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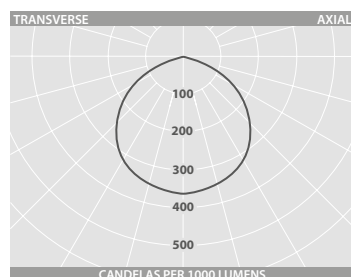
The Comboseal is available in 98W and 137W power ratings, with Smart versions suitable for use up to 8m.

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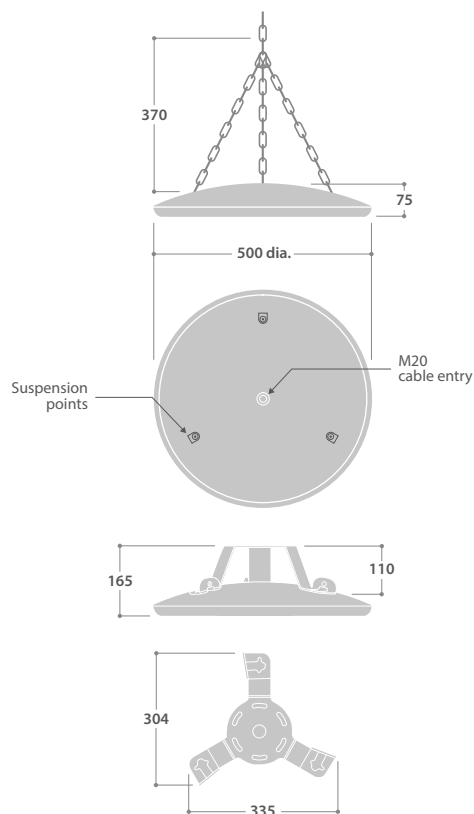
DESCRIPTION	CAT. No.
Surface mount bracket	**CS 18486**

PHOTOMETRIC GUIDE

Luminaire Lumen Output:
98W = 14970 lm
137W = 20070 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.

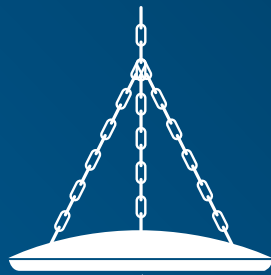● **APPROVED ENEC/KITEMARK -** suffix catalogue number with **EN** e.g. **CS 18477SSEN** etc.

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	138.6

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

HID

VS

INSTANT
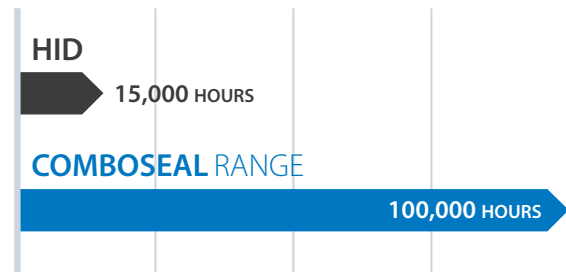
COMBOSEAL RANGE
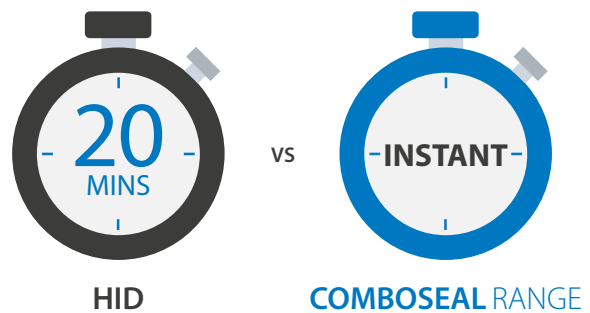
LAMP CHANGES OVER 100,000 HOURS

6

HID

VS

0

COMBOSEAL RANGE

QUALITY OF LIGHT

65 CRI

HID

VS

80+ CRI

COMBOSEAL RANGE

TL **Thorlux Lighting**
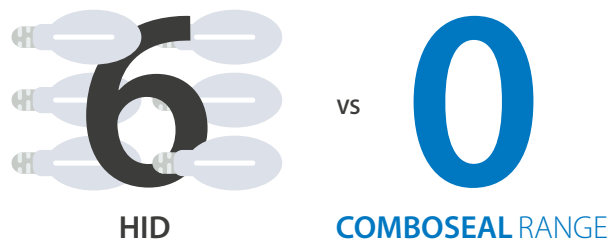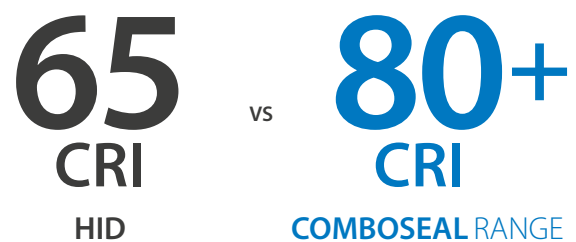
Designed to perform
in harsh environments

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).