LINEAR LENSED FIXTURES

LED®

americanlite®

We light your world™

UL LISTED

DLC QPL LISTED PREMIUM

americanlite®

RLT Pro™

CCT & Power Selectable
25w / 40w / 80w

UL LISTED
DLC PREMIUM LISTED
Damp Location

IK06	LM79	LM80

Power Selectable	CCT Selectable	Lumens Up to 145LxW

Dim 0-10V	VOLTS 100-277	2kV Surge Protection

120° Beam Angle	CRI >80	SDCM <7

PF ≥.90	THD ≤20%	-20°C~50°C

100,000	5 YEAR Warranty
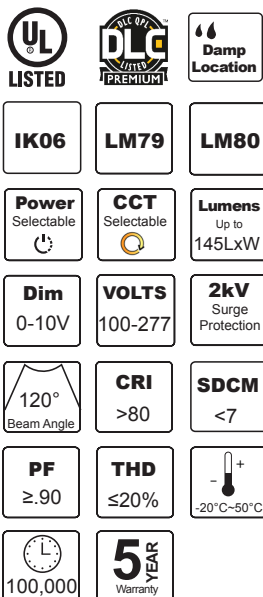
The RLT Pro™ Series is a fully integrated LED Round-Lensed Striplite™ solution that combines exceptional performance with a clean, architectural aesthetic. The RLT Pro™ delivers outstanding fixture efficiency, up to 145 lumens per watt. Designed in a sleek, low-profile housing, this high-quality luminaire utilizes our latest-generation solid-state lighting technology for superior energy efficiency and consistent performance.

The RLT Pro™ Series includes Selectable Lite™ technology, allowing users to adjust power output and color temperature at the flip of a switch to meet the specific needs of any space. Too warm, too cool, too bright? Simply toggle the built-in switch to your desired setting — quick, intuitive, and field-adjustable.

RLT Pro™ Series is one of the most versatile lensed strip. We offer plenty of options such as One of the most versatile strip lights in its class, the RLT Pro™ offers a wide range of options including Emergency Driver and Motion Sensor add-ons to create tailored configurations for your project. Multiple mounting options are available, including surface and pendant. It can also be installed in continuous rows.

The channel is fabricated from die-formed cold-rolled steel (>0.4mm) and features multiple knockouts for flexible, streamlined installation. A multistage iron phosphate pretreatment ensures durability and rust resistance. A high-reflective white enamel finish is applied post-fabrication. The polycarbonate diffuser features advanced optical design to deliver uniform light distribution and enhanced visual comfort. A safety cable connects both the fixture body and lens to prevent detachment, adding extra security in high-traffic or industrial environments.The long-life LED system is paired with a 0–10V dimming driver for superior lighting control. Available in 3000K, 4000K, and 5000K with a CRI >80, the RLT Pro™ delivers a projected lifeof over 100,000 hours at 70% lumen maintenance (L70).

The RLT Pro™ is ideal for commercial, industrial, and retail environments. Applications include storage and utility areas, coves, display cases, shops, task lighting, and general area lighting. Its clean profile also makes it a smart solution for architectural integration.

Dimensions (mm)
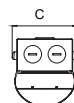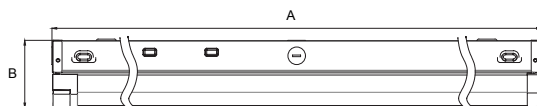
Model	A	B	C
2'	610	82.5	80
4'	1220	82.5	80
8'	2440	82.5	80

Ordering information

CCT & Power Selectable

Item	Power	Size	3000K	4000K	5000K
AL586610	25w	2'	3375	3625	3500
	20w	2'	2700	2900	2800
	15w	2'	1875	2175	2100
AL586611	40w	4'	5400	5800	5600
	30w	4'	4050	4350	4200
	20w	4'	2700	2900	2800
AL586612	80w	8'	10000	11600	11200
	70w	8'	9450	10150	9800
	60w	8'	8100	8700	8400

