



HELIOS¹

track mounted spot light

SPECIFICATIONS

GENERAL

- 350°+ rotation
- 0° to 130° tilt and lock

LED

- consistent colour, uniform beam
- LED lifetime of 50,000h
- infrared and UV free beam
- different CRI, colour T° and lumen output available, please refer to the chart

ELECTRICAL

- standard 120 V driver included, options available:
 - standard dimming driver, XTM only (using ELV dimmers)
- 277V available upon request, consult Senso for details

FINISH

- satin powder coat finish

CONSTRUCTION

- cast aluminium

INSTALLATION

- includes track adapter (available in 1 or 2 circuits) contact us for track compatibility

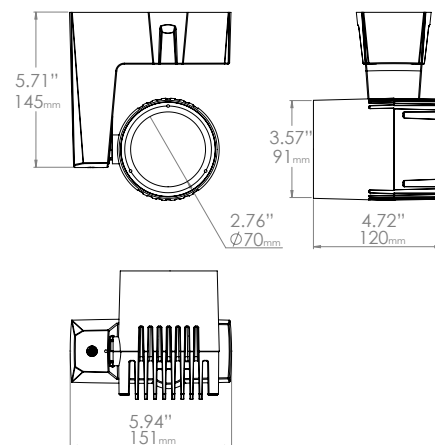
OPTIONS / ACCESSORIES

- consult next page
- louver (includes mounting ring)
- barndoor (includes mounting ring)

WEIGHT

1.3 kg [2.8 lbs]

DIMENSION



ACCESSORIES

Barndoor

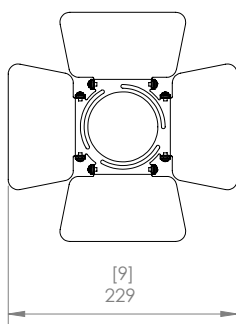


- Limits the glare and allows you to control the direction of the light beam
- flaps can be adjusted and lock in place

CONSTRUCTION

- steel construction
- satin powder coat finish

DIMENSION



PART NO: 66-01-16 white
66-02-16 black
66-08-16 silver

Louver

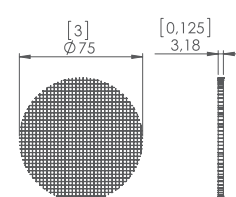


- 95% open area
- 45° cut-off

CONSTRUCTION

- standard finish: black polymer coating with an eggshell finish

DIMENSION



PART NO: 67-02 black

Why use XIM modules?

- Superior deep dimming, down to 0.1% in DALI and 1% in 1-10V, and smooth transition from/to dark
- Meets IEEE1789 recommendations over its entire dimming range, eliminating negative health effects related to flicker
- On-board sensors and microprocessor that stores operational data by the hour
- Self-adjusts to avoid over temperature
- True, verifiable 50,000 hour / 7 year operational warranty that includes color consistency and single point failures
- Reduced energy consumption and cost
- Enables smaller and more elegant fixture designs without bulky LED drivers
- Next Generation Corrected Cold Phosphor Technology® keeps phosphors cool for maintained light quality
- Future-proof platform for expanding capabilities including Bluetooth Smart™ options in 2016

XIM Characteristics

- Artist Series®, Vibrant Series® and Standard Series
- Flux packages from 700lm to 3000lm
- CCT range from 2700K to 4000K
- 19mm and 9mm LES options
- DALI and 1-10 versions
- Integrated DC driver electronics
- Efficacy up to 99 lm/W
- Very tight color consistency, within 1x2 MacAdam ellipses initially and 3 MacAdam ellipses after 50,000 hours

XIM MODULE

Consult this chart to confirm the availability of the desired combination before specifying below.

Colour Rendering Index (CRI)	STD/V CRI 83+			ARTIST/V CRI 98+	
Luminous Flux (lm)	1300	2000	3000	1300	2000
Consumption (W)	15	25	37	20	34
Colour T° 2700 K	●	●	●	●	●
3000 K	●○	●○	●○	●*	●*
3500 K	●	●	●	●	●
4000 K	●	●	●	●	●
ELV dimming DIM	●	●	●	●	●
0-10V LCS/ELDO	●	●	●	●	●
STD	●	●	●	●	●

● = available ○ = Vibrant 83+ * = Vibrant Artist 98+

XTM version also available

consult Senso or XTM version spec sheet for details.

Please specify if you choose XIM module:

MODEL ☐ **855** – Helios 1 with single phase
☐ **856** – Helios 1 with two phase

COLOUR RENDERING INDEX ☐ **582** – 83+
☐ **782** – 98+
☐ **882** – vibrant (3000K only)
☐ **982** – vibrant/artist (3000K only)

REFLECTOR ☐ **610** – 18°
☐ **611** – 30°
☐ **612** – 45°
☐ **613** – 60°

COLOUR TEMPERATURE ☐ **27** – 2700K
☐ **30** – 3000K
☐ **35** – 3500K
☐ **40** – 4000K

FINISH ☐ **01-01** – white with white ring
☐ **01-02** – white with black ring
☐ **02-02** – black with black ring
☐ **08-02** – silver with black ring
☐ **08-08** – silver with silver ring

LUMEN ☐ **07** – 700
☐ **10** – 1000
☐ **13** – 1300
☐ **20** – 2000
☐ **30** – 3000

DRIVER ☐ **STD** – not dimmable
☐ **LCS** – 0-10V control
☐ **DALI** – addressable

