

COMBOSEAL PLUS



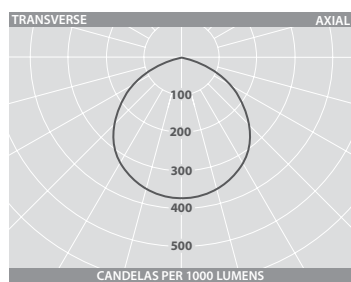
The Combosel Plus is available in 171W, 251W and 326W power ratings with broad or narrow distribution, Smart versions suitable for mounting up to 18m.

MAXIMUM AMBIENT OPERATING TEMPERATURES

LED	NORMAL AMBIENT VERSIONS (INCLUDING SMART)		HIGH AMBIENT VERSIONS (INCLUDING SMART)	
	100,000 HOUR LIFE	50,000 HOUR LIFE	100,000 HOUR LIFE	50,000 HOUR LIFE
171W	40°C	50°C	55°C	65°C
251W	30°C	40°C	45°C	55°C
326W	25°C	35°C	40°C	50°C

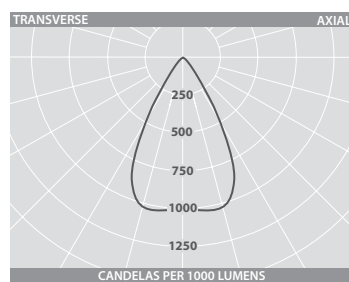
Minimum operating ambient temperature - Standard & Smart versions: -40°C

PHOTOMETRIC GUIDE



BROAD DISTRIBUTION

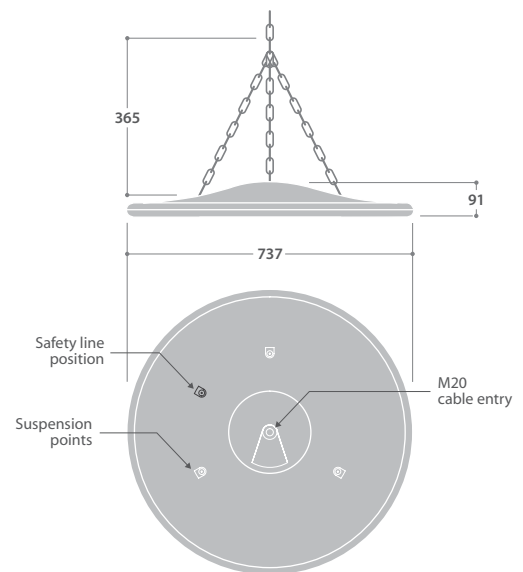
Luminaire Lumen Output:
 171W = 25490 lm
 251W = 35505 lm
 326W = 43725 lm



NARROW DISTRIBUTION

Luminaire Lumen Output:
 171W = 25925 lm
 251W = 36110 lm
 326W = 44470 lm

DIMENSIONS



COMBOSEAL PLUS



HIGH PERFORMANCE LED HIGH BAY LUMINAIRES

IP66 IP65 SMART VERSION CE LED



SPECIFICATION

- Strong high pressure die-cast aluminium body finished full polyester powder coat silver (RAL9006)
- Clear flat toughened/safety glass cover
- Long life silicone gaskets ensuring IP66 rating
- Smooth wipe clean surfaces, no dust traps
- Integral high efficiency drivers
- 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 18m
- Wireless SmartScan versions remove the need for control cabling. Ideal for retro-fit solutions
- Fitted with 2m flying lead
- Fitted with 4000K LEDs

SmartScan Configurations



Find out more at www.thorlux.com/smartsan

RANGE

	LED	BROAD DISTRIBUTION	NARROW DISTRIBUTION	APPROX. kg	CIRCUIT
SMART	Normal Ambient Versions				
	171W	CS 18550	CS 18556	16.2	D/SS
	251W	CS 18551	CS 18557	16.2	D/SS
	326W	CS 18552	CS 18558	16.2	D/SS
	High Ambient Versions				
	171W	CS 18553	CS 18559	17.2	D/SS
251W	CS 18554	CS 18560	17.2	D/SS	
326W	CS 18555	CS 18561	17.2	D/SS	
STANDARD	Normal Ambient Versions				
	171W	CS 18562	CS 18568	16.0	L/A
	251W	CS 18563	CS 18569	16.0	L/A
	326W	CS 18564	CS 18570	16.0	L/A
	High Ambient Versions				
	171W	CS 18565	CS 18571	17.0	L/A
251W	CS 18566	CS 18572	17.0	L/A	
326W	CS 18567	CS 18573	17.0	L/A	

CIRCUIT TYPE - suffix catalogue number with:

SMART D - Smart / SS - SmartScan

STANDARD L - non-dimming (LED) / A - dimming (DALI) e.g. **CS 18550SS** etc.

