

SchoolVision TBS478, recessed

TBS478 3x54W/827/452 HFD ND AC-MLO W

TBS478 - 3 pcs - 54 W - HF DALI - Without diffuser element - Acrylate micro-lens optic

This recessed luminaire is part of our SchoolVision lighting concept – the only energy-efficient lighting solution that has proven to increase the learning performance of children and students. It is designed to fit in a wide range of modular ceiling types and plaster ceilings.Highly energy-efficientSchoolVision luminaires use energy-efficient MASTER TL5 lamps and electronic ballasts. Moreover, SchoolVision utilizes controls with integrated daylight sensing and presence detection. This makes the overall solution highly energy-efficient, enabling the lowest possible energy consumption and a significant reduction in CO^2 emissions.SchoolVision – a powerful Dynamic Lighting solutionSchoolVision recessed TBS478 is a Dynamic Lighting luminaire, which can provide the various lighting settings that are needed to give children the best learning experience. Thanks to its integrated micro-lens optic (MLO) technology, it creates a true "surface of light", which makes it a very comfortable solution. If you would like to know more about SchoolVision, please go to www.philips.com/schoolvision.

Product data

• General information

Product family code	TBS478 [TBS478]
Number of lamps	3 [3 pcs]
Lamp family code	TL5 [TL5]
Lamp power	54 W [54 W]
Lamp color code	452/827/452 [452 ActiViva Active, 827 warm white and 452 ActiViva Active]
Kombipack	K [Lamp(s) included]
Gear	HFD [HF DALI]
Top reflector	No [-]
Optics	No [-]
Optical element	ND [Without diffuser element]
Optical cover	AC-MLO [Acrylate micro-lens optic]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	No [-]
Connection	W [Plug-in connector 3-pole Wieland/Adels]
Cable	No [-]
Safety class	CLI [Safety class I]
IP code	IP40 [Wire-protected]
IK code	IK02 [0.2 J standard]
Air-handling	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

• Product Data

Order code	910501949403
Full product code	910501949403
Full product name	TBS478 3x54W/827/452 HFD ND AC-MLO W
Order product name	TBS478 3x54W/827/452 HFD ND AC-MLO W
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8717943908455
Logistic code(s) - 12NC	910501949403

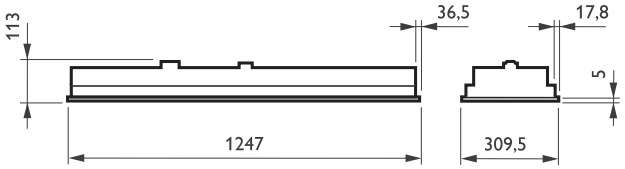
PHILIPS

SchoolVision TBS478, recessed

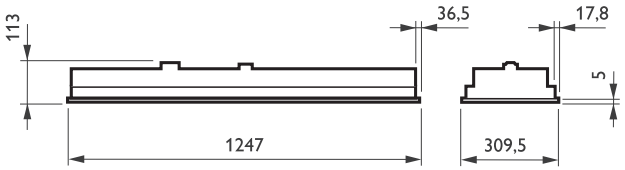
Net weight per piece 7.900 kg

IP 40 IK 02 650°C F

Dimensional drawing



TBS478 3x54W/827/452 HFD ND AC-MLO W



TBS478 3x54W/827/452 HFD ND AC-MLO W

© 2013 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2013, August 3
data subject to change

SmartForm TBS461/471

ZBS461 SMB-PLC (1 set = 4PCS)



Ceiling mounting bracket for plaster ceiling

Brackets for plaster ceilings

Product data

- General information

Product family code	ZBS461 [ZBS461]
Suspension accessories	SMB-PLC [Ceiling mounting bracket for plaster ceiling]
Packaging configuration	(4PCS) [4 pieces]

- Product Data

Order code	910403203803
Full product code	910403203803
Full product name	ZBS461 SMB-PLC (1 set = 4PCS)
Order product name	ZBS461 SMB-PLC (1 set = 4PCS)
Pieces per pack	1
Packs per outerbox	25
Bar code on pack - EAN1	8727900641776
Bar code on outerbox - EAN3	8727900641783
Logistic code(s) - 12NC	910403203803
Net weight per piece	0.110 kg

PHILIPS