



StyliD PerfectBeam – endless possibilities to shape light

StyliD PerfectBeam

StyliD PerfectBeam has been developed specifically for museum applications. It strikes the perfect balance between presenting art and preserving it, between ever-changing exhibitions and the need for low maintenance and energy efficiency. The often conflicting demands for good visibility and conservation are now being met with LED lighting that emits no harmful UV or IR radiation. StyliD PerfectBeam presents works of art in their true colours, subtly attracting the viewer's eye, making it easy to see, interpret and appreciate masterpieces down to the smallest detail. It enables you to use light to evoke emotions and create an unforgettable museum experience. Its modular design, variable beam, beam shaping accessories and onboard dimming ensure maximum flexibility to cope with changing exhibitions and lighting needs, now and in the future.

Benefits

- Superior light quality – making visible what the artist intended
- Optimal art preservation – protecting precious exhibits
- Maximum beam flexibility – adapting to changing exhibition needs

Features

- Variable Spot (7 through 43°) and Framing Projector options
- Modular design with beam shaping accessories, easy to adapt
- Patented technology for superior beam uniformity in the Variable Spot
- Product design inspired by precision optics like camera lenses
- No UV or IR radiation that is harmful to precious exhibits
- High colour rendering: CRI 90+
- Minimal glare

Application

- Museums (paintings, sculptures, other works of art)
- High-end fashion/retail

Specifications

Type	ST741T (Variable Spot version)
	ST742T (Framing Projector version)
Light source	LED module
Power	21 W
Beam angle	ST741T: 7 to 43°
	ST742T: 30°
Luminous flux	ST741T: 450 to 660 lm (for 3,000 K)
	ST742T: 240 lm (for 3,000 K)
Correlated Colour	2,700 K
Temperature	3,000 K
	Other colour temperatures available on request
Colour Rendering Index	> 90
Standard deviation colour matching (SDCM)	3 (with a tolerance of +/- 0.005 on colour point measurement)
Lumen maintenance at median useful life*	L80
50,000 h	
Control gear failure rate at median useful life	5%
50,000 h	
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	0 to +35 °C
Driver failure rate	1% for 5,000 hours

Driver	Built-in
Mains voltage	220 or 240 V/50-60 Hz
Dimming	On board dimming 1-10 V (10-100%)
Control system input	1-10 V
	DALI dimming available on request
Material	Housing: aluminium
	Heatsink: die-cast aluminium
	Driver box: plastic
	Internal lenses: glass
Colour	Frontal lenses: PMMA
	Black (BK)
	White, with black details (WH)
	Other colours available on request
Connection	3C track connector
Installation	On 3C track
Remarks	Interchangeable frontal lenses can be used to create different light effects
	Variable Spot (ST741T): Standard included: clear and soft frontal lens
	Separate accessories: linear frontal lens (ST741Z) to create a striped or wallwashing effect
	Framing Projector (ST742T): Standard included: clear frontal lens
	Separate accessories: soft frontal lens to create soft edges on request

Versions



