

**PRACHT®**

**"THERE WILL NEVER BE ANY COMPROMISE  
IN THE QUALITY OF MY PRACHT LUMINAIRES."**

Alfred Pracht, founder, 1963

# BERNINA LED

**PUBLIC TRANSPORTATION**

**STATIONS**

**UNDERPASSES**

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**PRACHT®**



**UP TO  
147  
LUMEN/WATT**

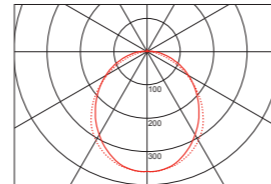
# BERNINA LED

**EXTENSIBLE DURABLE DECORATIVE EFFICIENT LOW MAINTENANCE**  
**TOUGH VERY LOW PROFILE HOMOGENOUS LIGHT OUTPUT ROUNDED**

## BERNINA LED, PRACHTOPAL

Single-lamp, Color temperature 4000K, Wide beam

Power	P/N	Length	Luminous Flux	Weight
1x27 W	70 * 3914	1274 mm	3917 lm	6.4 kg
1x34 W	70 * 3924	1274 mm	4782 lm	6.4 kg
1x42 W	70 * 3934	1274 mm	5560 lm	6.4 kg
1x49 W	70 * 3944	1274 mm	6303 lm	6.4 kg
1x33 W	70 * 3915	1574 mm	4897 lm	7.4 kg
1x42 W	70 * 3925	1574 mm	5977 lm	7.4 kg
1x52 W	70 * 3935	1574 mm	6950 lm	7.4 kg
1x61 W	70 * 3945	1574 mm	7878 lm	7.4 kg



Wide beam

**HOUSING** Polyester, white, glass fibre reinforced, substantially acid and alkali resistant.

**LAMP HOLDER END PIECES** Single piece push-fit lamp holders made of PBT.

**SOCKET** Two-slot plug-in socket with silver plated contacts.

**LAMP COVER** Prachtopal (impact resistant).

**SEALS** Short, ageing resistant silicone seals.

**ELECTRICAL COMPONENTS** High performance LED, internal converter

**THROUGH-WIRING** 7x2.5 mm<sup>2</sup> max.

**INSTALLATION** Variable mounting points through PRACHT clip system made of stainless steel. Suited as surface mounted or recessed luminaire, pendant and horizontal wall mounting.

**SERVICES TRUNKING INSTALLATION** Ceiling, pendant, wall and corner mounting.

**FIELDS OF APPLICATION** Public transport facilities, public underpasses with narrow ceilings, paneled ceilings module 100, parking garages, canopies, platforms, lighting tube systems.

### COMPARISON OF LIGHTING EFFICIENCY BERNINA T8 1x58W VVG vs BERNINA LED 33W

Sample calculation, public underpass, L 50m, B 4m, LPH 2,70 m; average illuminance: 100 lx

Luminaire	Uniformity (U0)	Amount of luminaires	Maintenance factor	Total power	Luminous flux	Luminous efficacy	Efficiency of the luminaire
BERNINA T8 1x58W VVG	0.53	11	0.67	704 W	57200 lm	69.79 lm/W	85.90 %
BERNINA LED 1x33W	0.63	9	0.75	301 W	44073 lm	146.62 lm/W	100.00 %

**5  
YEAR  
WARRANTY**

**UP TO  
100.000 h  
LIFETIME**

**ENERGY  
EFFICIENCY  
CLASS  
A++**

**-20°C ... +40°C**

**PRALUX  
mirror technology**

**LED**

**NOTE**

Please replace the asterisk \* by the digit provided to complete the order code!

Dimmable versions available on request.

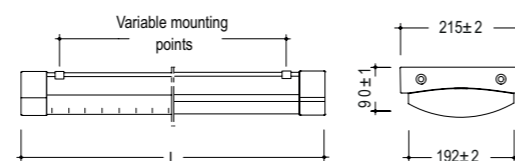
Also available with different services trunking systems.

**COMPLEMENTARY CODES FOR THROUGH-WIRING:**  
 Without through-wiring  
 Through-wiring 3x1.5 mm<sup>2</sup> = 10A  
 Through-wiring 5x2.5 mm<sup>2</sup> = 16A  
 ECG DALI DIM possible

**Digit Surcharge**  
 \* = 0 -  
 \* = 3 On demand  
 \* = 8 On demand



Protection class I (standard) or Protection class II in accordance with VDE 0711/EN 60598  
 Ingress protection IP65  
 Dustproof, water jet proof, 230V/50Hz



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