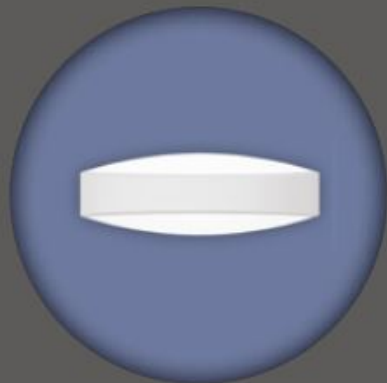




90



180



360

# Clara

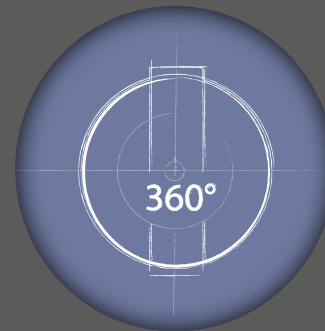
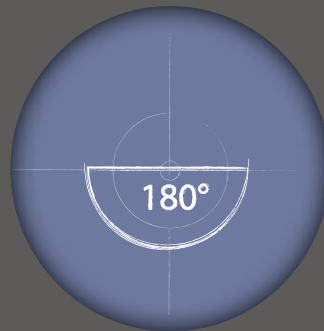
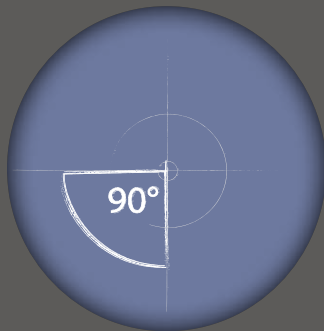
designplan® 

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 **Thorlux**  
Lighting

# The Clara Range



The Clara range of wall mounted luminaires offers contemporary and efficient lighting taking advantage of the very latest LED technology.

Available in three versions Clara offers versatility whilst maintaining design consistency. The use of high efficiency LEDs combined with high performance optics, and a target life expectancy of over 100,000 hours, ensures low energy and maintenance costs.



*Shown in silver option*

**designplan** 

 **Thorlux  
Lighting**



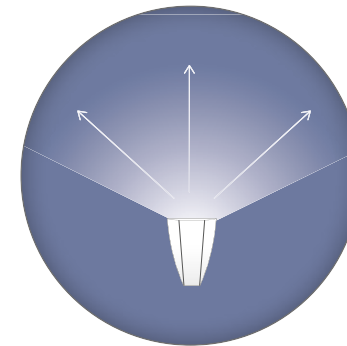
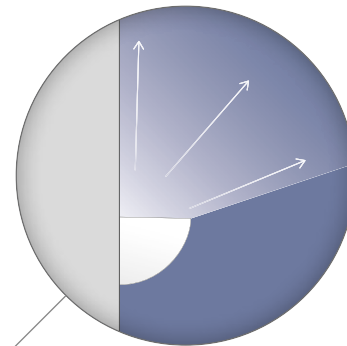


# Clara 90

The smallest member of the Clara family, the Clara 90 provides a compact and elegant lighting solution.

The Clara 90 uses 10 high powered LEDs mounted onto a special aluminum clad heat sinking circuit board. Clara 90 has an integral LED driver and there is a dimming version available. The housing is manufactured from robust injection molded polycarbonate, as standard in white (RAL 9016) or silver option (RAL 9006), and is fully enclosed with a clear polycarbonate cover.

Light is distributed to provide a measure of wall illumination whilst also projecting significant light forwards, to illuminate the ceiling and the general space.



