PLD

Full-Color Passenger Information LED Display

The PLD is a full-color LED display designed to provide passengers with arrival and departure times, service updates and travel information at railway stations and bus stops. Designed for mounting on cantilever arms or beneath platform and bus stop canopies, it is available in 49.1″ and 72.1″ sizes. SMD Black-Body RGB technology with a 2.5 mm pixel pitch delivers detailed text, pictograms and graphics, with enhanced contrast and wide viewing angles. Brightness up to 4,000 nits ensures clear visibility in outdoor conditions, while the robust enclosure supports continuous 24/7 operation.



Highlights

- SMD Black-Body RGB LED technology
- 2.5 mm pixel pitch
- Full-color display with 16.7 million colours
- Brightness up to 4,000 nits
- Wide viewing angles: >140° horizontal / 140° vertical
- 100,000-hour LED lifespan
- Continuous operation: 24/7/365

Environment

- Outdoor
- IP65 (NEMA 4X) protection against dust and water
- IK10 impact resistance
- Operating temperature: –20°C to +40°C
- Relative humidity: 10–90% RH

Structure

- Aluminium enclosure with epoxy powder coating
- Anti-reflective, vandal-resistant glass (3 + 3 mm)
- Standard black finish (RAL 9004)
- Designed for mounting on cantilever arms or beneath canopies

Size



49.1″ 72,1″

DUST RESISTANT

SUNLIGHT RESISTANT

SNOW RESISTANT

WATER RESISTANT

RoHS 2

CE

Technical Specifications

PIDs and Monitors for public transport

	PLD	
	PLD.49D25	**PLD.72D25**
General		
Screen size (inch)	49.1''	72,1''
Screen active area (cm)	**120 × 34 (W × H)**	**180 × 34 (W × H)**
Screen resolution (pixel)	480 × 136	720 × 136
Led Technology	**SMD Black-Body - RGB**	**SMD Black-Body - RGB**
Pixel pitch	2,5 x 2,5 mm (HxV)	2,5 x 2,5 mm (HxV)
Display Colors	RGB full colour; 16,777,216 colours (8-bit)	RGB full colour; 16,777,216 colours (8-bit)
Display brightness (nit)	up to 4000 nit	up to 4000 nit
Viewing angle (H/V)	>140° / 140° (H/V)	>140° / 140° (H/V)
System operation	24/7/365	24/7/365
Life cycle	100.000 hours	100.000 hours
Environment		
Environment protection	Outdoor IP65 (Nema 4X)	Outdoor IP65 (Nema 4X)
Sun exposure	-30°C / +40°C (+50°C without sunlight)	-30°C / +40°C (+50°C without sunlight)
Operating temperature	-20°/+40°	-20°/+40°
Environment humidity	10–90% RH	10–90% RH
Antivandal protection	IK10	IK10
Enclosure		
Enclosure material	Aluminium; epoxy powder coating	Aluminium; epoxy powder coating
Glass	Antivandal glass (3mm + 3mm)	Antivandal glass (3mm + 3mm)
Glass reflection	Anti-reflective	Anti-reflective
Standard enclosure color	Black (RAL9004)	Black (RAL9004)
Standard glass color	Black (RAL9004)	Black (RAL9004)
Power		
Vac supply	230V AC +/- 10% 50Hz	230V AC +/- 10% 50Hz
Power consumption (typ)	318 W @ 2500nits	419 W @ 2500nits
Dimensions		
Height (cm)	48	48
Width (cm)	134	194
Depth (cm)	18	18
Weight (Kg)	60	80


Central Station
tpl
8 Castello
60 Duomo
7 min
17 Linate
5 min
60 Duomo
7 min
TAP!
10