



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 gen2 presents masterpieces and objects in their true colours, 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 gen2 is the right solution for high-end fashion retail where you need to enhance colours and 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 1,560 lm, and Framing Projector, up to 920 lm
- Modular design with beam-shaping accessories, easy to adapt
- No harmful UV or IR radiation to precious exhibits and minimal glare
- High colour rendering: CRI 94+

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Application

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

Versions



PerfectBeam



PerfectBeam



PerfectBeam



PerfectBeam

Product details

PerfectBeam gen2 ST512T 6



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Application Conditions

Ambient temperature range	0 to +35 °C
Maximum dimming 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. Colour rendering index	94
Luminous flux tolerance	+/-5%

General Information

Order Code	Full Product Name	Optic type
910504801516	SHARP ZOOM Dimm 927/WH/25W-IN220-240V	Beam angle 7 to 55°
910504801517	SHARP ZOOM Dimm 930/WH/25W-IN220-240V	Beam angle 7 to 55°
910504801518	SHARP ZOOM Dimm 940/WH/25W-IN220-240V	Beam angle 7 to 55°
910504801530	SHARP FRAME Dimm 940/WH/23W-IN220-240V	30
910504801519	SHARP ZOOM DALI 927/WH/25W-IN220-240V	Beam angle 7 to 55°
910504801520	SHARP ZOOM DALI 930/WH/25W-IN220-240V	Beam angle 7 to 55°
910504801521	SHARP ZOOM DALI 940/WH/25W-IN220-240V	Beam angle 7 to 55°
910504801522	SHARP ZOOM Dimm 927/BK/25W-IN220-240V	Beam angle 7 to 55°
910504801523	SHARP ZOOM Dimm 930/BK/25W-IN220-240V	Beam angle 7 to 55°
910504801524	SHARP ZOOM Dimm 940/BK/25W-IN220-240V	Beam angle 7 to 55°
910504801525	SHARP ZOOM DALI 927/BK/25W-IN220-240V	Beam angle 7 to 55°
910504801526	SHARP ZOOM DALI 930/BK/25W-IN220-240V	Beam angle 7 to 55°
910504801527	SHARP ZOOM DALI 940/BK/25W-IN220-240V	Beam angle 7 to 55°
910504801537	SHARP FRAME DALI 927/BK/23W-IN220-240V	30

