



# PerfectBeam gen.2

## SHARP FRAME DALI 940/BK/23W-IN220-240V

23 W, Power supply unit with DALI interface, Beam angle 30°, 30°

PerfectBeam gen2 has been dedicatedly designed the 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.

### Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
CE mark	Yes
Warranty period	2 years
Flammability mark	-
ENEC mark	-
Glow-wire test	-

EU RoHS compliant	No
Light Technical	
Luminous Flux	920 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	40 lm/W
Color rendering index (CRI)	94
Beam angle of light source	120 degree(s)
Light source color	940 neutral white
Optic type	Beam angle 30°

## PerfectBeam gen.2

Luminaire light beam spread	30°
Unified glare rating CEN	Not applicable

### Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	16.6 W
Average CLO power consumption	23 W
Inrush current	0.851 A
Inrush time	1 ms
Power Consumption	23 W
Power Factor (Fraction)	0.97
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type B	90

### Temperature

Ambient temperature range	0 to +35 °C
---------------------------	-------------

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	Yes

### Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Glass
Optical cover material	Polymethyl methacrylate
Fixation material	Aluminum
Housing Color	Black
Optical cover finish	Clear
Overall length	208 mm
Overall width	180 mm

Overall height	292 mm
Overall diameter	90 mm
Dimensions (Height x Width x Depth)	292 x 180 x 208 mm

### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	-
Protection class IEC	Safety class II

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Initial chromaticity	0.3818, 0.3797 (+/- 0.005); SDCM 2
Power consumption tolerance	+/-5%

### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
-------------------------------	--------

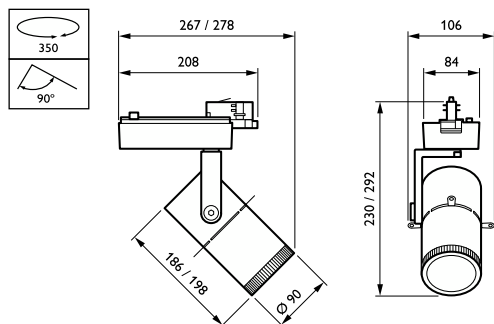
### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	3%
Suitable for random switching	No

### Product Data

Order product name	SHARP FRAME DALI 940/BK/23W-IN220-240V
Full product name	SHARP FRAME DALI 940/BK/23W-IN220-240V
Full product code	871869919131300
Order code	910504801539
Material Nr. (12NC)	910504801539
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing



## PerfectBeam gen.2

