



LEDbar



The patented LEDbar substitutes the conventional Realta lamp source with an 8W LED lamp package. The aluminium bar dissipates the heat generated by the LEDs for optimum performance.

WIDE DISTRIBUTION
LED CHARACTERISTICS

CRI	80
COLOUR TEMPERATURE	4000K/5700K
RATED LIFE (HOURS)	67K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>80%
REPLACEABLE	YES
POWER FACTOR	>0.95
LL/CW	120.0

AREA DISTRIBUTION
LED CHARACTERISTICS

CRI	70+
COLOUR TEMPERATURE	4000K/5700K
RATED LIFE (HOURS)	100K - L90/B10
PROTECTION	LED PROTECT
DRIVER EFFICIENCY	>85%
REPLACEABLE	YES
POWER FACTOR	>0.95
LL/CW	127.6

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



Smart External version



Area distribution

Wide distribution

Realta Design Registration Number 3024955

HIGH PERFORMANCE LUMINAIRES
DESIGNED TO MINIMISE LIGHT
POLLUTION AND ENERGY
CONSUMPTION

IP66 IK10++ / IK10 / IK06 CE LED

SPECIFICATION

- Graphite full polyester powder finish. Silver option
- Strong die-cast LM2 aluminium body
- High efficiency prismatic polycarbonate or borosilicate glass front refractor
- Wide distribution (8W) or area distribution (20W, 34W and 42W) options
- Highly specular, multi-faceted injection moulded vacuum metallised reflector on wide distribution versions
- Excellent distribution with less than 2% upward light component
- Optional photocell control
- Smart External versions with intelligent lighting control for use up to 6 metres mounting height
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Fitted with 4000K or 5700K LEDs

SmartScan Configurations



Find out more at www.thorlux.com/smartscan

RANGE

	LED	WIDE DISTRIBUTION	AREA DISTRIBUTION	APPROX. kg
SMART EXTERNAL	IK10 Polycarbonate Cover			
	8W - 4000K	RL 19069SS		3.9
	20W - 4000K		RL 19110SS	4.0
	34W - 4000K		RL 19111SS	4.0
	42W - 4000K		RL 19112SS	4.0
	8W - 5700K	RL 19070SS		3.9
	20W - 5700K		RL 19113SS	4.0
	34W - 5700K		RL 19114SS	4.0
STANDARD	42W - 5700K		RL 19115SS	4.0
	IK10++ Polycarbonate Cover			
	8W - 4000K	RL 19071L		3.8
	20W - 4000K		RL 19116L	3.9
	34W - 4000K		RL 19117L	3.9
	42W - 4000K		RL 19118L	3.9
	8W - 5700K	RL 19072L		3.8
	20W - 5700K		RL 19119L	3.9
	34W - 5700K		RL 19120L	3.9
	42W - 5700K		RL 19121L	3.9
	IK06 Glass Cover			
	8W - 4000K	RL 19073L		4.6
	8W - 5700K	RL 19074L		4.6

CIRCUIT TYPE -

SMART EXTERNAL SS - SmartScan
STANDARD L - non-dimming (LED)

SILVER OPTION - add suffix **SV3** e.g. **RL 19069SSSV3** etc.

EMERGENCY VERSION - prefix catalogue number with:

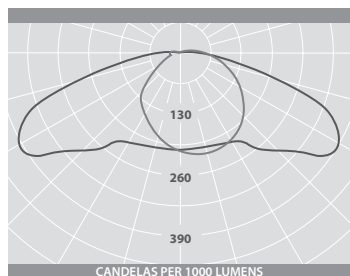
ERL - Emergency / **TRL** - AutoTest (Not available when selecting the 'SS' suffix)

WRL - SmartScan

e.g. **WRL 19069SS** etc.

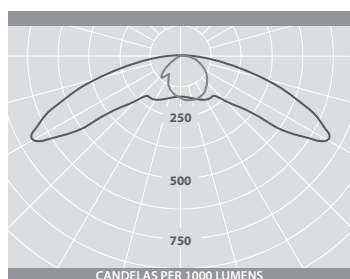
Add 0.4kg to weights listed

PHOTOMETRIC GUIDE



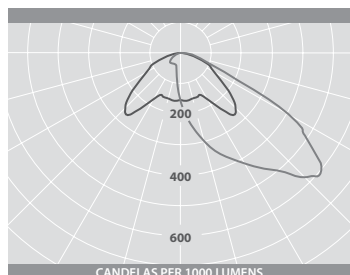
GLASS COVER (Wide Distribution)

Luminaire Lumen Output:
8W = 1175lm



POLYCARBONATE COVER (Wide Distribution)

Luminaire Lumen Output:
8W = 1320lm



POLYCARBONATE COVER (Area Distribution)

Luminaire Lumen Output:
20W = 2840lm
34W = 4850lm
42W = 5635lm



Single luminaire pole mounting attachment



Twin luminaire pole mounting attachment

ACCESSORIES

DESCRIPTION	CAT. No.	APPROX. kg
Single luminaire pole mounting attachment (for 60mm dia. poles)	RL 13759	1.6
Twin luminaire pole mounting attachment (for 60mm dia. poles)	RL 14175	2.6
76/60mm dia. spigot adaptor (for retro-fit on 76mm dia. columns)	RL 11184	0.8

OPTIONS

DESCRIPTION	SUFFIX	EXAMPLE
Photocell (standard versions only)	PC	RL 19071LPC
Tamper resistant screws ♦	T	RL 19071LT

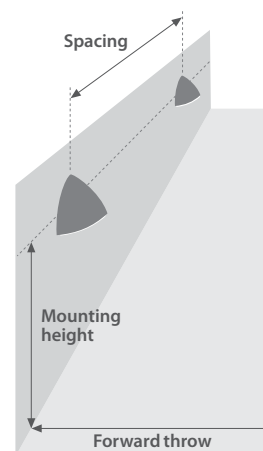
♦ To fasten tamper resistant screws order special screwdriver **KEY 10008**

PERFORMANCE GUIDE - Wide Distribution

Photometric Performance -
8W LED with polycarbonate cover

SPACING	AVERAGE ILLUMINANCE	UNIFORMITY (min/av)
3m mounting height - 3m forward throw		
10m ctrs	22 lux	0.48
15m ctrs	15 lux	0.47
20m ctrs	11 lux	0.22
4m mounting height - 4m forward throw		
10m ctrs	17 lux	0.48
15m ctrs	11 lux	0.45
20m ctrs	8 lux	0.47
5m mounting height - 5m forward throw		
10m ctrs	13 lux	0.42
15m ctrs	9 lux	0.48
20m ctrs	7 lux	0.45

FIGURES ARE BASED ON INITIAL LUMENS



e.g. At 3m mounting height and 10m centres: 22 lux average horizontal illuminance at ground level



DIMENSIONS

