



# PerfectBeam gen.2 - endless possibilities to shape light

## PerfectBeam gen.2

PerfectBeam gen2 has been dedicatedly designed to deliver excellent quality of light in museum applications. It strikes the perfect balance between presenting and preserving art, between ever-changing exhibitions and the need for low maintenance and energy efficiency. The often conflicting demands for good visibility and conservation are now satisfied with an LED lighting solution that doesn't emit any harmful UV or IR rays. PerfectBeam gen.2 presents masterpieces and objects in their true colors, subtly attracting the viewer's eye, making it easy to see, interpret and appreciate works of art 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 or DALI ensure maximum flexibility to cope with changing exhibitions and lighting needs, now and in the future. PerfectBeam gen.2 is the right solution also in high-end fashion retail where you need to enhance colors, materials and underline details.

### Benefits

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

### Features

- Variable Spot (from 7° to 55°) and Framing Projector
- Variable Spot can reach up to 1560 lm and Framing Projector up to 920lm
- Modular design with beam shaping accessories, easy to adapt
- No harmful UV or IR radiation to precious exhibits and minimal glare
- High color rendering: CRI 94+

## PerfectBeam gen.2

### Application

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

### Versions



PerfectBeam gen.2 Variable White



PerfectBeam gen.2 Variable White



PerfectBeam gen.2 Variable Black

### Product details

PerfectBeam gen2 ST512T 6



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## Application Conditions

Ambient temperature range	0 to +35 °C
Maximum dim level	3%
Suitable for random switching	No

## Approval and Application

Mech. impact protection code	-
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

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Glow-wire test	NO
Light source replaceable	No
Number of gear units	1 unit

## Initial Performance (IEC Compliant)

Init. Color Rendering Index	94
Luminous flux tolerance	+/-5%

## General Information

Order Code	Full Product Name	Optic type
19109200	SHARP ZOOM Dimm 930/WH/25W-IN220-240VDC	Beam angle 7 to 55°
19112200	SHARP ZOOM DALI 930/WH/25W-IN220-240VDC	Beam angle 7 to 55°
19115300	SHARP ZOOM Dimm 930/BK/25W-IN220-240VDC	Beam angle 7 to 55°
19119100	SHARP ZOOM DALI 940/BK/25W-IN220-240VDC	Beam angle 7 to 55°
19124500	SHARP FRAME DALI 930/WH/23W-IN220-240VDC	30

## Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
19109200	SHARP ZOOM Dimm 930/WH/25W-IN220-240VDC	0.4338, 0.4030 (+/- 0.005); SDCM 2	3000 K	62 lm/W	1560 lm
19112200	SHARP ZOOM DALI 930/WH/25W-IN220-240VDC	0.4338, 0.4030 (+/- 0.005); SDCM 2	3000 K	62 lm/W	1560 lm
19115300	SHARP ZOOM Dimm 930/BK/25W-IN220-240VDC	0.4338, 0.4030 (+/- 0.005); SDCM 2	3000 K	62 lm/W	1560 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
19109200	SHARP ZOOM Dimm 930/WH/25W-IN220-240VDC	0.005); SDCM 2			
19119100	SHARP ZOOM DALI 940/BK/25W-IN220-240VDC	0.3818, 0.3797 (+/- 0.005); SDCM 2	4000 K	62 lm/W	1560 lm
19124500	SHARP FRAME DALI 930/WH/23W-IN220-240VDC	0.4338, 0.4030 (+/- 0.005); SDCM 2	3000 K	40 lm/W	920 lm

## Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
19109200	SHARP ZOOM Dimm 930/WH/25W-IN220-240VDC	25 W
19112200	SHARP ZOOM DALI 930/WH/25W-IN220-240VDC	25 W
19115300	SHARP ZOOM Dimm 930/BK/25W-IN220-240VDC	25 W

Order Code	Full Product Name	Initial input power
19119100	SHARP ZOOM DALI 940/BK/25W-IN220-240VDC	25 W
19124500	SHARP FRAME DALI 930/WH/23W-IN220-240VDC	23 W

## PerfectBeam gen.2

### Mechanical and Housing

Order Code	Full Product Name	Color
19109200	SHARP ZOOM Dimm 930/WH/25W-IN220-240VDC	Aluminum
19112200	SHARP ZOOM DALI 930/WH/25W-IN220-240VDC	Aluminum
19115300	SHARP ZOOM Dimm 930/BK/25W-IN220-240VDC	Black

Order Code	Full Product Name	Color
19119100	SHARP ZOOM DALI 940/BK/25W-IN220-240VDC	Black
19124500	SHARP FRAME DALI 930/WH/23W-IN220-240VDC	Aluminum

