maintained emergency versions available
- Fitted with 2m flying lead
- Fitted with 4000K LEDs

### SmartScan Configurations



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

## RANGE

|           | LED  | CAT. No.           | APPROX. kg | CIRCUIT |
|-----------|------|--------------------|------------|---------|
| SMART     | 65W  | <b>CS 18476</b>    | 6.6        | D/SS    |
|           | 98W  | <b>CS 18477</b>    | 6.6        | D/SS    |
|           | 137W | <b>CS 18478</b>    | 6.6        | D/SS    |
| STANDARD  | 65W  | <b>CS 18479</b>    | 6.5        | L/A     |
|           | 98W  | <b>CS 18480</b>    | 6.5        | L/A     |
|           | 137W | <b>CS 18481</b>    | 6.5        | L/A     |
| EMERGENCY | 8W   | <b>ECS 18484 ▲</b> | 6.4        |         |
|           | 8W   | <b>TCS 18484 ■</b> | 6.4        |         |
|           | 8W   | <b>WCS 18484 +</b> | 6.4        |         |

CIRCUIT TYPE - suffix catalogue number with:

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

**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. **CS 18476SS** etc.

EMERGENCY VERSION: ▲ ECS - Emergency / ■ TCS - AutoTest / + WCS - SmartScan

## LED CHARACTERISTICS

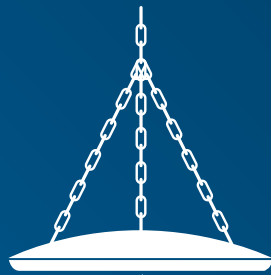
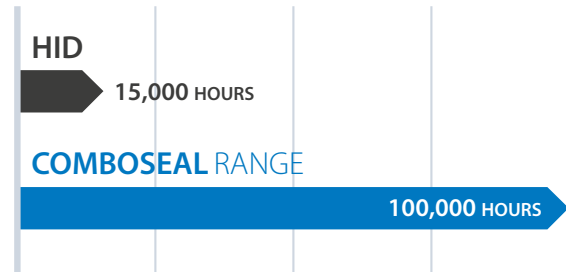
|                    |                       |
|--------------------|-----------------------|
| CRI                | <b>80+</b>            |
| COLOUR TEMPERATURE | <b>4000K</b>          |
| RATED LIFE (HOURS) | <b>100K - L70/B10</b> |
| PROTECTION         | <b>LUX GUARD</b>      |
| DRIVER EFFICIENCY  | <b>90%</b>            |
| REPLACEABLE        | <b>YES</b>            |
| POWER FACTOR       | <b>&gt;0.90</b>       |
| <b>LL/CW</b>       | <b>138.6</b>          |

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

# COMBOSEAL

The ideal luminaire when efficiency is key

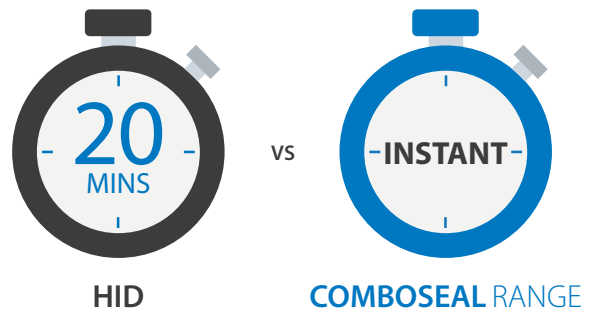
## RATED LAMP LIFE



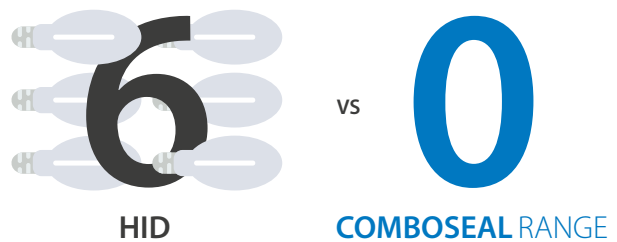
SMART  
VERSIONS  
UP TO  
8m

UP TO  
20,000  
LUMENS

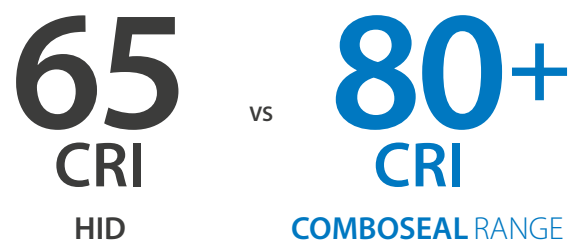
## HOT RE-STRIKE TIME



## LAMP CHANGES OVER 100,000 HOURS



## QUALITY OF LIGHT



Designed to perform  
in harsh environments



## PERFECTLY BALANCED

A balanced circular design allows  
for single point chain suspension.

## NO DUST TRAPS

Designed with smooth surfaces, the curved  
profile eliminates accumulation of dirt and  
'ponding' of fluids.



## FROM -40°C to +60°C

High specification control gear coupled with thermally optimised  
PCBs ensure efficient function of the luminaire in ambient  
temperatures from -40°C to +60°C (see page 1).