



## Racklyter LED

Internal lighting



The Racklyter LED is designed for use for low, medium or high bay applications in warehouse aisles, industrial or retail open areas, garages, canteens, power stations, hangars, etc.

Suitable for use with sensors (integral or remote) for occupancy or daylight control.

**Construction:** Housing fabricated from zinc coated steel, or Aluminum.  
Clear acrylic lens. IP20.

**Mounting:** Suspended.

**Finish:** White.

**LED:** 144w, 180w or 254w LED. 5K.  
Smaller Wattages on Request.  
Ambient temperature: -25°C to 40°C.

**Lifetime:** Up to 50,000 hr rated lifetime.

**Sensor controller system:** An optional narrow beam occupancy sensor can be mounted on the luminaire.

Typically, fittings will remain on while area of sensor coverage is occupied, then switch off automatically, after preset time delay when area is vacated.

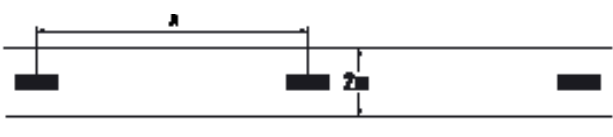
**Dimensions:**  
- 830 x 352 x 59mm (144 W)  
- 1,410 x 355 x 60mm (180/254 W)

**Options:** Wide (typically 110°) or Narrow Beam (typically 60°); Sensors.

**Product Compliance:** EN 60598; CE.

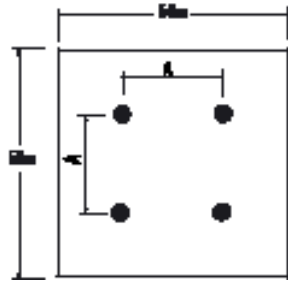
## APPLICATION GUIDES

AISLE - NARROW BEAM						
Spacing (A)	MOUNTING HEIGHT					
	6m	8m	8m	10m	12m	15m
	144w LED		254w LED			
6m	526 (0.99)	422 (0.99)	720 (0.99)	584 (0.99)	490 (1.00)	401 (1.00)
8m	394 (0.94)	316 (0.99)	539 (0.99)	439 (0.99)	369 (0.99)	301 (0.99)
10m	316 (0.79)	253 (0.96)	432 (0.96)	351 (0.99)	295 (0.93)	242 (0.99)
12m	263 (0.63)	212 (0.86)	361 (0.86)	292 (0.96)	246 (0.98)	201 (0.99)
15m	210 (0.42)	169 (0.67)	288 (0.67)	235 (0.85)	197 (0.95)	161 (0.98)
20m	-	-	-	176 (0.60)	147 (0.78)	121 (0.92)

Floor illumination using 144w/254w LED and 0.90 LLF.  
 Reflectances 0.5/0.5/0.2 for ceiling, walls and floor.  
 Uniformity shown in Brackets.

OPEN AREA - WIDE BEAM						
Spacing (A)	MOUNTING HEIGHT					
	6m	8m	8m	10m	12m	15m
	144w LED		254w LED			
6m	353	337	621	602	581	547
8m	199	192	355	340	328	309
10m	137	132	243	232	224	211
12m	-	-	161	154	148	139

Floor illumination using 144w/254w LED and 0.90 LLF.  
 Reflectances 0.5/0.5/0.2 for ceiling, walls and floor.  
 Recommended spacing up to 1.4 times the mounting height.

## ORDERING CODE

Wattage	Code	Description	Dimensions (mm)	Lumens
144w	3RCL10140	Racklyter LED, wide beam	830 x 352 x 59	17,000 lm
144w	3RCL10145	Racklyter LED, narrow beam	830 x 352 x 59	17,000 lm
180w	3RCL10180	Racklyter LED, wide beam	1410 x 355 x 60	20,400 lm
180w	3RCL10185	Racklyter LED, narrow beam	1410 x 355 x 60	20,400 lm
254w	3RCL10250	Racklyter LED, wide beam	1410 x 355 x 60	29,000 lm
254w	3RCL10255	Racklyter LED, narrow beam	1410 x 355 x 60	29,000 lm

## OPTIONS

OC: Occupancy Control
DALI: DALI



Occupancy Sensor