

LoCaster & BroadCaster LED





“I’M READY FOR MY CLOSE-UP”

The definitive LED fixture for lighting faces...and more.

ARRI introduces the LED Caster Series — high output, low heat, low power consuming units that offer a tuneable white light source. A special optical design provides single shadow rendering and adjustments over a range of correlated color temperatures. Since the Caster Series offers a Color Rendering Index (CRI) of 90, colors appear more vivid and lifelike on digital and film media compared to other units that use single color white or RGB LED configurations.

What truly makes these LED units unique is the shadow quality. Casters emulate a single source, which results in a single shadow. Therefore, the Caster Series can be effectively “cut” with a barndoor or flag. Most other LED fixtures, with multiple LED “points”, give multiple shadows and often-times chromatic aberration from different colors of the LEDs. However, these ARRI units have a mixing chamber, so all the colors mix, within the unit — providing a single source.

There are two versions in the LED Caster Series, the LoCaster and the BroadCaster. They offer high output, yet very low power consumption while in a housing that only weighs 2lbs. Both units utilize the same optical principles and the same housing. Each consumes 35W of power and outputs about 550 candelas with a beam angle of 66°.

On the LoCaster, power, dimming and the color temperature may be manually adjusted with onboard controllers. This unit is adjustable to six color temperatures from 2800 Kelvin to 6500 Kelvin.

The LoCaster can be powered in many ways; one of which is a simple power supply that merely plugs into the unit and any

household outlet. Battery power is easy to use with the ARRI battery that nests in the stirrup or various onboard and outboard aftermarket batteries.

The advantage of the BroadCaster is that multiple units can be assigned for remote control via a DMX protocol and console. Channel One—is the intensity; Channel Two—is the color temperature—from 2800 to 6500; and Channel Three—is the +/- green adjustment.

The BroadCaster has various power supplies available. One features 3 PowerDMX outlets, which in turn can support up to four BroadCasters per output, in a daisy chain configuration; for a maximum of eight fixtures on a single power supply.

The optional intensifier is a valuable accessory. It doubles the light output while creating a tighter beam of light to 33°. Merely slide the optional accessory intensifier in the accessory flutes until it snaps into place.

Both the LoCaster and BroadCaster may be orientated in either portrait or landscape mode. Loosen the rear mounting knob and rotate the fixture 90°. The LoCaster and BroadCaster can be removed from the stirrup by turning the knurled knob to release it completely. This allows you to use other mounting options.

LoCasters are available as AC and AC/DC kits. Also available are ‘Hybrid’ kits in various configurations which combine the LoCaster LED fixtures with our proven small tungsten Fresnels.

LoCaster

The ARRI LoCaster features an easy to use onboard controller with a choice of six color temperature settings, continuous dimming and ON/OFF switch. Weighing only 2 lbs, it is an ideal companion for mobile applications.



LoCaster LED Panel #553100
LoCaster LED Panel with Stirrup #553101

Order Code	Description
553100	LoCaster LED Panel (2.1 lbs)
553101	LoCaster LED Panel with Stirrup (2.7 lbs)
553110	Two Leaf Barndoor (0.3 lb)
553120	Filter Frame (0.1 lb)
553130	Intensifier (0.8 lb)
570113	Baby Pin with 3/8" Threaded Stud (0.2 lb)
553140	Stirrup with Battery Bracket (0.7 lb)
553805	Caster Single Power Supply (1.1 lbs)
553815	Caster Battery Pack (1.7 lbs) with Charger (1.2 lbs)
553833	Extension Cable 4 Pin 10' (0.5 lbs)
553831	Y Adapter (Power+DMX to PowerDMX) (0.3 lbs)
553830	Mobile Power Adapter (cigarette lighter to XLR 4 pin) (0.25 lbs)
553190	Kit Case LoCaster (7.9 lbs) 18" x 14" x 7"



BroadCaster LED Panel #553108
BroadCaster LED Panel with Stirrup #553109

BroadCaster

The ARRI BroadCaster incorporates a built-in DMX controller for remote operation and offers versatility when lighting tight spots in small and medium-sized studios. Intensity, color temperature and \pm green can be independently controlled.

Order Code	Description
553108	BroadCaster LED Panel (2.1 lbs)
553109	BroadCaster LED Panel with Stirrup (2.7 lbs)
553110	Two Leaf Barndoor (0.3 lb)
553120	Filter Frame (0.1 lb)
553130	Intensifier (0.8 lb)
570113	Baby Pin with 3/8" Threaded Stud (0.2 lb)
553140	Stirrup with Battery Bracket (0.7 lb)
553810	Caster 8X Power Supply (5.6 lbs)
570036	Super Clamp with Mounting Plate (1.2 lbs)
553832	PowerDMX Cable 4 Pin 3' (0.15 lb)
553833	PowerDMX Cable 4 Pin 10' (0.5 lb)
553834	PowerDMX Cable 4 Pin 25' (1.25 lbs)
553842	DMX Cable 5 Pin 10' (0.5 lb)
553843	DMX Cable 5 Pin 25' (1.25 lb)
553190	Kit Case BroadCaster (7.9 lbs) 18" x 14" x 7"

