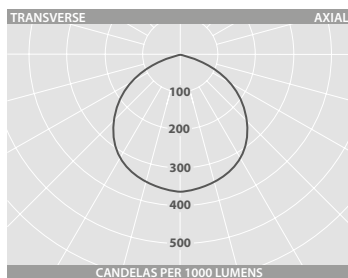# COMBOSEAL

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

ACCESSORIES
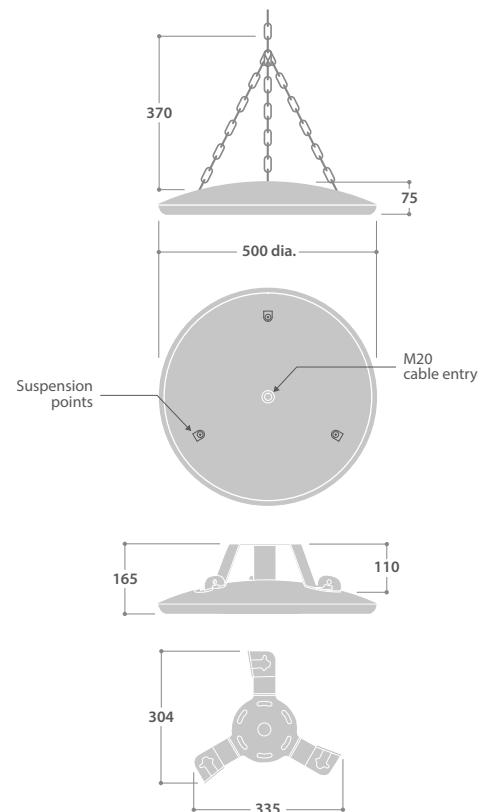
DESCRIPTION	CAT. No.
Surface mount bracket	**CS 18486**

PHOTOMETRIC GUIDE

Luminaire Lumen Output:
98W = 16555 lm
137W = 22410 lm

DIMENSIONS

370

75

500 dia.

M20 cable entry

Suspension points

165

110

304

335

AMBIENT OPERATING TEMPERATURES

LED	STANDARD/SMART			EMERGENCY	
	MINIMUM	MAXIMUM 100K HOUR LIFE & ENEC VERSIONS	MAXIMUM 50K HOUR LIFE	MINIMUM	MAXIMUM
98W	-40°C	40°C	50°C	-	-
137W	-40°C	25°C	35°C	-	-
8W	-	-	-	5°C	40°C

For ambient temperatures below the stated minimum contact the Thorlux Technical department

HIGH PERFORMANCE LED LOW BAY LUMINAIRES

IP66 IK10 UK CA CE LED

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
- BSI Kitemarked and ENEC approved versions
- Complies with food production standards IFS, HACCP and BRC
- 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/smartscan**

RANGE

	LED	CAT. No.	APPROX. kg	CIRCUIT	APPROVED
SMART	98W	**CS 18477**	6.6	D/SS	●
	137W	**CS 18478**	6.6	D/SS	●
STANDARD	98W	**CS 18480**	6.5	L/A	
	137W	**CS 18481**	6.5	L/A	
EMERGENCY	8W	**ECS 18484 ▲**	6.4		
	8W	**TCS 18484 ■**	6.4		
	8W	**WCS 18484 +**	6.4		

CIRCUIT TYPE - suffix catalogue number with:

SMART	**D** - Smart / **SS** - SmartScan
STANDARD	**L** - non-dimming (LED) / **A** - dimming (DALI) e.g. **CS 18477SS** etc.

● **APPROVED ENEC/KITEMARK -** suffix catalogue number with **EN**
  e.g. **CS 18477SSEN** etc.

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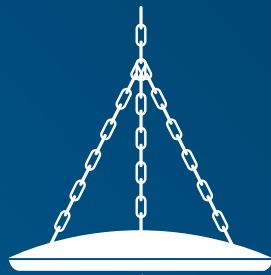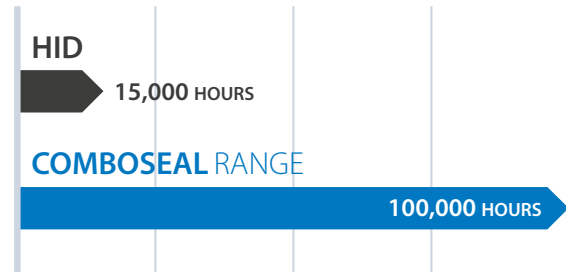
LED CHARACTERISTICS

CRI	**80+**
COLOUR TEMPERATURE	**4000K**
RATED LIFE (HOURS)	**100K - L70/B10**
PROTECTION	**LUX GUARD**
DRIVER EFFICIENCY	**90%**
REPLACEABLE	**YES**
POWER FACTOR	**>0.90**
LL/CW	**156.2**

For LED characteristics explanation see
www.thorlux.com/led-guide

COMBOSEAL

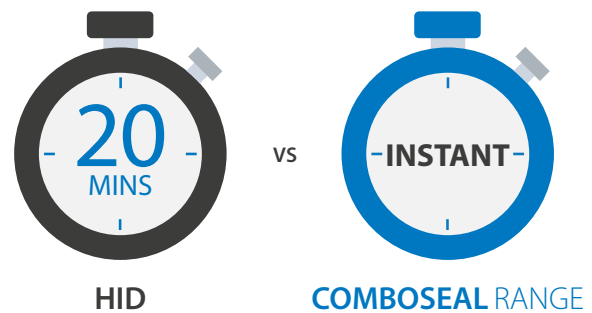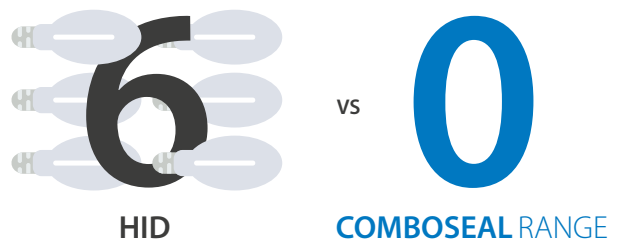## The ideal luminaire when efficiency is key

SMART VERSIONS UP TO

8m

UP TO

20,000
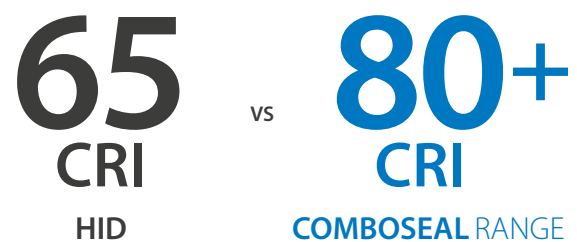
LUMENS

RATED LAMP LIFE

HID
15,000 HOURS

COMBOSEAL RANGE
100,000 HOURS

HOT RE-STRIKE TIME

20 MINS

VS

INSTANT

HID   **COMBOSEAL** RANGE

LAMP CHANGES OVER 100,000 HOURS

6   VS   **0**

HID   **COMBOSEAL** RANGE

QUALITY OF LIGHT

65 CRI   VS   **80+ CRI**

HID   **COMBOSEAL** RANGE

TL Thorlux Lighting

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 +50°C

High specification control gear coupled with thermally optimised PCBs ensure efficient function of the luminaire in ambient temperatures from -40°C to +50°C (see page 1).

TL Thorlux Lighting