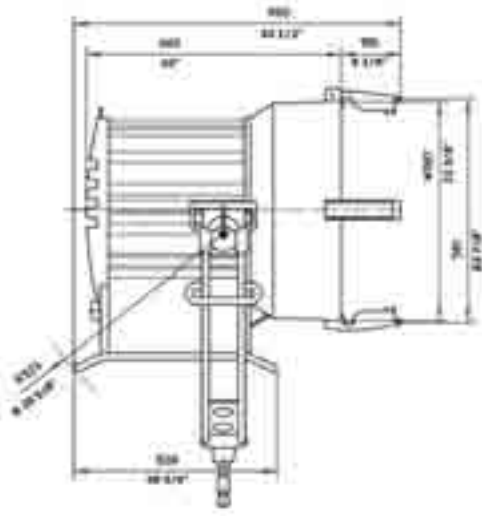
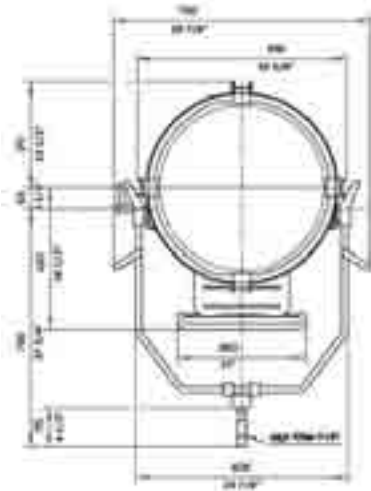


# ARRISUN 120



Cat. No.	Description
562300	ARRISUN 120
562202	50 ft. Head/Ballast Cable
562201	100 ft. Head/Ballast Cable
562325	Lens Set (Spot, Medium, Wide, Super Wide, Frosted)
562395	Lens Case
562310	Four Leaf Barndoor
562245	12000W Single Ended Lamp
540250	21" Full Single Scrim
540252	21" Full Double Scrim
571718	Scrim Bag
853276	Safety Cable
560815	6000/12000W Electronic Ballast w/DMX & ALF
562814	12000/18000W Electronic Ballast w/DMX & ALF*
560890	Ballast cart*
562390	Lamphead Case with Casters
560922	Electronic Ballast Case (6000/12000W)

## Specifications

Weight	102 lbs. (46.3 kg)
Reflector	High purity aluminum parabolic
Lampholder	G38 High Voltage
Mounting	1 1/8" (29 mm) stand mount

\*12000/18000W EB includes detachable ballast cart

\* Cart may be ordered separately for 6000/12000W EB

For Ballast Specifications see Ballast Section

# ARRISUN 120

## Photometric Data: Footcandles

Distance	50 ft. (15.2 m)	75 ft. (22.9 m)	100 ft. (30.5 m)	125 ft. (38.1 m)
<b>Super Spot/No Lens</b>				
Spot (7°)	11401	5067	2850	1824
<b>Spot Lens</b>				
Spot (10°)	6561	2916	1640	1050
Medium (13°)	3568	1586	892	571
Flood (16°)	2696	1198	674	431
<b>Medium Lens</b>				
Spot (11° x 29°)	2260	1005	565	362
Medium (18° x 31°)	1320	587	330	211
Flood (21° x 34°)	1036	460	259	166
<b>Wide Lens</b>				
Spot (20° x 33°)	732	325	183	117
Medium (28° x 47°)	620	276	155	99
Flood (37° x 58°)	381	169	95	61
<b>Super Wide Lens</b>				
Spot (43°)	400	178	100	64
Medium (46°)	262	116	66	42
Flood (58°)	241	107	60	39
<b>Frosted Lens</b>				
Spot (38°)	348	155	87	56
Medium (47°)	252	112	63	40
Flood (57°)	172	76	43	28

In addition to using spread lenses, ARRISUN fixtures can be focused over a wide range. This data shows spot, medium and flood performance for each lens. The table showing "performance at any distance" is based on medium focus. For additional data see the Photometric Calculator at [www.arri.de/prod/lighting/calculator](http://www.arri.de/prod/lighting/calculator)