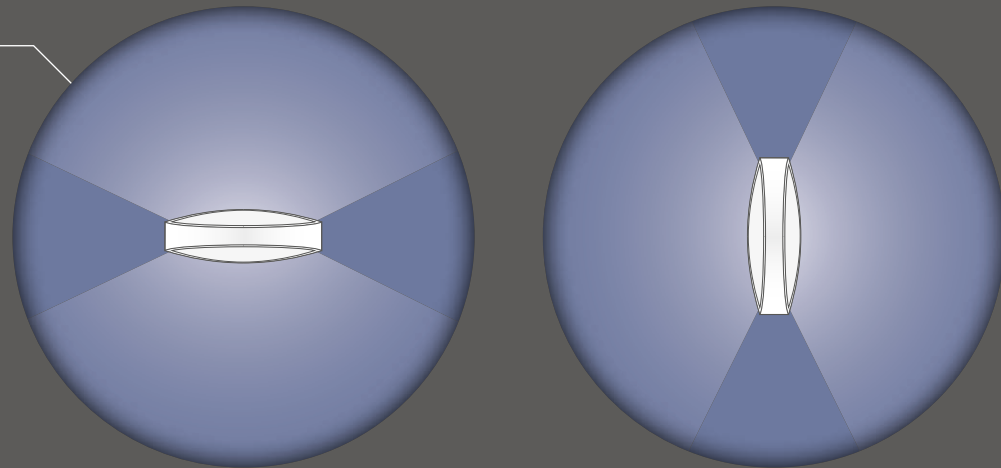
The luminaire uses optical lens technology to direct light forward.

# Clara 180

The unique form and functional design of the Clara 180 provide a stylish architectural luminaire for interior applications.

Clara 180 uses medium power LEDs mounted onto specially designed circuit boards which provide excellent thermal management and LED failure protection. A super efficient reflector directs the light out of the luminaire and achieves 134.6 luminaire lumens per circuit watt. The body is manufactured from robust polycarbonate, available as standard in white (RAL 9016) or silver option (RAL 9006). Satin polycarbonate covers gently diffuse LED glare for excellent visual comfort whilst promoting visual interest from the LED array. Standard, dimming and emergency versions are available. Clara 180 can be mounted horizontally or vertically to create the desired visual effect.

The Clara 180 is suitable for horizontal or vertical mounting and is also available in an uplighter only version.





*Shown in silver option*

**designplan** 

 **Thorlux  
Lighting**



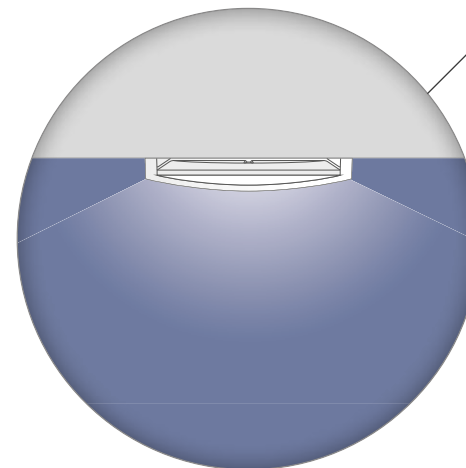
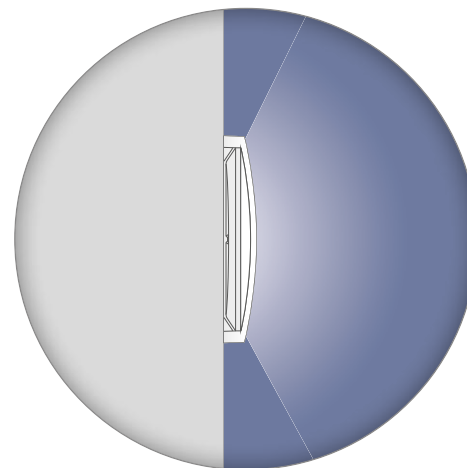




# Clara 360

A perfect balance between aesthetics and performance, the Clara 360 adds a sophisticated element to interior and exterior lighting schemes.

Clara 360 uses medium power LEDs mounted onto specially designed circuit boards which provide excellent thermal management and LED failure protection. A super efficient reflector directs the light out of the luminaire and achieves 132.6 luminaire lumens per circuit watt. The body is manufactured from robust die-cast aluminium available as standard in white (RAL 9016) or silver option (RAL 9006). Satin sparkle effect polycarbonate covers gently diffuse LED glare for excellent visual comfort whilst promoting visual interest from the LED array. Standard, dimming, Smart and emergency versions are available. Clara 360 is rated IP54 suitable for use indoors and outside\*, with an excellent IK09 impact rating. Cable entry is via the rear with alternative top and bottom conduit entries which can be drilled on site to suit.

