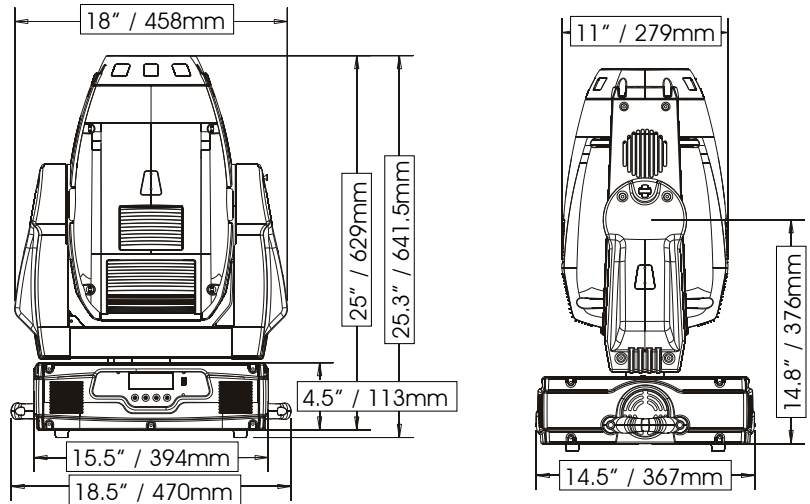


# Design Spot 1200C



  
**HYBRID**  
(INTELLIGENT SPOT & WASH IN ONE)



Design Spot 1200C Dimensions

The Design Spot 1200C (DS 1200C) by Elation Professional is an intelligent 1200 watt compact moving head hybrid spot and wash in one featuring CMY color mixing plus variable CTO and EWDMX built-in wireless DMX receiver. DS 1200C is equipped with 8 static/replaceable dichroic filters including CTB and UV and two gobo wheels containing 12 rotating/indexing gobos. Additional features include variable beam angle 16°-41°, variable focus, variable iris and extreme light output - over 100,000 lumens. This unit is available in black casing and features a compact case design. The DS 1200C is powered by Phillips MSR 1200/2 SA/DE double ended discharge lamp providing up to 750 hours estimated lamp life. Rated at IP20 this unit is designed for indoor applications only and can operate from a 208-240V AC, 60HZ. Control data input is via 3 pin or 5 pin DMX data first in and out connections.

## FEATURES

- 1200 watt compact / feature packed moving head spot
- Hybrid spot / wash in one
- CMY color mixing + variable CTO
- 8 Static / replaceable dichroic colors including CTO, CTB and UV
- 12 rotating / Indexing gobos
- 2 rotating / indexing prism (3-facet & 3D prism)
- Variable beam angle 16°-41°
- Variable zoom
- Extreme light output – over 100,000 lumens!
- Frost
- Variable iris
- Variable focus
- Animation effect wheel
- EWDMX wireless DMX receiver built in
- Digital LCD blue / white menu display
- Pan / tilt lock - 630° or 540° pan x 265° Tilt
- 27 DMX channels standard mode or 38 channels extended mode
- Compact case design

## TECHNICAL SPECIFICATIONS

- **DMX Channels:** 27 DMX Channels standard mode or 38 channels extended mode
- **Control:** RDMX, 3 pin or 5pin DMX in/out
- **Dimmer:** Yes
- **Strobe:** Yes
- **Iris:** Yes
- **Power supply:** 208-240v / 60hz
- **Power consumption:** 1478W
- **Fuse:** 6H/2A/15A Electronic Ballast
- **DB Rating:** 56.3DB @ 3'
- **Lamp:** MSR1200/2 SA/DE Philips double ended discharge lamp
- **Lamp life:** 1200W, CRI 85, 7500°K, 750 HRS
- **Lux:** 17,880 @ 5 M
- **Dimensions:** (LxWxH) 18.5" x 18.2" x 20.3" / 470 x 462 x 517mm
- **Weight:** 78.5 lbs. / 35.6 kg
- **Rigging:** Rigging included
  - 1 x safety cable
  - 1 x data cable (3-pin)

