RESIDENTIAL

Application
Residential areas, side streets with pedestrians.

CE | IK08 | IP66 | 5,9 kg

Informations
Compact, aluminium bodied, LED lantern providing comfortable white light for minor roads and residential areas. Combines a powerful and efficient LED optic (1800 lm and 7600 lm package) with a flat glass—to deliver energy efficient white light (3000 or 4000K) that is EN 13201S, M class compliant. Eletronics and optics components protected IP66. Post top or side mounting via variable spigot assembly. Lantern supplied complete and ready to install, in a single box.

Structures & Materials
Body : die-cast aluminium
Spigot : die-cast aluminium
Diffuser : tempered 4mm flat glass, easy replaceable
Gasket : neoprene foam
Screws & nuts : stainless steel
Color : RAL 7047 (Standard). Other colors on request.

Electrical & Electronic
Imput voltage & frequency : 220—240V AC 50/60Hz
Class : Class I & Class II
Constant current
Driver—Surge protection and integration of thermal protection
Power factor : > 0,9 at 230V 50Hz.

Lighting performance
LED configuration : 12, 24, 36
Rated luminous flux range : from 1800 to 7600 lm
Rated luminous efficacy : up to 137 lm/w
Lumen factor maintenance : L90B10 100K hrs
Color temperature (K) : 3000, 4000 (Standard). Others on request.
Color Rending Index (CRI) : 70 (Standard). Others on request.
ULOR : 0.

Installation & Maintenance
Engineered for low maintenance with accessible and replaceable driver.
Removable gear tray.
Suitable for post top or side entry mounting.
Spigot can take a diameter of 42, 48 and 60mm for side entry and post top mounting with a tilt of 5°.
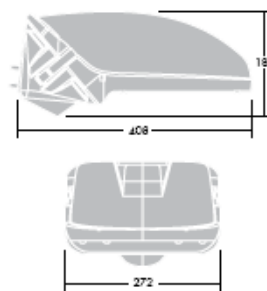
Options available
Precabling | DALI | Minicell | Radio frequency communication | CLO.

Standards & Regulations
Complies with Me/CE,S road lighting standards EN 13201.
CE, RoHS, VDE, EN 60598 2-3, Directive 2004/35/EU, 2014/30/EU, 2011/65/EC, 2009/125/EC, 1194/2012/EC, EN 60598-1, EN 55015, EN61000-3-2, EN61000-3-3, EN 62493, EN 61547, EN 62471, photo biological safety of lamps and lamp system.
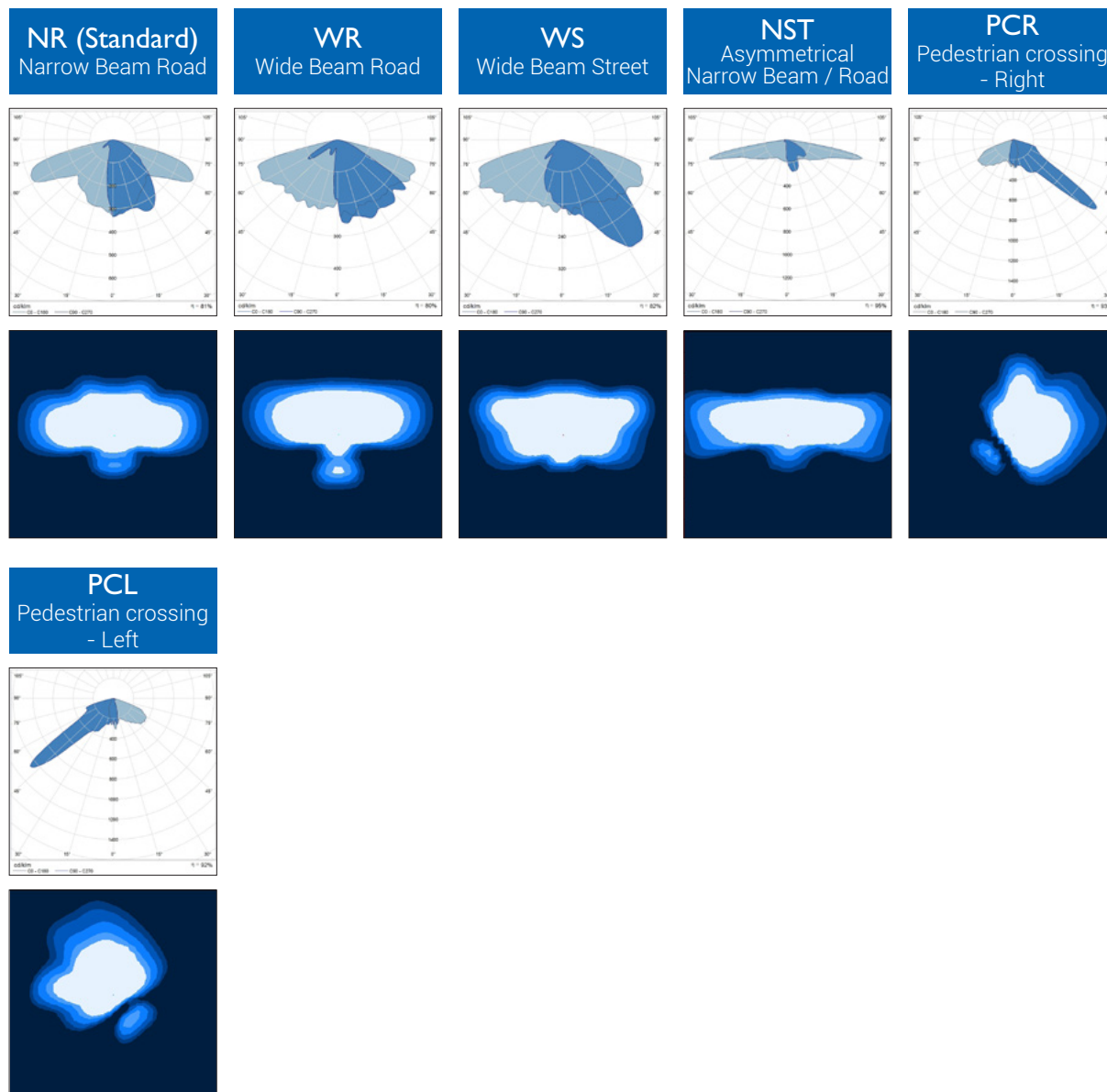
Dimensions