Accessories

AL586613	Hanging kit (v-hook & 1m chain)
AL586614	Pendant Mounting Linkable plate
AL586615	Surface Mounting Linkable plate
AL586616	MS Remote control
AL586617	Motion Sensor

Options

ER	ER Driver 9w/90 min (25w/40w)

Motion Sensor — Surface Mount Bracket (included) — Hanging kit Cable 1M — Pendant Mounting Linkable plate — Surface Mounting Linkable plate
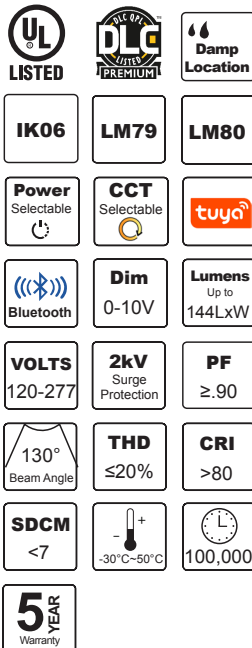
Notes

- Lumen and powe tolerance up to 10%
- Lumens:
  3000K = 135 lxw
  4000K = 145 lxw
  5000K = 140 lxw
- LED Chips = Lumileds 2835
- Flicker Free (<80%)
- IK06 = NO ER Driver

- PF Tolerance -3% @ ≥0.9
- THD Tolerance +5%
- Beam angle Tolerance ±10%
- Surge protection: L/N-PE:2kV,L-N:1kV
- Driver Brand = Fosen
- Housing = Iron >0.4mm thickness
- Diffuser Type: PC lens 1mm thickness

- 100,000 hours life @ Tc 65°C
- Operating Temperature:
  with Sensor: -20°C to 50°C
  with Emergency Power Supply: 0°C to 40°C
- ER Driver=Streamer # YH36-09WL-300
- MW Sensor=Merrytek # MC196D99
- RC x MW Sensor-Haisen #HB03R

- Maximum continuous row:
  25w = 18pcs
  40w = 11pcs
  80w = 6pcs

Packing information

Model	Pieces per master	Master Box Dimensions (cm)	CBM(Master)	Gross weight (Kg)
2'	12	127.5 x 26 x 20	0.0663	15.3
4'	6	125 x 26 x 20	0.0650	13
8'	6	247 x 26 x 20	0.1284	24.6

americanlite®

RLX Pro™

CCT Select / Single Power
CCT & Power Selectable
20w / 40w / 60w / 70w / 80w / 90w

UL LISTED
DLC PREMIUM
Damp Location

IK06	LM79	LM80

Power Selectable	CCT Selectable	tuya

Bluetooth	Dim 0-10V	Lumens Up to 144LxW

VOLTS 120-277	2kV Surge Protection	PF ≥.90

130° Beam Angle	THD ≤20%	CRI >80

SDCM <7	-30°C~50°C	100,000

5 YEAR Warranty

The RLX Pro™ Series is a fully integrated LED Round lensed Striplite™ solution that balances high performance and aesthetics. RLX Pro™ Series offers breakthrough fixture efficiency, up to 144 lumens per watt. Developed in a low-profile housing, this high-quality luminaire incorporates our latest generation solid-state lighting for optimal performance and energy efficiency.

RLX Pro™ Series offers the Selectable Lite™ , which provides the ability to change the power and CCT with the flip of a switch and cater to the needs of a space. Too warm or too cool? too bright? Simply toggle the integrated switch to your desired setting and you are done!

RLX Pro™ Series is one of the most versatile lensed strip. We offer plenty of options such as Emergency driver and Motions Sensor creating multiple combinations to enhance your project. RLX Pro™ mounting options such as surface or pendant. Can also be installed in continuous rows.

The channel is die formed cold rolled iron (0.6mm) with numerous KOs for ease of installation. Multistage iron phosphate pretreatment ensures maximum bonding and rust inhibitor. High reflective paint after fabrication, baked white enamel finish is standard; PC diffuser with advance optical design delivering an unparalleled combination of optimal light uniformity for enhanced visual comfort. With the safety cable attached to both, body and PC lens, we add security and stability, avoiding diffuser detachment. Long-Life LED system coupled with a 0-10V dimming driver to deliver optimal lighting performance. LED's available in 3000K, 3500K, 4000K, 5000K with a CRI > 80. Projected life is 100,000 + hours at 70% lumen output.

