

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.

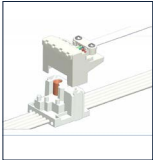
- Long lifetime L80B10 100.000h L90B50 >54.000h
- 100% suitable for the existing trunking rail systems
- No needed to re-wiring
- Osram Driver (100.000h-Flicker free) 4 in 1: 30W (4500lm), 40W (6000lm), 50W (7500lm) and 60W (9000lm)
- Available under request: 30°/60° beam, Emergency kit, Dali and other light colour (kelvin 830,840,860)



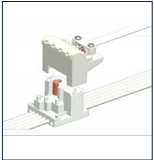
DETAILS



TTX200



TTX400 T8



TTX400 T5



Veko new



Veko old

IP40 IK02



650 GWT

150 LM/W



KEMA KEUR



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
1003320	RetroLine LED Module for Norton NLS-R58 60W 4000K 90D 9000lm	60	9158	>150	4000	54000	Norton NLS-R58	90°
1110720	RetroLine LED Module for Norton NLS-T5 60W 4000K 90D 9000lm	60	9158	>150	4000	54000	Norton NLS-T5	90°
1001333	RetroLine LED Module for Veko PNR-New 60W 4000K 90D 9000lm	60	9158	>150	4000	54000	Veko PNR-New	90°
1001333	RetroLine LED Module for Veko PNR-New 60W 4000K 90D 9000lm	60	9158	>150	4000	54000	Veko PNR-New	90°
1002682	RetroLine LED Module for Philips TTX200-58W 60W 4000K 90D 9000lm	60	9158	>150	4000	54000	Philips TTX200-58	90°
1002040	RetroLine LED Module for Philips TTX400-T8 60W 4000K 90D 9000lm	60	9158	>150	4000	54000	Philips TTX400-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 ² 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

ITEM CODE	DESCRIPTION	DRIVER FAILURE RATE AT 5,000H	MAX. NO. OF DRIVERS ON MCB TYPE B 10A	MAX. NO. OF DRIVERS ON MCB TYPE B 16A	MAX NO.OF DRIVERS ON MCB TYPE C 10A	MAX. NO. OF DRIVERS ON MCB TYPE C 16A
-	RetroLine LED Module for... - 30W	≤1%	24	41	38	65
-	RetroLine LED Module for... - 40W	≤1%	18	31	30	50
-	RetroLine LED Module for... - 50W	≤1%	15	26	25	42
-	RetroLine LED Module for... - 60W	≤1%	13	22	21	35