LED®

LINEAR LENSED FIXTURES

americanlite ®

We light your world™

americanlite®

RLX Pro™

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

UL LISTED **DLC PREMIUM**

Damp Location	IP40	IK06
LM79	LM80	VOLTS 120-277
Power Selectable	CCT Selectable 3K/4K/5K	Lumens Up to 144LxW
CRI >80	PF ≥.90	THD ≤20%
Dim 0-10V	130° Beam Angle	2kV Surge Protection
SDCM <7	100,000	-30°C~50°C

5 YEAR Warranty
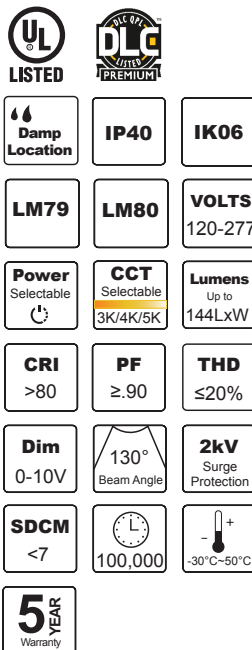
The RLX Pro™ Series is a fully integrated LED Round lensed Striplite™ solution that balances high performance and aesthetics. RLX Pro™ Series offers breakthrough fixture efficiency, up to 144 lumens per watt. Developed in a low-profile housing, this high-quality luminaire incorporates our latest generation 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, 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)
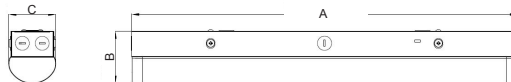
Model	A	B	C
2'	609	68	60
4'	1220	68	60
8'	2440	68	60

Ordering information

CCT Selectable

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

CCT & Power Selectable

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

Options

- **H** Hanging kit (v-hook & 1m chain)
- **L** Hanging connection plate
- **S** Surface mount connection plate
- **E1** ER 5w/90 min (20w/40w) (BLD-CM20H-1500400)
- **E2** ER 8w/90 min (60w-90w) (BLD-TM03N-120V)
- **MS** Motion Sensor (#HB001VCR)
- **R** MS Remote control (#HD03R)

Mounting Bracket

Surface Mount Connection

Hanging kit Cable 1M

Hanging Connection

Notes

- Lumen and wattage tolerance ±10%
- Lumens:
  3000K = up to 128 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
- 100,000 hours life @ Tc 70°C
- Safety Cable included as standard
- 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

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

americanlite®

RLS Pro™

CCT & Power Selectable
20w / 30w / 40w / 70w

UL LISTED

Damp Location	IP40	IK05
LM79	LM80	VOLTS 120-277
Power Selectable	CCT Selectable 3K/4K/5K	Lumens Up to 135LxW
CRI >80	PF ≥.90	THD ≤20%
Dim 0-10V	130° Beam Angle	2kV Surge Protection
SDCM <6	80,000	-+ -20°C~45°C

5 YEAR Warranty

The RLS Pro™ Series is a fully integrated LED Round lensed Striplite™ solution that balances high performance and aesthetics. RLS Pro™ Series offers breakthrough fixture efficiency, up to 135 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.

RLS 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!

RLS Pro™ Series is one of the most versatile lensed strip. We offer plenty of options such as Emergency driver, DC Motions Sensor, AC PIR Motion Sensor, creating multiple combinations to enhance your project. RLS 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, 4000K, 5000K with a CRI > 80. Projected life is 80,000 + hours at 70% lumen output.

The RLS 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 RLS Pro™ makes it an ideal choice for architectural applications.

Dimensions (mm)
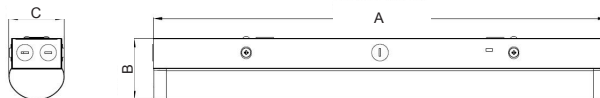
Model	A	B	C
2'	610	82.5	74.5
4'	1220	82.5	74.5
8'	2440	82.5	74.5

Ordering information

Single CCT

Item	Power	Size	CCT	Lumens
AL586601	30w	4'	4K	4500

CCT Selectable

Item	Power	Size	CCT	Lumens
AL586600	20w	2'	3K/4K/5K	2300/2700/2600

CCT & Power Selectable

Item	Power	Size	3000K	4000K	5000K
AL586603	40w	4'	4600 lm	5400 lm	5200 lm
	30w	4'	3450 lm	4050 lm	3900 lm
	20w	4'	2300 lm	2700 lm	2600 lm
AL586602	70w	8'	8050 lm	9450 lm	9100 lm
	60w	8'	6900 lm	8100 lm	7500 lm
	50w	8'	5750 lm	6750 lm	6500 lm

Options

H	Hanging kit (v-hook & 1m chain)
L	Hanging connection plates
S	Surface mount connection plate
M	DC Motion sensor (#HD016VCR 8)
P	AC PIR Motion Sensor (#BRI189P-B-O)
E1	ER 4w/90 min (20w) (BLD-FM04E-600400)
E2	ER 8w/90 min (40w 70w) (BLD-CM20E-480800)
MS	Motion Sensor RC (#HD03R)
S1	SPD 10Kv

Mounting Bracket Included   Surface Mount Connection plate   Hanging kit Cable 1M   Hanging Connection plate

Notes

- Lumen and wattage tolerance ±10%
- PF Tolerance -3% @ ≥0.9
- THD Tolerance +5%
- Beam angle Tolerance ±15%
- L/N-PE: 2kV, L-N: 1kV

- Color Consistency <6 Steps @3000K/5000K
- Maximum continuous row: 20W 50pcs, 40W 20pcs, 70W 10pcs.
- 80,000 hours life @ <Tc 55°C
- Safety Cable included as standard
- 5 pcs per carton, no inner box

Packing information

Model	Pieces per master	Master Box Dimensions (cm)	CBM(Master)	Gross weight (Kg)
2'	5	68 x 39.5 x 10.5	0.0282	6.3
4'	5	129 x 39.5 x 10.5	0.0535	10.2
8'	5	251 x 39.5 x 10.5	0.104	18.5

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.