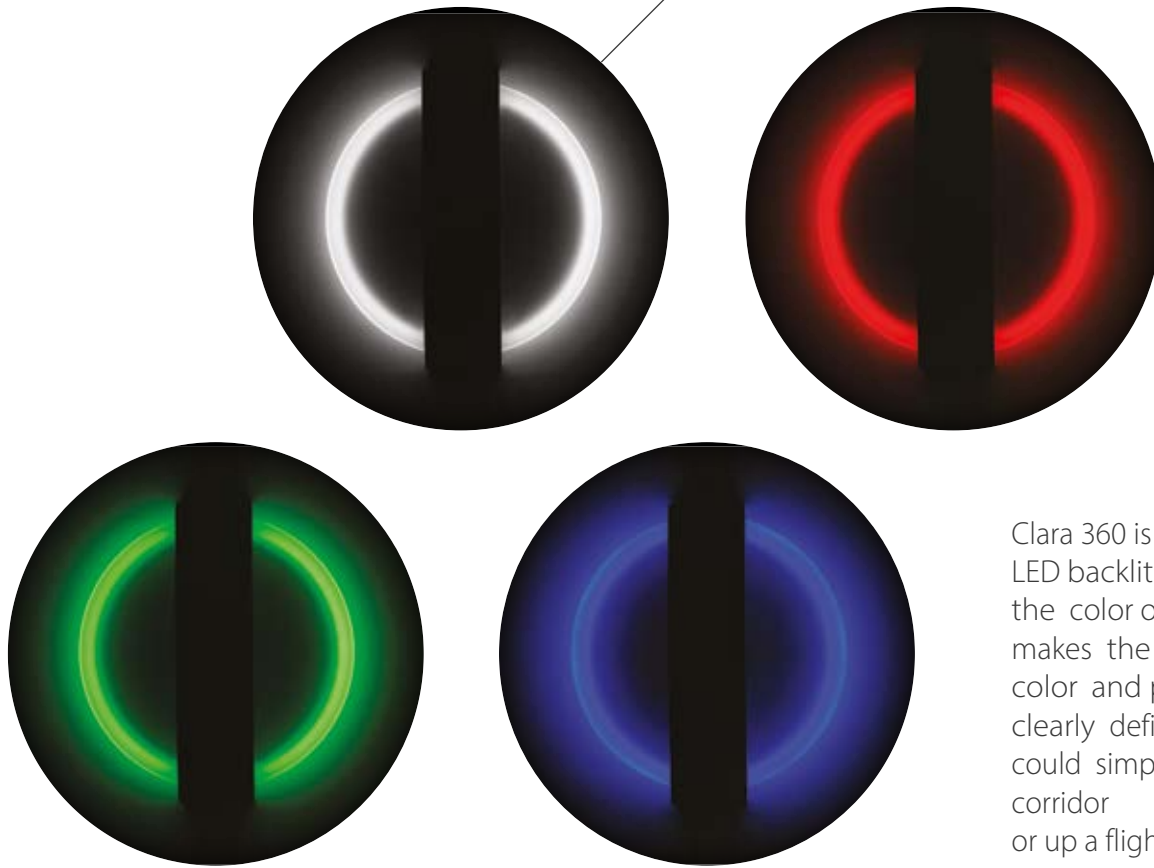


The Clara 360 is suitable for wall or ceiling mounting.

\*Smart version for indoor use only

# Clara 360

## Choose Your Colour



Clara 360 is available with a separately switched 3W LED backlit halo in white or RGB. The ability to switch the color of each half of the luminaire individually makes the Clara 360 extremely versatile. Different color and pattern combinations can be used to clearly define separate floors or areas of a building or could simply be used to create an effect along a corridor or up a flight of stairs.

