

LEDLUME XP

LED solution for an optimised investment

SA PAT. 2012/07685



LEDLUME XP 1



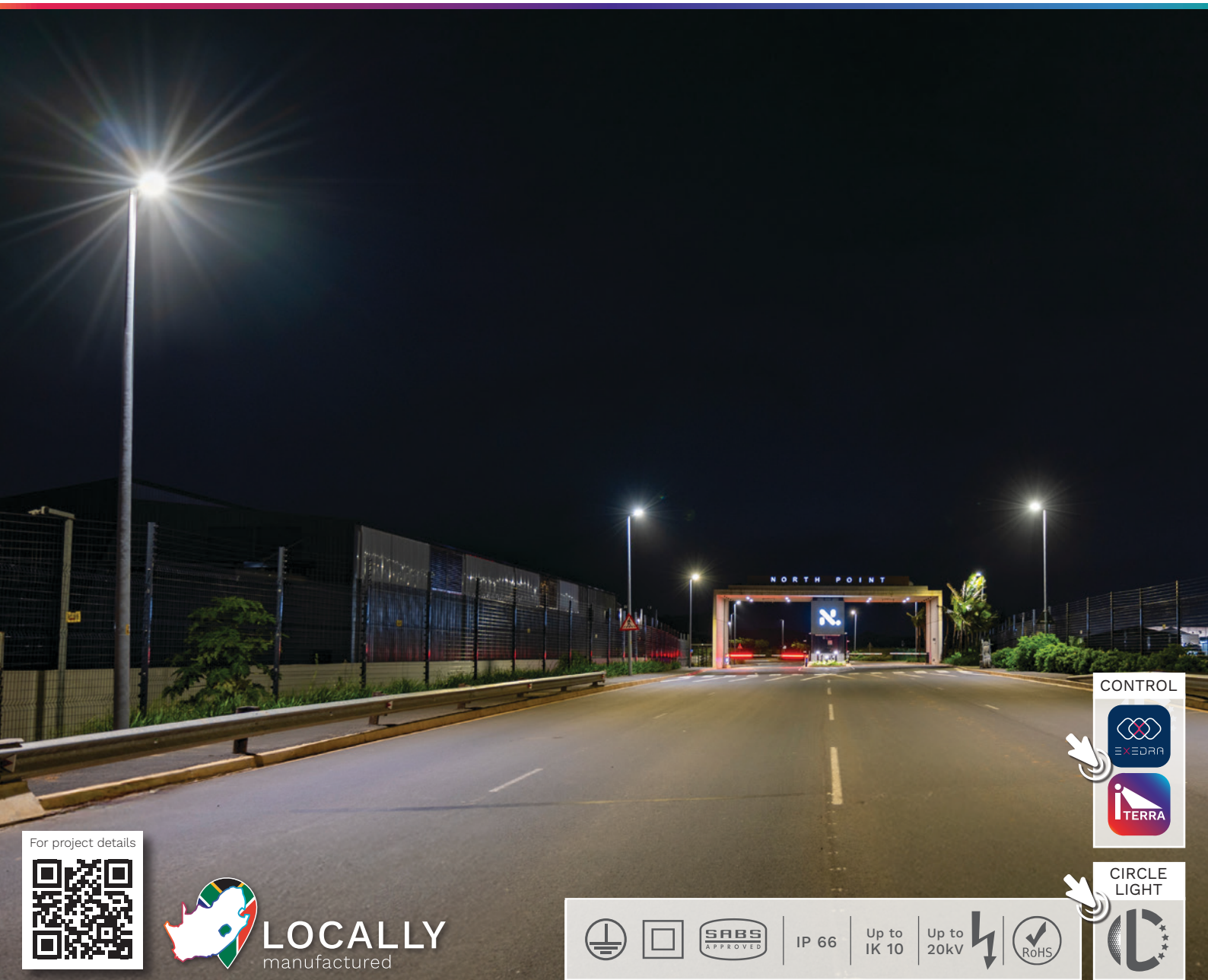
LEDLUME XP 2



LEDLUME XP 3



LEDLUME XP 4



For project details



LOCALLY
manufactured



IP 66

Up to
IK 10

Up to
20kV



CONTROL



CIRCLE
LIGHT



Key advantages

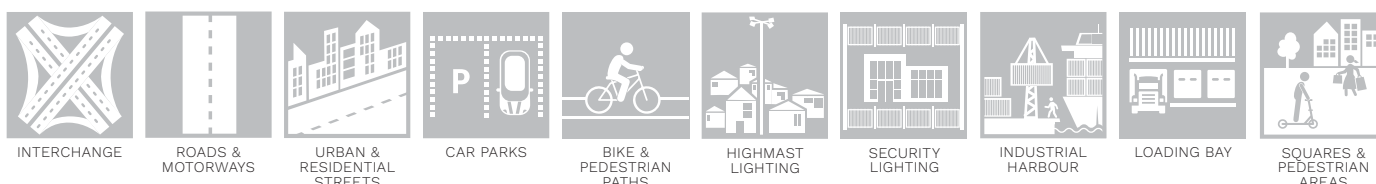
- Designed and manufactured in South Africa (SADC Class S > 87% local manufacture)
- Designed to operate LED light sources of up to 265W in an ambient temperature (T_q) environment of up to 25°C, without reducing the useful lifetime of 100 000 hours, at a lumen depreciation of not more than 5% (L95B10)
- New generation of LensoFlex®4 photometric engine, providing maximum spacings for compliance with SANS 10098 road lighting classification, while maintaining comfort and safety
- Marine grade, high-pressure die-cast aluminium housing
- Maximised savings in energy (more than 70% possible) and maintenance costs
- Designed for easy technology upgrade (FutureProof)
- Easy to install
- Unsurpassed light uniformity
- Circular economy 4-star rating
- 5-year warranty (Terms and conditions apply)

Characteristics

GENERAL INFORMATION

Testing standard	SANS 475, SANS 60598, SANS 62262			
Housing	Marine grade high-pressure die-cast aluminium (EN 1706 AC-44300)			
Protector	High-impact clear glass		High-impact polycarbonate (optional)	
Housing finish	Unpainted aluminium			
Aerodynamic resistance (CxS)	1: 0.046m²	2: 0.057m²	3: 0.072m²	4: 0.088m²
Standard mounting	Slip-over side-entry Ø42mm			
Spigot length	≥ 125mm			
Nominal voltage	198-264V – 50Hz			
Surge protection	10kV / 10kA		20kV / 20kA (optional)	
Operating temperature range (Ta)	-35°C up to +40°C			

LEDLUME XP	1	2	3	4
Wattage (up to)	69W	100W	147W	265W
Nominal flux (up to)	9,002lm	14,969lm	23,496lm	43,584lm
Luminaire output flux (up to)	7,922lm	13,173lm	20,676lm	38,354lm
Luminaire efficacy (up to)	148lm/W	155lm/W	154lm/W	148lm/W
Colour temperature	4000K (Neutral white 740); 3000K (Warm white 730); 5700K (Cool white 757) CRI ≥70			
Lifetime of the LEDs @T _q 25°C	100,000h - L95B10			
Lifetime of the Driver @T _q 25°C	100,000h ≤10% failure rate			



BEKA Schröder

Experts in lightability™

SABS
ISO 9001



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Designed and manufactured by BEKA Schröder (Pty) Ltd



LOCALLY
manufactured

2025-07

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