Tukky Lamp High-bay Series – Data Sheet

| Tukky lamp > LED luminaires > High-bay Series | Doc No.: TD-211009A | Date: 06.10.21 |
| | Revision: 01 | Status: draft |

Product group: **Tukky Lamp**
Category: **LED Luminaires**
Series: **Highbay Modular High Power Lighting Modules**

Types: IoT smart lamp (I)
Base models: 50W: TLSB-AC-50W
Variations: Power supply: AC 220V
W/module: 50W
Colors: CW,PW,WW,FS,FSW,R,G,B,Y,RGB,UV
Lens: PC 90°, PC 110°, glass (s. lens model
                      number)
Lumens: PW 5,000 lm @ 50W (DC model)

Indoor and outdoor applications

- General highbay lighting
- Loading docks and ramps
- Assembly areas
- Machine rooms
- Data center
- Storage rooms

Features and Advantages

- Highly effective light output with >90 lm/W

- Long life COB up to 25,000 hours in typical indoor settings

- Smart IoT model using 10 units WiFi group controller

- Integrated luminaries with advanced thermal design for extended component life-time featuring a massive 2kg anodized Aluminium heatsink and body

- Service friendly innovative DIN-rail mouting: install, add and exchange in less than a minute

- Green modular design – **repairable, serviceable**, upgradable, recyclable: no need to throw away large LED luminaires anymore – just unmount the module for service

- Environmentally friendly: reduce electronic waste, no harmful materials such as lead or mercury (unlike CFLs)

- rugged outdoor design and advanced 6-stage surge protection

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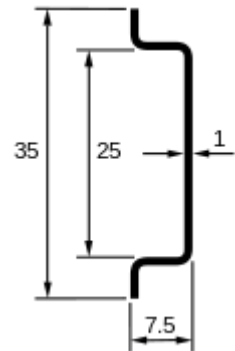| Tukky lamp > LED luminaires > High-bay Series | Doc No.: TD-211009A | Date: 06.10.21 |
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Specifications

- ➢ LED configuration: Chip on board (COB) 50W optimized for tropical climates and industrial use

- ➢ WiFi IoT control box for 10 lighting units included in pack of 10 pcs. (MQTT protocol support)

- ➢ Voltage requirements:
  - 195 – 220 VAC (AC model)

- ➢ Mounting type: IEC/EN 60715 DIN-rail (35 mm industry standard), TS35

- ➢ Available in a wide variety of colors:
  Pure white (PW): Color temperature 6000K, CRI 80
  Warm white (WW): Color temperate 3000K, CRI 80
  Full spectrum white (FSW): Color temperate 4700-5200K, CRI 96
  On special order: RGB, red (R), green (G), blue (B), yellow (Y), UV, IR

- ➢ Beam angle standard lens: 90°

- ➢ Dimensions: 200 mm L x 160 mm W, 80mm H

- ➢ Weight: 2kg

- ➢ Warranty: 3 years

Order codes: TLHB-AC220V-50W-I-CW-PC90°

TLSB-{voltage}-{Power}W-{Type}-{Color}-{Lens}

Series	AC220V	50: 50W	S: standard	PW: pure white	PC 90°
TLSB	DC12V	100: 100W	A: automatic	WW: warm white	Glass 90°
TLHB	MPPT: solar	150: 150W	D: dimmable	FS: growth light magenta	Glass 120°
			I: IoT (smart)	FSW: full spectrum white	Glass 30°
				R: red	Special
				G: green	
				B: blue	
				Y: yellow	
				RGB: RGB programmable	
				UV: Ultraviolet	