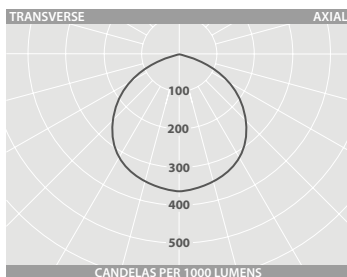# COMBOSEAL

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

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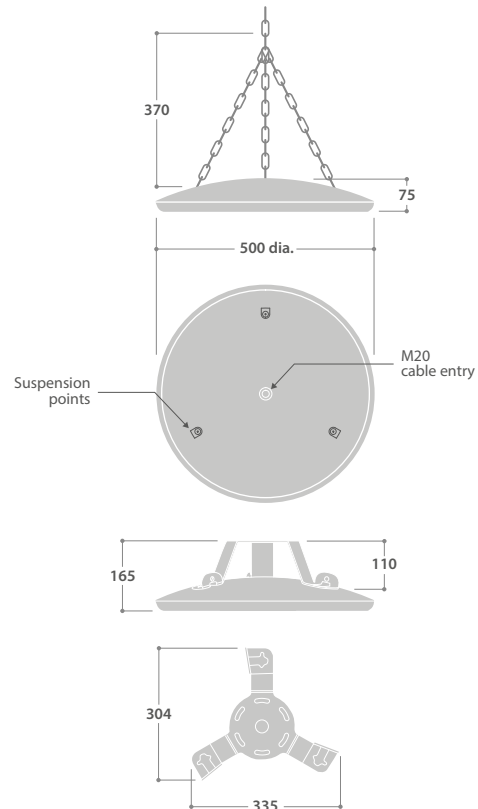
DESCRIPTION	CAT. No.
Surface mount bracket	**CS 18486**

DIMENSIONS

370

75

500 dia.

Suspension points

M20 cable entry

165

110

304

335

PHOTOMETRIC GUIDE

TRANSVERSE	AXIAL

100
200
300
400
500

CANDELAS PER 1000 LUMENS

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

AMBIENT OPERATING TEMPERATURES

LED	STANDARD/SMART			EMERGENCY	
	MINIMUM	MAXIMUM 100K HOUR LIFE	MAXIMUM 50K HOUR LIFE	MINIMUM	MAXIMUM
65W	-40°C	50°C	60°C	-	-
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

TL Thorlux Lighting

HIGH PERFORMANCE LED LOW BAY LUMINAIRES

IP66 IK10 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

• 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
SMART	65W	**CS 18476**	6.6	D/SS
	98W	**CS 18477**	6.6	D/SS
	137W	**CS 18478**	6.6	D/SS
STANDARD	65W	**CS 18479**	6.5	L/A
	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 18476SS** etc.

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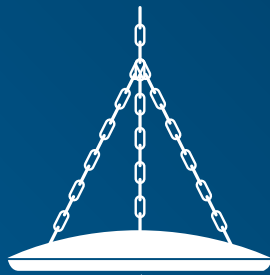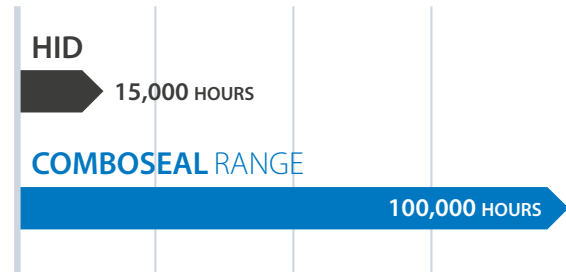
LED CHARACTERISTICS

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

Presence Detection Guide - **www.thorlux.com/files/presence-detection.pdf**

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
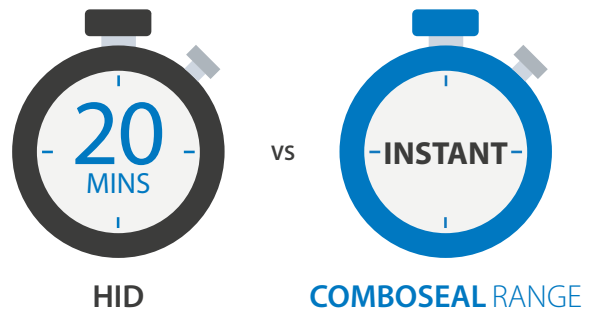
LAMP CHANGES OVER 100,000 HOURS

6

VS

0

HID

COMBOSEAL RANGE

QUALITY OF LIGHT

65
CRI

VS

80+
CRI

HID

COMBOSEAL RANGE

TL Thorlux Lighting
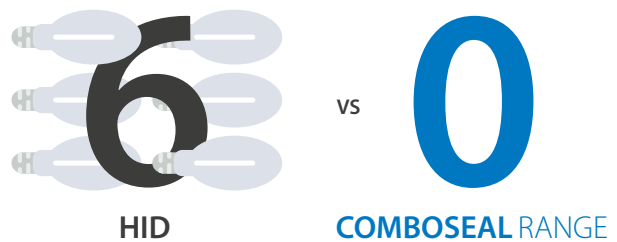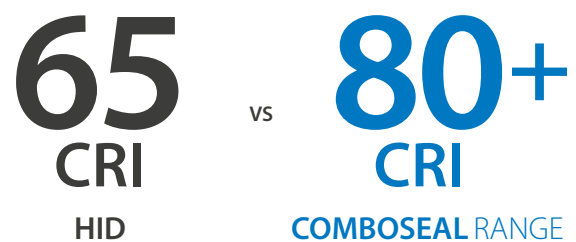
Designed to perform in harsh environments

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 +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).