**RDMX**  
REMOTE DMX ADDRESSING

POWERED BY  
**PHILIPS**

# Design Spot 1200C

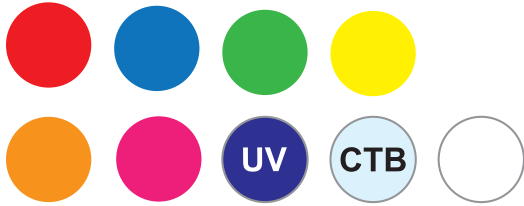


## COLORS / GOBOS

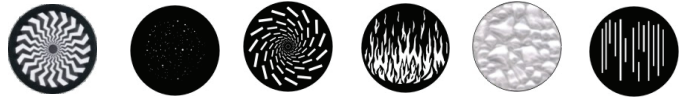
- CMY color mixing
- 8 Static / replaceable dichroic colors including CTO, CTB and UV
- 12 rotating / Indexing gobos



### COLORS



### Rotating Gobo Wheel 1



### Rotating Gobo Wheel 2

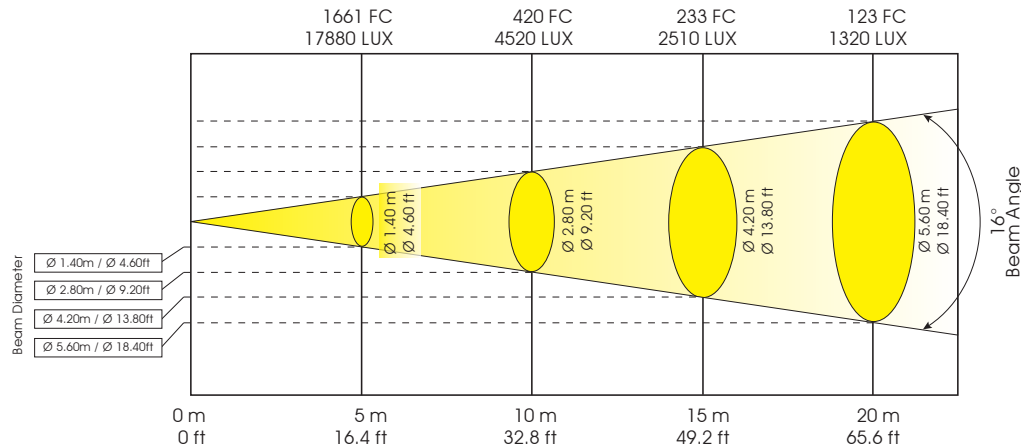


## PHOTOMETRICS

### Design Spot 1200C Photometric Beam Angle Data

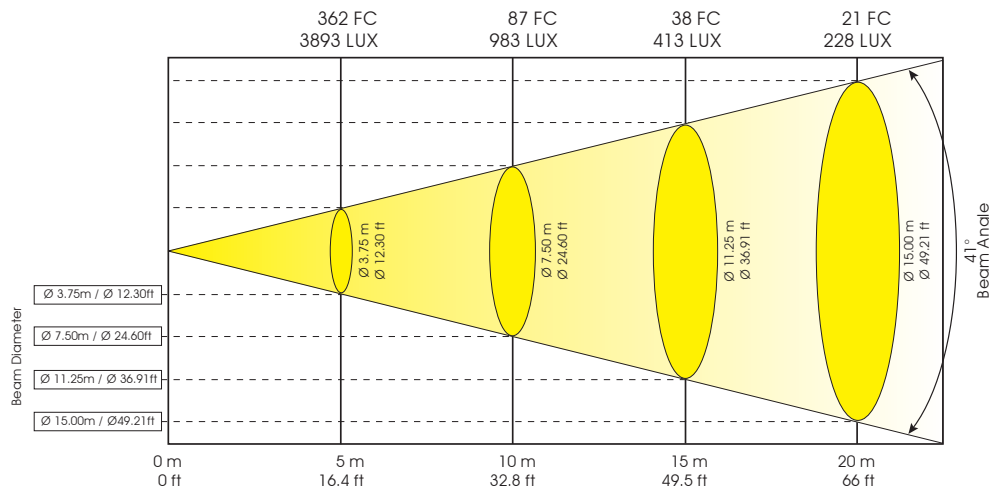
#### Minimum Beam Angle 16°

LUX x 0.0929 = FC



#### Maximum Beam Angle 41°

LUX x 0.0929 = FC



## DMX TRAITS

### 16-Bit Basic Mode:

Channel	Value	Function
1	0 - 255	PAN 8-bit
2	0 - 255	PAN fine 16-bit
3	0 - 255	TILT 8-bit
4	0 - 255	TILT fine 16-bit
5	0 - 255	Color Wheel
6	0 - 255	Cyan 0 to 100%
7	0 - 255	Magenta 0 to 100%
8	0 - 255	Yellow 0 to 100%
9	0 - 255	CTO 0 to 100%
10	0 - 255	Gobo Wheel 1
11	0 - 255	Gobo Wheel 1 Index & Continuous Scroll
12	0 - 255	Gobo Wheel 2
13	0 - 255	Gobo wheel 2 index & continuous scroll
14	0 - 255	Prism & prism gobo effect macros
15	0 - 255	Prism index & prism rotation
16	0 - 255	Focus
17	0 - 255	Motorized zoom
18	0 - 255	Shutter/strobe
19	0 - 255	Dimmer
20	0 - 255	Iris
21	0 - 255	Frost
