

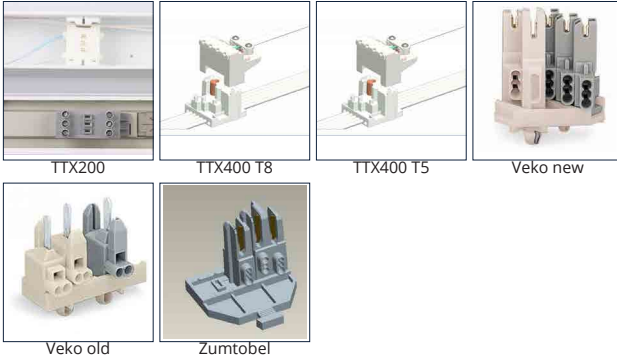
## KEY FEATURES

RetroLine has been developed for each brand of light line system with plug & play connectors and safety clips, simple and above all fast installation. This allows a replacement up to 20 luminaires per hour!

The 1500mm module is suitable for replacing existing light line systems with T8 or T5 tubes with outputs of 2x80W / 2x70W / 2x58W / 2x49W / 1x58W and 1x49W. Due to the Osram LED Driver with adjustable mA, the light intensity can be adjusted as needed. The lumen / watt ratio (efficacy) is 150 lm/w, which guarantees high performance and efficiency.



## DETAILS

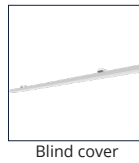


**5** PRAGMALUX  
YEAR  
WARRANTY

## OPTIONS



## ACCESSORIES



Blind cover

## SPECIFICATIONS (ACCORDING TO EN IEC 62722-2-1)

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	LIFETIME L90B50	EQUIVALENT	BEAM ANGLE
4103570	RetroLine LED Module for Norton NLS-R36 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Norton NLS-R36	90°
4103880	RetroLine LED Module for Norton NLS-R36 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Norton NLS-R36	90°
4103710	RetroLine LED Module for Norton NLS-R36 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Norton NLS-R36	90°
4103020	RetroLine LED Module for Norton NLS-R58 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Norton NLS-R58	90°
4103330	RetroLine LED Module for Norton NLS-R58 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Norton NLS-R58	90°
4103260	RetroLine LED Module for Norton NLS-R58 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Norton NLS-R58	90°
4163800	RetroLine LED Module for Norton NLS-T5 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Norton NLS-T5	90°
6956450	RetroLine LED Module for Philips TMX204-T8 58W 5000K 90D	60	9000	150	5000	54000	Philips TMX204-T8	90°
4102580	RetroLine LED Module for Philips TTX200-36W 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Philips TTX200-36	90°
4102890	RetroLine LED Module for Philips TTX200-36W 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Philips TTX200-36	90°
4102720	RetroLine LED Module for Philips TTX200-36W 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Philips TTX200-36	90°
4102030	RetroLine LED Module for Philips TTX200-58W 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Philips TTX200-58	90°
4102340	RetroLine LED Module for Philips TTX200-58W 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Philips TTX200-58	90°
4102270	RetroLine LED Module for Philips TTX200-58W 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Philips TTX200-58	90°
4101590	RetroLine LED Module for Philips TTX400-T5 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Philips TTX400-T5	90°
4101800	RetroLine LED Module for Philips TTX400-T5 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Philips TTX400-T5	90°
4101730	RetroLine LED Module for Philips TTX400-T5 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Philips TTX400-T5	90°
4101040	RetroLine LED Module for Philips TTX400-T8 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Philips TTX400-T8	90°
4101350	RetroLine LED Module for Philips TTX400-T8 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Philips TTX400-T8	90°
4101280	RetroLine LED Module for Philips TTX400-T8 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Philips TTX400-T8	90°
4107080	RetroLine LED Module for Regiolux SDT 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Regiolux SDT	90°
4107220	RetroLine LED Module for Regiolux SDT 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Regiolux SDT	90°
4107150	RetroLine LED Module for Regiolux SDT 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Regiolux SDT	90°
4107390	RetroLine LED Module for Regiolux SMT 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Regiolux SMT	90°
4107530	RetroLine LED Module for Regiolux SMT 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Regiolux SMT	90°
4107460	RetroLine LED Module for Regiolux SMT 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Regiolux SMT	90°
4106470	RetroLine LED Module for Ridi VLG-T5 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Ridi VLG-T5	90°
4106610	RetroLine LED Module for Ridi VLG-T5 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Ridi VLG-T5	90°