The RLX Pro™ is the perfect solution for commercial, industrial, retail applications; can be used in storage/utility areas, coves, display cases, shops, task and general area lighting. The size of the RLX Pro™ makes it an ideal choice for architectural applications.

Dimensions (mm)
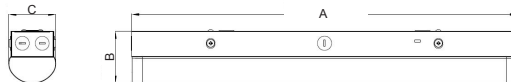
Model	A	B	C
2'	609	68	60
4'	1220	68	60
8'	2440	68	60

Ordering information

CCT Selectable

Item	Power	Size	CCT	Lumens
AL586604	20w	2'	3K/35K/4K/5K	2560/2760/2880/2700

CCT & Power Selectable

Item	Power	Size	3000K	3500K	4000K	5000K
AL586605	40w	4'	5120	5520	5760	5400
	30w	4'	3840	4140	4320	4050
	20w	4'	2560	2760	2880	2700
AL586606	60w	8'	7680	8280	8640	8100
	50w	8'	6400	6900	7200	6750
	40w	8'	5120	5520	5760	5400
AL586607	70w	8'	8960	9660	10080	9100
	60w	8'	7680	8280	8640	8100
	50w	8'	6400	6900	7200	6750
AL586608	80w	8'	10240	11040	11520	10800
	70w	8'	8960	9660	10080	9450
	60w	8'	7680	8280	8640	8100
AL586609	90w	8'	11520	12420	12960	12150
	80w	8'	10240	11040	11520	10800
	70w	8'	8960	9660	10080	9450

Accessories

AL586613	Hanging kit (v-hook & 1m chain)
AL586618	Pendant Mounting Linkable plate
AL586619	Surface Mounting Linkable plate
AL586630	Motion Sensor
AL586631	MS Remote control
AL586632	Bluetooth Microwave Sensor

Surface Mount Bracket (included)

Surface Mounting Linkable plate

Hanging kit Cable 1M

Pendant Mounting Linkable plate

Options

E1	ER 5w/90 min (20w/40w)
E2	ER 8w/90 min (60w-90w)

Notes

- Lumen and wattage tolerance ±10%
- Lumens:
  - 3000K = up to 128 lxw
  - 3500K = up to 138 lxw
  - 4000K = up to 144 lxw
  - 5000K = up to 135 lxw
- LED Chips = Lumileds 2835

- Flicker Free (<5%)
- PF Tolerance -3% @ ≥0.9
- THD Tolerance +5%
- Beam angle Tolerance ±15%
- Surge protection L/N-PE: 2kV, L-N: 2kV
- Diffuser Type: PC lens
- 5 pcs per carton, no inner box
- Safety Cable included as standard

- 100,000 hours life @ Tc 70°C
- Operating Temperature:
  - with Sensor: -20°C to 45°C
  - with Emergency Power Supply: 0°C to 40°C
- Maximum continuous row:
  - 20w = 50pcs, 40w = 20pcs,
  - 60w = 12pcs, 70w = 13 PCS
  - 80w = 11pcs, 90w = 10 PCS

- ER Driver=Bilda
  - 20w/40w #BLD-CM20H-1500400
  - 60w-90w #BLD-TM03N-120V
- MW Sensor=Haisen # #HB001VCR
- RC x MW Sensor=Haisen #HD03R
- BT=HBE # HB03DMS-A

Packing information

Model	Pieces per master	Master Box Dimensions (cm)	CBM(Master)	Gross weight (Kg)
2'	5	65 x 41 x 8.5	0.0230	18.5
4'	5	126 x 41 x 8.5	0.0440	18.8
8'	5	248 x 41 x 8.5	0.0.860	21

Warranty

Americanlite® is pleased to provide a 5 year limited warranty covering the LED fixtures on this catalogue. Americanlite® warrants that the LED fixtures comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, ETL or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.