DATA SHEET

PxArt+ Mono

Catalog number: **PX393**

Table showing the differences between the versions PX393:

PxArt+ Mono	CRI (min.)	CCT (K)**	Brightness (lm)
PX393-X30	95	3000	1090
PX393-930*	90	3000	1850
PX393-950	90	5000	2215
PX393-830	80	3000	2385
PX393-850	80	5000	2420

* highlighted version is available as standard, others on request
** other values are available on request

Product description

PxArt + Mono is a professional LED illuminator designed to illuminate museum and exhibition displays.

By using the latest semiconductor light sources SSL LED COB type and advanced control electronics, a high-class illuminator has been created that meets very high requirements concerning museum and exposition lighting. Its most important advantages include the total lack of ultraviolet radiation, trace amounts of infrared radiation, very high CRI colour rendering index, high brightness and low energy consumption.

The device has a handle that allows for its installation to GLOBAL Trac Pulse control current rails which have an additional control line.
An individual address assigned to each lamp enables the regulation of brightness independently from settings of other lamps.
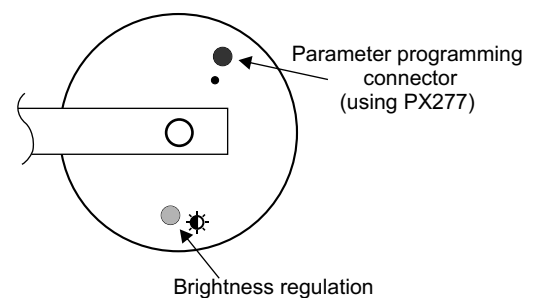The button on the lamp housing also allows for manual control (e.g. when the lamp is connected to the current rail without control lines).
The lamp has high-efficiency LEDs and an effective control system thanks to which the lamp emits small amounts of heat. The lamp housing makes it possible to change the lighting direction on two axes.

Technical Data

Type:	PX393
Power:	230 V AC
Number of LEDs:	1 (COB)
Power input:	27 W
PF (power factor):	0,94
Max. increase of the housing temp.:	+ 50° C
Luminous flux:	1850 lm in the standard available version (1090÷2420 lm in versions on request)
Lifetime of diodes:	50 000 h
Angles of reflectors:	15°, 36°, 51°
Colour temperature:	3000 K the basic version (3000÷4500 K - versions on request)
Brightness regulation extension:	0÷100%
CRI colour rendering index:	min. 90 for the basic version (80-95 depending on the version of colour temp.)
Control protocol:	DMX-512 / RDM
Available housing colours:	Grey, black and white
Weight:	1,3 kg

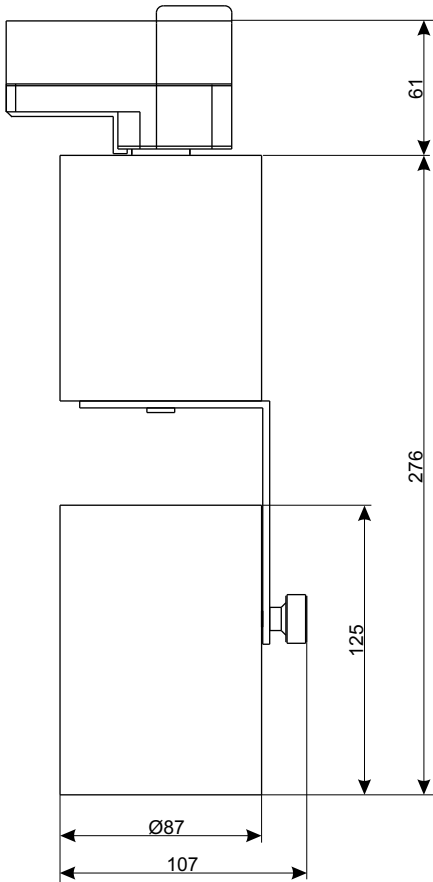Manual control button and socket for programming the lamp parameters

Parameter programming connector (using PX277)

Brightness regulation

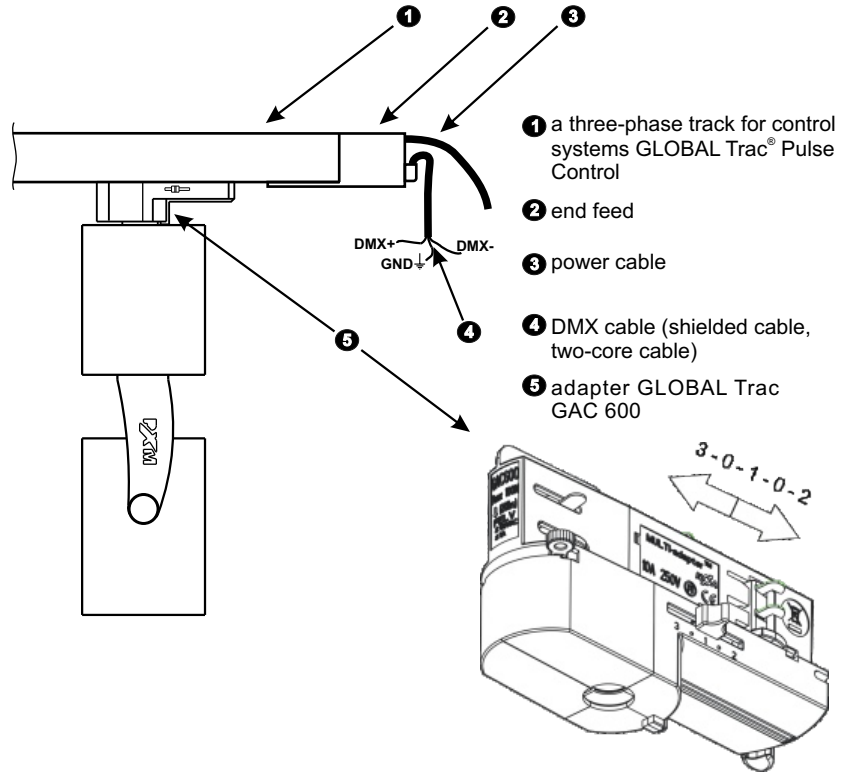|	
Smooth function:	YES
Number of control channels:	1 (brightness)
Fixing:	GLOBAL Trac® Pulse Control
Manual control:	YES
Dimensions:	Width: 107 mm Height: 276 mm Diameter of the reflector: 86 mm

* An user is entitled to replace the reflector on their own, with the other that complies with their requirements. The other reflectors need to be ordered separately

Technical drawing

Ø87

107

Dimensions in millimetres

Connection scheme

DMX+   DMX-
GND

❶ a three-phase track for control systems GLOBAL Trac® Pulse Control

❷ end feed

❸ power cable

❹ DMX cable (shielded cable, two-core cable)

❺ adapter GLOBAL Trac GAC 600

3 - 0 - 1 - 0 - 2

Light distribution

Parameters lights:

Beam angle

15°

1580 lx — Ø 0,79m

3850 lx — Ø 0,53m

12850 lx — Ø 0,26m

3m / 2m / 1m

36°

495 lx — Ø 1,95m

1050 lx — Ø 1,3m

3950 lx — Ø 0,65m

3m / 2m / 1m

51°

305 lx — Ø 2,86m

750 lx — Ø 1,91m

2900 lx — Ø 0,95m

3m / 2m / 1m