## PRAGMALUX

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Version: May 2021

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	LIFETIME L90B50	EQUIVALENT	BEAM ANGLE
4106540	RetroLine LED Module for Ridi VLG-T5 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Ridi VLG-T5	90°
4106160	RetroLine LED Module for Ridi VLG-T8 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Ridi VLG-T8	90°
4106300	RetroLine LED Module for Ridi VLG-T8 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Ridi VLG-T8	90°
4106230	RetroLine LED Module for Ridi VLG-T8 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Ridi VLG-T8	90°
4105860	RetroLine LED Module for Ridi VLT5 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Ridi VLT5	90°
4106090	RetroLine LED Module for Ridi VLT5 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Ridi VLT5	90°
4105930	RetroLine LED Module for Ridi VLT5 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Ridi VLT5	90°
4105550	RetroLine LED Module for Ridi VLT8 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Ridi VLT8	90°
4105790	RetroLine LED Module for Ridi VLT8 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Ridi VLT8	90°
4105620	RetroLine LED Module for Ridi VLT8 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Ridi VLT8	90°
4108520	RetroLine LED Module for Siteco DUS 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Siteco DUS	90°
4108760	RetroLine LED Module for Siteco DUS 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Siteco DUS	90°
4108690	RetroLine LED Module for Siteco DUS 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Siteco DUS	90°
4108830	RetroLine LED Module for Siteco Mod 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Siteco Mod	90°
4109060	RetroLine LED Module for Siteco Mod 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Siteco Mod	90°
4108900	RetroLine LED Module for Siteco Mod 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Siteco Mod	90°
4104320	RetroLine LED Module for Trilux T5E 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Trilux T5E	90°
4104560	RetroLine LED Module for Trilux T5E 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Trilux T5E	90°
4104490	RetroLine LED Module for Trilux T5E 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Trilux T5E	90°
4104010	RetroLine LED Module for Trilux T8E 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Trilux T8E	90°
4104250	RetroLine LED Module for Trilux T8E 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Trilux T8E	90°
4104180	RetroLine LED Module for Trilux T8E 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Trilux T8E	90°
4100050	RetroLine LED Module for Veko PNR-New 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Veko PNR-New	90°
4100360	RetroLine LED Module for Veko PNR-New 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Veko PNR-New	90°
4100290	RetroLine LED Module for Veko PNR-New 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Veko PNR-New	90°
4100500	RetroLine LED Module for Veko PNR-Old 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Veko PNR-Old	90°
4100810	RetroLine LED Module for Veko PNR-Old 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Veko PNR-Old	90°
4100740	RetroLine LED Module for Veko PNR-Old 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Veko PNR-Old	90°
4164410	RetroLine LED Module for Zumtobel Tecton 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Zumtobel Tecton	90°
4164580	RetroLine LED Module for Zumtobel Tecton 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Zumtobel Tecton	90°
4104630	RetroLine LED Module for Zumtobel ZX1 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Zumtobel ZX1	90°
4104870	RetroLine LED Module for Zumtobel ZX1 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Zumtobel ZX1	90°
4104700	RetroLine LED Module for Zumtobel ZX1 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Zumtobel ZX1	90°
4105240	RetroLine LED Module for Zumtobel ZX2-T5 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Zumtobel ZX2-T5	90°
4105480	RetroLine LED Module for Zumtobel ZX2-T5 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Zumtobel ZX2-T5	90°
4105310	RetroLine LED Module for Zumtobel ZX2-T5 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Zumtobel ZX2-T5	90°
4104940	RetroLine LED Module for Zumtobel ZX2-T8 60W 5000K 90D 9000lm	60	9000	150	5000	54000	Zumtobel ZX2-T8	90°
4105170	RetroLine LED Module for Zumtobel ZX2-T8 60W 5000K 90D 9000lm EM	60	9000	150	5000	54000	Zumtobel ZX2-T8	90°
4105000	RetroLine LED Module for Zumtobel ZX2-T8 60W 5000K 90D 9000lm QB	60	9000	150	5000	54000	Zumtobel ZX2-T8	90°

## TECHNICAL DATA

### ELECTRICAL DATA

Voltage (V)	220-240
Frequency (Hz)	50/60
Power factor (λ)	≥0.98
Operating mode	Integrated LED Driver
Electrical connection	Max 3x2,5 mm <sup>2</sup> wire
Total harmonic distortion	≤ 20 %

### TEMPERATURES & OPERATING CONDITIONS

Ambient temperature	25°C
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### COLORS & MATERIALS

Color ( Housing)	White
Material ( Housing)	Aluminum
Material ( Reflector)	PC

### CERTIFICATES & STANDARDS

Driver certificates	CE
Fixture certificates	CE
Ingress protection	IP40
Protection class	I
Protection class IK	02
Glow Wire Test ( IEC 695-2-1)	650°C
IEC	EN IEC 62722-2-1
LM80 (TM21 /) L90B50 (hours)	>50,000

### CAPABILITIES

Dimmable	No
Type of connection	Connector
LED Module replacable	No