NOTE: Acrylic cover version available to special order

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

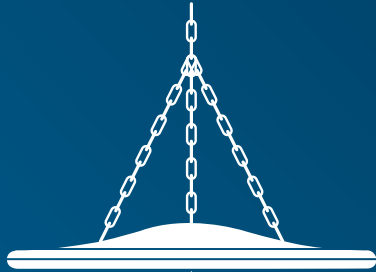
LL/CW 136.4

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

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

COMBOSEAL PLUS

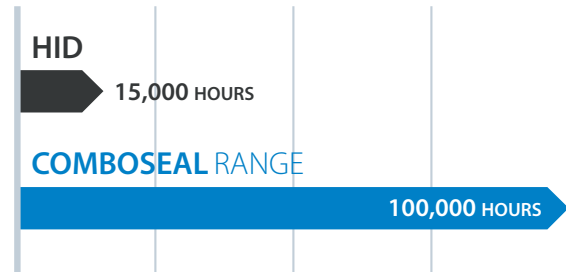
The ideal luminaire when efficiency is key



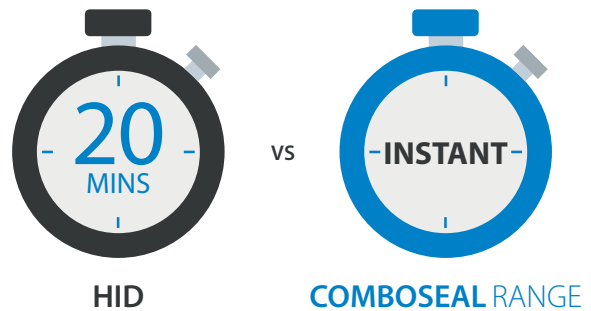
SMART
VERSIONS
UP TO
18m

UP TO
44,000
LUMENS

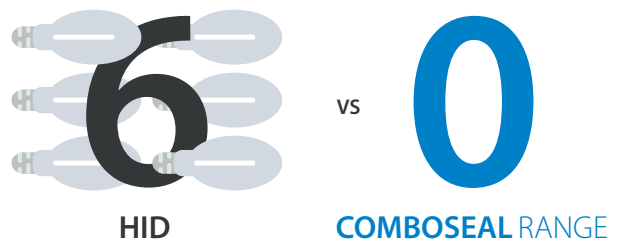
RATED LAMP LIFE



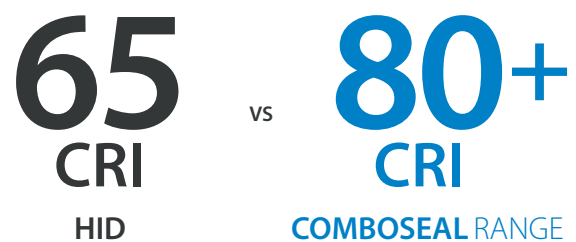
HOT RE-STRIKE TIME



LAMP CHANGES OVER 100,000 HOURS



QUALITY OF LIGHT



COMBOSEAL PLUS

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.

A LENS FOR EVERY LED

Narrow distribution versions feature a dedicated lens for each LED to focus the light, providing supremely efficient optical performance at higher mounting heights.



CHEMICALLY RESISTANT

Full polyester powder coated aluminium body with smooth, sloped back and glass cover make Comboseal Plus ideal for use in areas where corrosive chemicals are used. For further details contact the Thorlux Technical department.

FROM -40°C to +65°C

High specification control gear coupled with thermally optimised PCBs ensure efficient function of the luminaire in ambient temperatures from -40°C to +65°C (see page 1).