



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) 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 3000 K) ST742T: 240 lm (for 3000 K)
Correlated Color Temperature	2700 K 3000 K Other color temperatures available on request
Color Rendering Index	> 90
Standard deviation color matching (SDCM)	3 (with a tolerance of +/- 0,005 on color point measurement)
Median useful life L70B50	70,000 hours
Median useful life L80B50	50,000 hours
Median useful life L90B50	25,000 hours
Average ambient temperature	+25 °C
Operating temperature range	0 to +35 °C
Driver failure rate	1% for 5000 hours

Driver	Built-in
Mains voltage	220 or 240 V / 50-60 Hz
Dimming	On board dimming 1-10 V (10-100%)
Controls system input	1-10 V DALI dimming available on request
Material	Housing: aluminum Heatsink: die-cast aluminum Driver box: plastic Internal lenses: glass Frontal lenses: PMMA
Color	Black (BK) White, with black details (WH) Other colors 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 stripe or wallwashing effect Framing Projector (ST742T): - Standard included: clear frontal lens - Separate accessories: soft frontal lens to create soft edges on request

Versions



Accessories

Ordercode 29783300



Application Conditions

Ambient temperature range	0 to +35 °C
Maximum dim level	10%
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Input Voltage	220/240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class II (II)
Optical cover/lens type	PM
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Lamp family code	LED5S
Light source replaceable	No
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Initial chromaticity	-
Init. Colour Rendering Index	90
Luminous flux tolerance	+/-1%
Initial input power	21 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
29775800	ST741T LED5S/927 PSR 7-43 WH	2700 K	32 lm/W	684 lm
29776500	ST741T LED5S/930 PSR 7-43 WH	3000 K	32 lm/W	684 lm
29777200	ST741T LED5S/927 PSR 7-43 BK	2700 K	32 lm/W	684 lm
29778900	ST741T LED5S/930 PSR 7-43 BK	3000 K	32 lm/W	684 lm
29779600	ST742T LED5S/927 PSR 30 WH	2700 K	12 lm/W	263 lm
29780200	ST742T LED5S/930 PSR 30 WH	3000 K	12 lm/W	263 lm
29781900	ST742T LED5S/927 PSR 30 BK	2700 K	12 lm/W	263 lm
29782600	ST742T LED5S/930 PSR 30 BK	3000 K	12 lm/W	263 lm

Mechanical and Housing

Order Code	Full Product Name	Colour
29775800	ST741T LED5S/927 PSR 7-43 WH	White and black
29776500	ST741T LED5S/930 PSR 7-43 WH	White and black
29777200	ST741T LED5S/927 PSR 7-43 BK	Black
29778900	ST741T LED5S/930 PSR 7-43 BK	Black

Order Code	Full Product Name	Colour
29779600	ST742T LED5S/927 PSR 30 WH	White and black
29780200	ST742T LED5S/930 PSR 30 WH	White and black
29781900	ST742T LED5S/927 PSR 30 BK	Black
29782600	ST742T LED5S/930 PSR 30 BK	Black