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
910504801516	SHARP ZOOM Dimm 927/WH/25W-IN220-240V	0.4578, 0.4101 (+/- 0.005); SDCM 2	2700 K	62 lm/W	1560 lm
910504801517	SHARP ZOOM Dimm 930/WH/25W-IN220-240V	0.4338, 0.4030 (+/- 0.005); SDCM 2	3000 K	62 lm/W	1560 lm
910504801518	SHARP ZOOM Dimm 940/WH/25W-IN220-240V	0.3818, 0.3797 (+/- 0.005); SDCM 2	4000 K	62 lm/W	1560 lm
910504801530	SHARP FRAME Dimm 940/WH/23W-IN220-240V	0.3818, 0.3797 (+/- 0.005); SDCM 2	4000 K	40 lm/W	920 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
910504801519	SHARP ZOOM DALI 927/WH/25W-IN220-240V	0.4578, 0.4101 (+/- 0.005); SDCM 2	2700 K	62 lm/W	1560 lm
910504801520	SHARP ZOOM DALI 930/WH/25W-IN220-240V	0.4338, 0.4030 (+/- 0.005); SDCM 2	3000 K	62 lm/W	1560 lm
910504801521	SHARP ZOOM DALI 940/WH/25W-IN220-240V	0.3818, 0.3797 (+/- 0.005); SDCM 2	4000 K	62 lm/W	1560 lm
910504801522	SHARP ZOOM Dimm 927/BK/25W-IN220-240V	0.4578, 0.4101 (+/- 0.005); SDCM 2	2700 K	62 lm/W	1560 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
910504801523	SHARP ZOOM Dimm 930/BK/25W-IN220-240V	0.4338, 0.4030 (+/- 0.005); SDCM 2	3000 K	62 lm/W	1560 lm
910504801524	SHARP ZOOM Dimm 940/BK/25W-IN220-240V	0.3818, 0.3797 (+/- 0.005); SDCM 2	4000 K	62 lm/W	1560 lm
910504801525	SHARP ZOOM DALI 927/BK/25W-IN220-240V	0.4578, 0.4101 (+/- 0.005); SDCM 2	2700 K	62 lm/W	1560 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
910504801526	SHARP ZOOM DALI 930/BK/25W-IN220-240V	0.4338, 0.4030 (+/- 0.005); SDCM 2	3000 K	62 lm/W	1560 lm
910504801527	SHARP ZOOM DALI 940/BK/25W-IN220-240V	0.3818, 0.3797 (+/- 0.005); SDCM 2	4000 K	62 lm/W	1560 lm
910504801537	SHARP FRAME DALI 927/BK/23W-IN220-240V	0.4578, 0.4101 (+/- 0.005); SDCM 2	2700 K	40 lm/W	920 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
910504801516	SHARP ZOOM Dimm 927/WH/25W-IN220-240V	25 W
910504801517	SHARP ZOOM Dimm 930/WH/25W-IN220-240V	25 W
910504801518	SHARP ZOOM Dimm 940/WH/25W-IN220-240V	25 W
910504801530	SHARP FRAME Dimm 940/WH/23W-IN220-240V	23 W
910504801519	SHARP ZOOM DALI 927/WH/25W-IN220-240V	25 W
910504801520	SHARP ZOOM DALI 930/WH/25W-IN220-240V	25 W
910504801521	SHARP ZOOM DALI 940/WH/25W-IN220-240V	25 W

Order Code	Full Product Name	Initial input power
910504801522	SHARP ZOOM Dimm 927/BK/25W-IN220-240V	25 W
910504801523	SHARP ZOOM Dimm 930/BK/25W-IN220-240V	25 W
910504801524	SHARP ZOOM Dimm 940/BK/25W-IN220-240V	25 W
910504801525	SHARP ZOOM DALI 927/BK/25W-IN220-240V	25 W
910504801526	SHARP ZOOM DALI 930/BK/25W-IN220-240V	25 W
910504801527	SHARP ZOOM DALI 940/BK/25W-IN220-240V	25 W
910504801537	SHARP FRAME DALI 927/BK/23W-IN220-240V	23 W

Mechanical and Housing

Order Code	Full Product Name	Colour
910504801516	SHARP ZOOM Dimm 927/WH/25W-IN220-240V	Aluminium
910504801517	SHARP ZOOM Dimm 930/WH/25W-IN220-240V	Aluminium
910504801518	SHARP ZOOM Dimm 940/WH/25W-IN220-240V	Aluminium
910504801530	SHARP FRAME Dimm 940/WH/23W-IN220-240V	Aluminium
910504801519	SHARP ZOOM DALI 927/WH/25W-IN220-240V	Aluminium
910504801520	SHARP ZOOM DALI 930/WH/25W-IN220-240V	Aluminium
910504801521	SHARP ZOOM DALI 940/WH/25W-IN220-240V	Aluminium

Order Code	Full Product Name	Colour
910504801522	SHARP ZOOM Dimm 927/BK/25W-IN220-240V	Black
910504801523	SHARP ZOOM Dimm 930/BK/25W-IN220-240V	Black
910504801524	SHARP ZOOM Dimm 940/BK/25W-IN220-240V	Black
910504801525	SHARP ZOOM DALI 927/BK/25W-IN220-240V	Black
910504801526	SHARP ZOOM DALI 930/BK/25W-IN220-240V	Black
910504801527	SHARP ZOOM DALI 940/BK/25W-IN220-240V	Black
910504801537	SHARP FRAME DALI 927/BK/23W-IN220-240V	Black