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Photometric

NR (Standard) Narrow Beam Road	WR Wide Beam Road	WS Wide Beam Street	NST Asymmetrical Narrow Beam / Road	PCR Pedestrian crossing - Right

PCL Pedestrian crossing - Left

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Ordering guide

Product name	Number of LEDs	Color temperature / CRI	Optics	Electronic	Electrical	Photocell	Mounting type	Precabling	Finish	CLO
										CLO - Constant Flux Over Lifetime
									RXXXX Peinture RAL au choix - RAL Coating to be defined	
									RAL 7047 ★	
								W6M - Précâblage 6m - Pre-cabling 6 m		
								W8M - Précâblage 8m - Pre-cabling 8 m		
								W10M - Précâblage 10m - Pre-cabling 10 m		
								WXXM - Précâblage XXm - Pre-cabling XX m		
							M60 - Manchon Ø60 mm en top de mât ou latéral - Post-top or Side-Mounting Spigot Ø60 mm ★			
							MLE - Montage en latéral, manchon Ø60 mm (Précisé uniquement pour la version précâblée) - Side-Mounting Spigot Ø60 mm (precised only for pre-wired version)			
							MTP - Manchon Ø60 en top de mât (Précisé uniquement pour la version précâblée) - Post-top Spigot Ø60 (precised only for pre-wired version)			
						RF - Gestion d'éclairage en radio-fréquence - Lighting Management via Radio Frequency				
						PM - Mini cellule photoélectrique intégrée - Embedded Mini Photocell				
					CL1 - Classe électrique I - Electrical Class I					
					CL2 - Classe électrique II - Electrical Class II ★					
				BP - Réduction autonome de la puissance à 40 % du flux lumineux sur 7 heures (programmation fixe) - Bi-Power 7hrs @ 40% (Fixed) ★						
				BPX-XX Réduction autonome de la puissance sur demande - Power Reduction On Demand						
				/ - Pas de bipuissance, à 100% - No Bipower 100%						
				HFX - Progrmmation DALI - DALI Programming						
				CAM - Camera						
			NR - Route étroite - Narrow Beam Road ★							
			WR - Route large - Wide Beam Road ★							
			WS - Rue large - Wide Beam Street ★							
			NST - Faisceau étroit asymétrique pour route - Asymmetrical Narrow Beam / Road							
			PCR - Passage piétons droite - Pedestrian crossing right							
			PCL - Passage piétons gauche - Pedestrian crossing left							
		730 - CCT 3000K CRI>70								
		740 - CCT 4000K CRI>70 ★								
	12L35 - 12 LED 350 mA ★									
	12L50 - 12 LED 500 mA ★									
	12L70 - 12 LED 700 mA ★									
	12L90 - 12 LED 900 mA ★									
	24L35 - 24 LED 350 mA ★									
	24L50 - 24 LED 500 mA ★									
	24L70 - 24 LED 700 mA ★									
	36L35 - 36 LED 350 mA ★									
	36L50 - 36 LED 500 mA ★									
	36L70 - 36 LED 700 mA ★									
RES369 ★										

★ Standard

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