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 colors, 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 color rendering: CRI 90+
· Minimal glare

StyliD PerfectBeam

Application

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

Specifications

Type	ST741T (Variable Spot version)	Driver	Built-in
	ST742T (Framing Projector version)	Mains voltage	220 or 240 V / 50-60 Hz
Light source	LED module	Dimming	On board dimming 1-10 V (10-100%)
Power	21 W	Controls system input	1-10 V
Beam angle	ST741T: 7 to 43º		DALI dimming available on request
	ST742T: 30º	Material	Housing: aluminum
Luminous flux	ST741T: 450 to 660 lm (for 3000 K)		Heatsink: die-cast aluminum
	ST742T: 240 lm (for 3000 K)		Driver box: plastic
Correlated Color	2700 K		Internal lenses: glass
Temperature	3000 K		Frontal lenses: PMMA
	Other color temperatures available on request	Color	Black (BK)
Color Rendering Index	> 90		White, with black details (WH)
Standard deviation	3 (with a tolerance of +/- 0,005 on color point measurement)		Other colors available on request
color matching (SDCM)		Connection	3C track connector
Lumen maintenance at	L80	Installation	On 3C track
median useful life*		Remarks	Interchangeable frontal lenses can be used to create different
50000 h			light effects
Control gear failure rate	5%		Variable Spot (ST741T): Standard included: clear and soft frontal
at median useful life			lens
50000 h			Separate accessories: linear frontal lens (ST741Z) to create a
Performance Ambient	+25 ºC		stripe or wallwashing effect
Temperature Tq			Framing Projector (ST742T): Standard included: clear frontal
Operating temperature	0 to +35 ºC		lens
range			Separate accessories: soft frontal lens to create soft edges on
Driver failure rate	1% for 5000 hours		request

Versions

ST742T Black

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