IP54



# Clara 90

IP40 LED

## SPECIFICATION

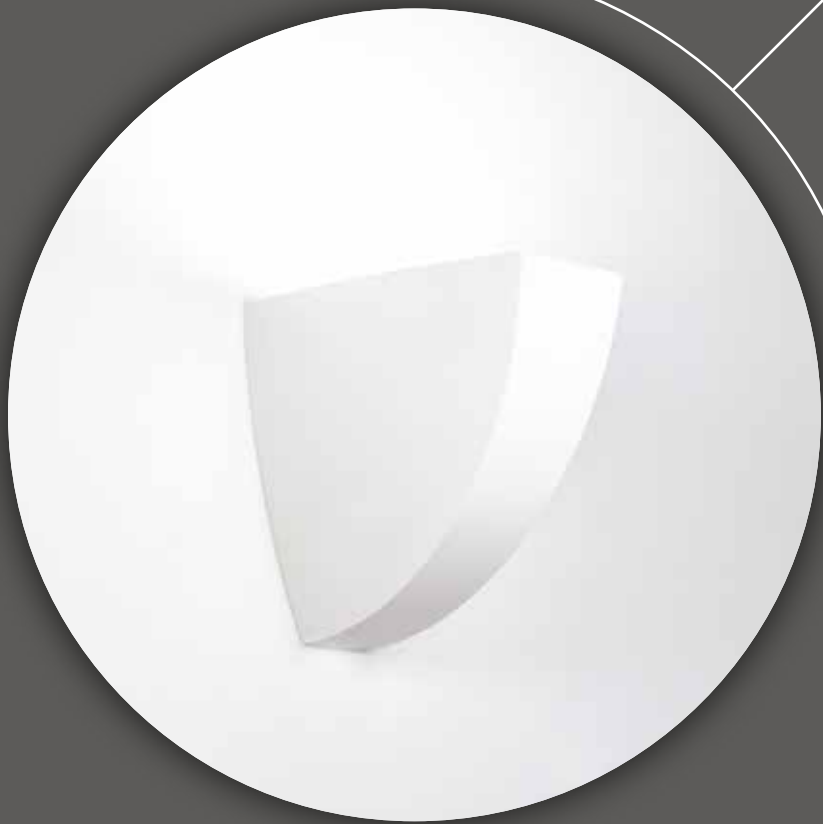
- White injection molded polycarbonate body (RAL 9016)
- Silver option (RAL 9006)
- High efficiency optical system with clear polycarbonate cover
- Fitted with 4000K LEDs

## RANGE

LED	CAT. No.	APPROX. lbs	CIRCUIT
10W	<b>CA 15851</b>	2.20 lbs	L/A
20W	<b>CA 15852</b>	2.20 lbs	L/A

CIRCUIT TYPE - suffix catalog number with:  
L - non-dimming (LED) / A - dimming (DALI) e.g. **CA 15851L** etc.

FINISH OPTION - suffix catalog number with:  
SV3 - Silver e.g. **CA 15851LSV3** etc.



Silver option



# Clara 180



## SPECIFICATION

- White injection molded polycarbonate body (RAL 9016)
- Silver option (RAL 9006)
- High efficiency satin polycarbonate covers
- Can be mounted horizontally or vertically
- Up and downlighter or uplighter only version
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Fitted with 4000K LEDs

## RANGE

	LED	CAT. No.	APPROX. lbs	CIRCUIT
SMART	Up and downlighter 20W	<b>CA 19183</b>	3.97 lbs	D/SS
	Uplighter 10W	<b>CA 19182</b>	3.75 lbs	D/SS
STANDARD	Up and downlighter 20W	<b>CA 15854</b>	3.75 lbs	L/A
	Uplighter 10W +	<b>CA 15853</b>	3.53 lbs	L/A

CIRCUIT TYPE - suffix catalogue number with:

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

**STANDARD** L - non-dimming (LED) / A - dimming (DALI)  
e.g. **CA 19183SS** etc.

EMERGENCY VERSION - prefix catalogue number with:

**ECA** - Emergency (Not available when selecting the 'SS' suffix)

**TCA** - AutoTest

**WCA** - SmartScan (Only available when selecting the 'SS' suffix)  
e.g. **WCA 19183SS** etc.

Add 0.66 lbs to weights listed

FINISH OPTION - suffix catalogue number with:

**SV3** - Silver e.g. **CA 15854LSV3** etc.

+ Can also be used as a downlighter



Silver option



Uplighter only version

# Clara 360

IP54 IK09 LED  

## SPECIFICATION

- Die-cast aluminum body and lid finished full polyester non-yellowing satin white (RAL 9016)
- Silver option (RAL 9006)
- High efficiency satin sparkle effect polycarbonate covers
- Optional 3W LED backlight (RGB or white)
- 100,000 hour life expectancy
- Emergency and AutoTest versions using two integral 1W high power LEDs
- Smart versions with intelligent lighting control
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Fitted with 4000K LEDs

## RANGE

	LED	STANDARD	APPROX. lbs	WHITE LED HALO	RGB LED HALO	APPROX. lbs	CIRCUIT
<b>SMART</b>	20W	<b>CA 15626</b>	7.05 lbs	<b>CA 15637</b>	<b>CA 15631</b>	7.28 lbs	D/SS
<b>STANDARD</b>	20W	<b>CA 15625</b>	6.83 lbs	<b>CA 15634</b>	<b>CA 15628</b>	7.05 lbs	L/A

CIRCUIT TYPE - suffix catalogue number with:

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

**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. **CA 15626SS** etc.

EMERGENCY VERSION - prefix catalogue number with:

ECA - Emergency

(Not available when selecting the 'SS' suffix)

TCA - AutoTest

WCA - SmartScan (Only available when selecting the 'SS' suffix)

e.g. **WCA 15626SS** etc.