## Photometric Data: Beam Diameter

Distance	50 ft. (15.2 m)	75 ft. (22.9 m)	100 ft. (30.5 m)	125 ft. (38.1 m)
<b>Super Spot/No Lens</b>				
Spot (7°)	6.1 ft. (1.9 m)	9.2 ft. (2.8 m)	12.2 ft. (3.7 m)	15.3 ft. (4.7 m)
<b>Spot Lens</b>				
Spot (10°)	8.7 ft. (2.7 m)	13.1 ft. (4.0 m)	17.5 ft. (5.3 m)	21.9 ft. (6.7 m)
Medium (13°)	11.4 ft. (3.5 m)	17.1 ft. (5.2 m)	22.8 ft. (6.9 m)	28.5 ft. (8.7 m)
Flood (16°)	14.1 ft. (4.3 m)	21.1 ft. (6.4 m)	28.1 ft. (8.6 m)	35.1 ft. (10.7 m)
<b>Medium Lens</b>				
Spot (11° x 29°)	9.6 x 25.9 ft.	14.4 x 38.8 ft.	19.3 x 51.7 ft.	24.1 x 64.7 ft.
	2.9 x 7.9 m	4.4 x 11.8 m	5.9 x 15.8 m	7.3 x 19.7 m
Medium (18° x 31°)	15.8 x 27.7 ft.	23.8 x 41.6 ft.	31.7 x 55.5 ft.	39.6 x 69.3 ft.
	4.8 x 8.4 m	7.3 x 12.7 m	9.7 x 16.9 m	12.1 x 21.1 m
Flood (21° x 34°)	18.5 x 30.6 ft.	27.8 x 45.9 ft.	37.1 x 61.1 ft.	46.3 x 76.4 ft.
	5.6 x 9.3 m	8.5 x 14.0 m	11.3 x 18.6 m	14.1 x 23.3 m
<b>Wide Lens</b>				
Spot (20° x 33°)	17.6 x 29.6 ft.	26.4 x 44.4 ft.	35.3 x 59.2 ft.	44.1 x 74.1 ft.
	5.4 x 9.0 m	8.0 x 13.5 m	10.8 x 18.0 m	13.4 x 22.6 m
Medium (28° x 47°)	24.9 x 43.5 ft.	37.4 x 65.2 ft.	49.9 x 87.0 ft.	62.3 x 108.7 ft.
	7.6 x 13.3 m	11.4 x 19.9 m	15.2 x 26.5 m	19.0 x 33.1 m
Flood (37° x 58°)	33.5 x 55.4 ft.	50.2 x 83.1 ft.	66.9 x 110.9 ft.	83.6 x 138.6 ft.
	10.2 x 16.9 m	15.3 x 25.3 m	20.4 x 33.8 m	25.5 x 42.2 m
<b>Super Wide Lens</b>				
Spot (43°)	39.4 ft. (12.0 m)	59.1 ft. (18.0 m)	78.8 ft. (24.0 m)	98.5 ft. (30.0 m)
Medium (46°)	42.4 ft. (12.9 m)	63.7 ft. (19.4 m)	84.9 ft. (25.9 m)	106.1 ft. (32.3 m)
Flood (58°)	55.4 ft. (16.9 m)	83.1 ft. (25.3 m)	110.9 ft. (33.8 m)	138.6 ft. (42.2 m)
<b>Frosted Lens</b>				
Spot (38°)	34.4 ft. (10.5 m)	51.6 ft. (15.7 m)	68.9 ft. (21.0 m)	86.1 ft. (26.2 m)
Medium (47°)	43.5 ft. (13.3 m)	65.2 ft. (19.9 m)	87.0 ft. (26.5 m)	108.7 ft. (33.1 m)
Flood (57°)	54.3 ft. (16.6 m)	81.4 ft. (24.8 m)	108.6 ft. (33.1 m)	135.7 ft. (41.4 m)

### Super Spot/No Lens Performance at any distance:

Footcandles (or lux) = 28,500,000 ÷ Distance<sup>2</sup>    Beam Diameter = Distance x 0.12

### Spot Lens Performance at any distance:

Footcandles (or lux) = 8,920,000 ÷ Distance<sup>2</sup>    Beam Diameter = Distance x 0.23

### Medium Lens Performance at any distance:

Footcandles (or lux) = 3,300,000 ÷ Distance<sup>2</sup>    Beam Diameter = Distance x 0.32  
Beam Diameter = Distance x 0.56

### Wide Lens Performance at any distance:

Footcandles (or lux) = 1,550,000 ÷ Distance<sup>2</sup>    Beam Diameter = Distance x 0.50  
Beam Diameter = Distance x 0.87

### Super Wide Lens Performance at any distance:

Footcandles (or lux) = 655,000 ÷ Distance<sup>2</sup>    Beam Diameter = Distance x 0.85

### Frosted Lens Performance at any distance:

Footcandles (or lux) = 630,000 ÷ Distance<sup>2</sup>    Beam Diameter = Distance x 0.87