



Redan 90

IP66

IK14 (100J)

Linear

Class I

Surface

TM65/66

Transport

Redan 90 is a maintenance pit luminaire, specifically designed for light duty maintenance pits within rail facilities.

Standard Colours

Textured Black

Matt Titanium

Product Information

Redan 90 has been carefully designed to minimise glare, by restricting the output based on the illuminous surface area, in order to comply with BS-EN 12464-1 (1000lm per 300cm²).

At 895mm in length, Redan 90 has been constructed in a way that allows for it to be fixed between stanchions. Redan 90 provides uniform lighting for both the underside of vehicles and the pit floor, incorporating separate upward and downward illumination. With high levels of impact and ingress resistance, Redan 90 is designed to endure the harsh environments expected within this application. Rail applications include safely illuminating raised, light duty maintenance pits within rail facilities.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using [TM66](#) and measure embodied carbon (kgCO₂e) in accordance with [TM65.2](#).

Impact Resistance Rating: IK14 (100J). [Learn More.](#)

Ingress Protection Rating: IP66. [Learn More.](#)

Housing: Zinc coated steel body.

Paint: Polyester powder coat. [All Colour Options Available Here.](#)

Diffuser: Flush clear polycarbonate, with glare reduction film.

Driver: Electronic control gear on a removable tray for ease of repair/upgrade with fused plug & socket connector block.

Mounting: Wall.

Cable Entry: Supplied with flying lead.

Design Life: 30+ years. [Learn More.](#)

■ **Technical Information**

Redan90	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L895mm				
RDN-3-1400N-MT	1419	12	118	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	14.5	CRI>80	-	L ₉₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	327	-
	Dimensions			
	895mm x 281mm x 110mm			
RDN-3-3500N-MT	3442	26.2	131	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	14.5	CRI>80	-	L ₉₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	327	-
	Dimensions			
	895mm x 281mm x 110mm			

Fitting Options

Microwave Sensor - Intelligent (Basic)	-M5
DALI-2 Dimming / Monitoring	-DA
Emergency Lithium DALI	-EK
Emergency Lithium, Self Test	-EJ
Emergency Lithium	-EL
Textured Black	-TB
Matt Titanium	-MT

- Remote control for Intelligent MWS -M5, order code : HRC-05.