Add 0.66 lbs to weights listed.

FINISH OPTION - suffix catalogue number with: **SV3** - Silver RAL 9006 e.g. **CA 15626DSV3** etc.



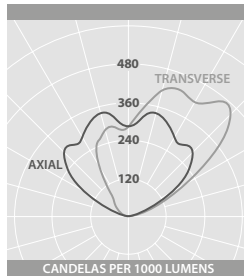
Silver option with integral Smart Pod

# Clara 90

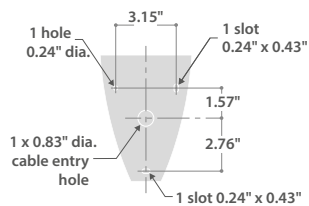
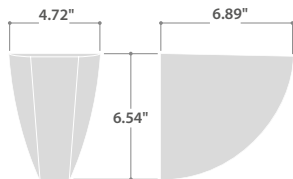
## LED CHARACTERISTICS

CRI	<b>80+</b>
COLOR TEMPERATURE	<b>4000K</b>
RATED LIFE (HOURS)	<b>100K - L90/B10</b>
PROTECTION	<b>LED PROTECT</b>
DRIVER EFFICIENCY	<b>&gt;80%</b>
REPLACEABLE	<b>YES</b>
POWER FACTOR	<b>&gt;0.95</b>
<b>LL/CW</b>	<b>96.7</b>

### LED



Luminaire Lumen Output  
10W = 1160 lm  
20W = 2020 lm

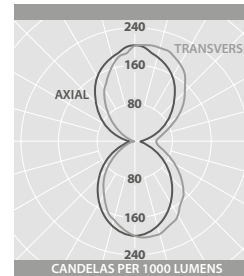


# Clara 180

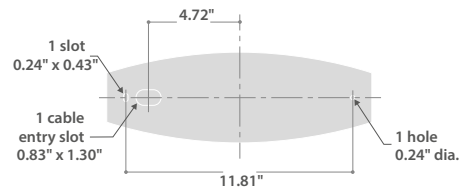
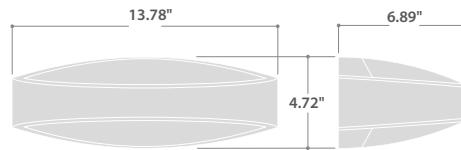
## LED CHARACTERISTICS

CRI	<b>80+</b>
COLOR TEMPERATURE	<b>4000K</b>
RATED LIFE (HOURS)	<b>100K - L80/B10</b>
PROTECTION	<b>LUX GUARD</b>
DRIVER EFFICIENCY	<b>&gt;80%</b>
REPLACEABLE	<b>YES</b>
POWER FACTOR	<b>&gt;0.95</b>
<b>LL/CW</b>	<b>134.6</b>

### LED



Luminaire Lumen Output  
10W = 1560 lm  
20W = 3095 lm

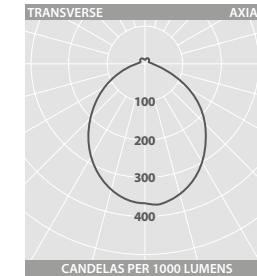


# Clara 360

## LED CHARACTERISTICS

CRI	<b>80+</b>
COLOR TEMPERATURE	<b>4000K</b>
RATED LIFE (HOURS)	<b>100K - L80/B10</b>
PROTECTION	<b>LUX GUARD</b>
DRIVER EFFICIENCY	<b>&gt;87%</b>
REPLACEABLE	<b>YES</b>
POWER FACTOR	<b>&gt;0.95</b>
<b>LL/CW</b>	<b>132.6</b>

### LED



Luminaire Lumen Output  
20W = 3050 lm

