

LEDroad RF



FEATURES

- Simple LED retro fit design for any HID luminaire
- Tray designed to suit your luminaire
- Luminaires already designed include ARC80, Sapphire, ZX1, Oracle, Beta 2, Beta 5, Libra, Windsor, Albany, Abbey
- Dimmable & CMS Connectivity
- Quick and easy installation
- Future Proof (Parts interchangeable)
- Up to 80% Energy Saving!

Available to retro fit into any lantern type, bespoke solutions available & also available ready sealed into a polycarbonate bowl/cover



LEDroad - (35/55w SOX & 70w SON replacement)	RF 12LED (up to 5.2KLM)
LEDroad - (100w SON replacement)	RF 24LED (up to 10.5KLM)
LEDroad - (150w/250w SON replacement)	RF 36LED (up to 15.8KLM)
LEDroad - (250w/400w SON replacement)	RF 48LED (up to 21KLM)

Product Family Name:	LEDroad RF
Product Family Code:	ALRF>No of LED<>CCT<>Lumen Package<>Lantern Type<
LED Brand:	Lumileds Luxeon TX
LED Colour Temp:	3000K, 4000k (Stnd) or 5000k
CRI:	70 (>80 on request)
Light Source Replaceable:	Yes
Power Supply:	On board
Optical Type:	Multi-Layer
Optical Distribution:	Road Type II, III, Roadway & Area
Optical Cover/Lens:	Yes
Dimmable:	Yes
IP Rating:	Will maintain the IP rating of your luminaire
Mounting:	Tray designed to fit luminaire
Aiming Angles:	Set by luminaire angle
UMSUG Codes:	On request
Warranty:	5 Years

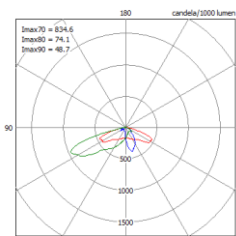
Input Voltage:	230v
Control Signal:	Optional 0-10v or DALI
Chassis Material:	Painted steel
Chassis Colour:	Painted grey (optional to match fixture)
Optical Cover/lens material:	polycarbonate optional
Mechanical Accessories:	Pre-wired
LED Coordinates:	NA
Weight (Kg):	1 / 1.3 / 1.6 / 1.9
System Power (w):	See chart on following page
Luminous flux (KLM):	See chart on following page
LED Luminaire efficacy:	Up to 160lm/w
Surge Protection	4KV (10 on request)
Working Temp:	-40 to +50°C



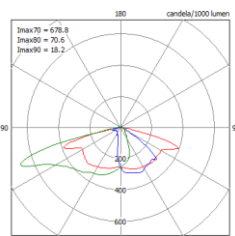
Drive Current (mA)	LE12 (12 LEDs)	Delivered		Total System	LE 24 (24LEDs)	Delivered		LE36 (36LED)	Delivered		LE48 (48LED)	Delivered	
	Watts (w)	Lumens (Lm)	HID Equivalent	Lm/W	Watts (w)	Lumens (Lm)	HID Equivalent	Watts (w)	Lumens (Lm)	HID Equivalent	Watts (w)	Lumens (Lm)	HID Equivalent
200	7.4	1193	20w	161.2162162	14.8	2386	35w	22.2	3579	35w	29.6	4772	70w
350	13	1962	35w	150.9230769	26	3924	70w	39	5886	70w	52	7848	100/150
500	18.5	2802	50w	151.4594595	37	5604	100w	55.5	8406	100/150	74	11208	150
700	26	3688	70w	141.8461538	52	7376	100/150w	78	11064	150w	104	14752	250
1050	39	5269	100/150w	135.1025641	78	10538	150w	117	15807	250w	156	21076	400

Indicative data subject to change without prior notice

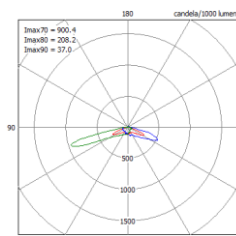
Photometry



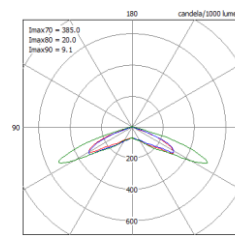
Type 2 (Narrow Rd)



Type 3 (Regular Rd)



Type 4 (Wide Rd / Area)



Type 5 (Area/360°)