22	0 - 255	Animation wheel
23	0 - 255	CMY speed
24	0 - 255	Pan/tilt speed
25	0 - 255	Color macros
26	0 - 255	Lamp on/off, reset, internal programs

### 16-Bit Extended Mode:

Channel	Value	Function
1	0 - 255	PAN 8-bit
2	0 - 255	PAN fine 16-bit
3	0 - 255	TILT 8-bit
4	0 - 255	TILT fine 16-bit
5	0 - 255	Color Wheel
6	0 - 255	Color Wheel Fine 16-bit
7	0 - 255	Cyan 0 to 100%
8	0 - 255	Cyan Fine 16-bit
9	0 - 255	Magenta 0 to 100%
10	0 - 255	Magenta Fine 16-bit
11	0 - 255	Yellow 0 to 100%
12	0 - 255	Yellow Fine 16-bit
13	0 - 255	CTO 0 to 100%
14	0 - 255	CTO Fine 16-bit
15	0 - 255	Gobo Wheel 1
16	0 - 255	Gobo Wheel 1 Index & Continuous Scroll
17	0 - 255	Gobo Wheel 1 Fine Indexing
18	0 - 255	Gobo Wheel 2
19	0 - 255	Gobo Wheel 2 Index & Continuous Scroll
20	0 - 255	Gobo Wheel 2 Fine Indexing
21	0 - 255	Prism & prism/gobo effect macros
22	0 - 255	Prism index & prism rotation
23	0 - 255	Prism fine 16-bit
24	0 - 255	Focus
25	0 - 255	Focus Fine 16-bit
26	0 - 255	Zoom
27	0 - 255	Zoom fine 16-bit
28	0 - 255	Shutter/strobe
29	0 - 255	Dimmer 0-100%
30	0 - 255	Dimmer fine 16-bit
31	0 - 255	Iris
32	0 - 255	Iris fine 16-bit
33	0 - 255	Frost
34	0 - 255	Animation wheel
35	0 - 255	CMY speed
36	0 - 255	Pan/tilt speed
37	0 - 255	Color macros
38	0 - 255	Lamp on/off, reset, internal programs