




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.

< 2% Upward Light 

Help reduce light pollution and protect the night sky by selecting < 2% upward light luminaires

WIDE DISTRIBUTION LED CHARACTERISTICS

CRI	80
COLOUR TEMPERATURE	4000K
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
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.au/led-characteristics



Area distribution

Wide distribution

Realta Design Registration Number 3024955



Smart External version

HIGH PERFORMANCE LUMINAIRES DESIGNED TO MINIMISE LIGHT POLLUTION AND ENERGY CONSUMPTION



SPECIFICATION

- Graphite full polyester powder finish. Silver option
- Strong high-pressure 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 8 metres mounting height
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Fitted with 4000K LEDs

RANGE

	LED	WIDE DISTRIBUTION	AREA DISTRIBUTION	APPROX. kg
SMART EXTERNAL	IK10 Polycarbonate Cover			
	8W	RL 19069SS		3.9
	20W		RL 19110SS	4.0
	34W		RL 19111SS	4.0
	42W		RL 19112SS	4.0
STANDARD	IK11 Polycarbonate Cover			
	8W	RL 19071L		3.8
	20W		RL 19116L	3.9
	34W		RL 19117L	3.9
	42W		RL 19118L	3.9
	IK06 Glass Cover			
	8W	RL 19073L		4.6

CIRCUIT TYPE -

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

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

Photometrics, Accessories, Options and Dimensions pages 3 and 4

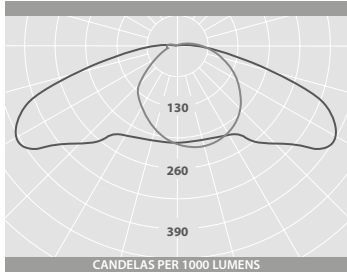
SmartScan Configurations



Find out more at www.thorlux.com.au/smartsan

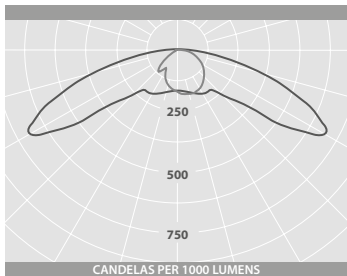
Presence Detection Guide - www.thorlux.com.au/files/presence-detection.pdf

PHOTOMETRIC GUIDE



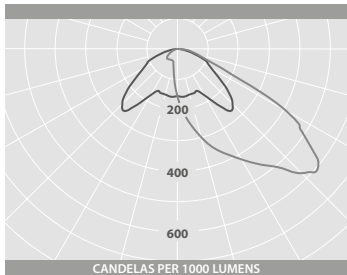
GLASS COVER (Wide Distribution)

Luminaire Lumen Output:
8W = 1175lm



POLYCARBONATE COVER (Wide Distribution)

Luminaire Lumen Output:
8W = 1320lm

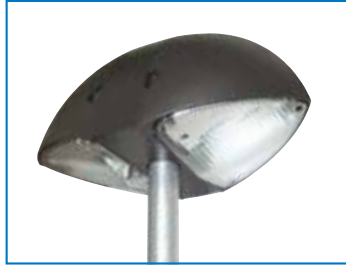


POLYCARBONATE COVER (Area Distribution)

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



Single luminaire column mounting attachment



Twin luminaire column mounting attachment

ACCESSORIES

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

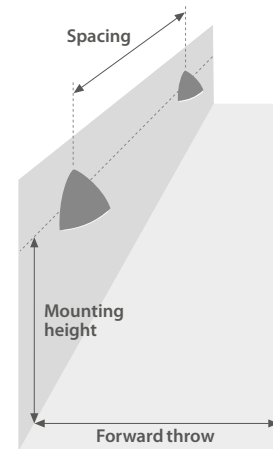
OPTIONS

DESCRIPTION	SUFFIX	EXAMPLE
Photocell (standard versions only)	PC	RL 19071LPC

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



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

FIGURES ARE BASED ON INITIAL LUMENS



Area distribution

Wide distribution

DIMENSIONS