553951 LOCASTER LED AC SINGLE KIT (11.3 LBS)

(1)	553101	LoCaster w/stirrup
(1)	553110	Two Leaf Barndoor
(1)	553805	LoCaster Single Power Supply
(1)	570113	Baby Pin with 3/8" Threaded Stud
(1)	553190	Kit Case LoCaster

Total Power Draw of this kit is only 35W (<0.4 amp @ 120V; <0.2amp @ 220V)

553952 LOCASTER LED AC DOUBLE KIT (15.4 LBS)

(2)	553101	LoCaster w/stirrup
(2)	553110	Two Leaf Barndoor
(2)	553805	LoCaster Single Power Supply
(2)	570113	Baby Pin with 3/8" Threaded Stud
(1)	553190	Kit Case LoCaster

Total Power Draw of this kit is only 70W (<0.7 amp @ 120V; <0.4amp @ 220V)

553953 LOCASTER LED AC/DC SINGLE KIT (14.2 LBS)

(1)	553101	LoCaster w/stirrup
(1)	553110	Two Leaf Barndoor
(1)	553805	LoCaster Single Power Supply
(1)	553815	Caster Battery Pack with Charger
(1)	570113	Baby Pin with 3/8" Threaded Stud
(1)	553190	Kit Case LoCaster

Total Power Draw of this kit is only 35W (<0.4 amp @ 120V; <0.2amp @ 220V)

553954 LOCASTER LED AC/DC DOUBLE KIT (17.1 LBS)

(2)	553101	LoCaster w/stirrup
(2)	553110	Two Leaf Barndoor
(2)	553805	LoCaster Single Power Supply
(2)	553815	Caster Battery Pack with Charger
(2)	570113	Baby Pin with 3/8" Threaded Stud
(1)	553190	Kit Case LoCaster

Total Power Draw of this kit is only 70W (<0.7 amp @ 120V; <0.4amp @ 220V)

LoCaster Kits

The LoCaster Kit features LoCaster Panels and an attractive basic selection of accessories in a rugged and compact case.

The 553190 LoCaster kit case is configured to hold up to two LoCasters, mounting stirrups, barndoors, power supplies, mounting pins and up to four on-board batteries.

Additional Kit configurations which contain the ARRI LoCaster intensifier are available.



LoCaster LED AC/Single Kit #553951

Intensifier and Battery Accessories



553130 Foldable ARRI Intensifier doubles light output and decreases beam angle.



553815 Caster Battery Pack with Charger. Mounts onboard in stirrup.



LoCaster works with most after market batteries.

*Call for compatibility configurations

Dimensions (L x W x H)	8.7 x 3.75 x 2.75 in (220 x 95 x 70mm)
Weight	2.1 lbs
Input voltage	11 - 36 VDC
Luminous intensity	550 Cd @ 66° HPA(Beam Angle)
Luminous intensity w/intensifier	1100 Cd @ 33° HPA(Beam Angle)
Power consumption	35 watts
Operating temperature	-4°F - +95°F (-20°C - +35°C)
Storage temperature	-4°F - +140°F (-20°C - +60°C)
Protection class	IP20
Electrical safety	III (SELV)
Color temperature range	2800 K to 6500 K

Hybrid LED Kits

ARRI Hybrid kits are configured with both LED and Tungsten source lighting fixtures. These versatile kits draw less than 490W @ 120V in total for all units in the kit.

The central fixture of these Hybrid kits is the ARRI LoCaster unit. This LED unit has 6 selectable color temperature presets and an onboard dimmer. The unique mixing chamber insures a CRI over 90 and a "single source" for impressive shadow quality.

ARRI includes a complement of Tungsten based Fresnel units to complete the array of fixtures included in these Hybrid kits. Consider these beam shaping instruments for background and backlight while completing your composition with the energy efficient, versatile LED ARRI LoCaster.



H-2 "Hybrid" AC Kit (with wheels) #553961

553960 H-1 "HYBRID" AC KIT with wheels (37.4 lbs)

(2)	553101	LoCaster w/stirrup
(2)	553110	Two Leaf Barndoor
(2)	553120	Filter Frame
(2)	553805	LoCaster Single Power Supply
(2)	553833	Extension Cable 4 Pin 10'
(2)	570113	Baby Pin with 3/8" Threaded Stud
(1)	530100	150 Fresnel
(1)	530110	150 Barndoor
(1)	530120	Filter Frame
(1)	530150	Full Single Scrim
(1)	530152	Full Double Scrim
(1)	530143	ESP 150W Lamp
(3)	570051	AS-01 Stand
(1)	570112	Ceiling Scissor Clamp
(1)	571198	"Hybrid" Kit Case

Total Power Draw of this kit is only 220W (<1.9amp @ 120V)

553980 H-1 "HYBRID" AC KIT with wheels (for 220V)

Total Power Draw of this kit is only 220W (<1amp @ 220V)

553961 H-2 "HYBRID" AC KIT with wheels (36.5 lbs)

(1)	553101	LoCaster w/stirrup
(1)	553110	Two Leaf Barndoor
(1)	553120	Filter Frame
(1)	553805	LoCaster Single Power Supply
(1)	553833	Extension Cable 4 Pin 10'
(1)	570113	Baby Pin with 3/8" Threaded Stud
(2)	530100	150 Fresnel
(2)	530110	150 Barndoor
(2)	530120	Filter Frame
(2)	530150	Full Single Scrim
(2)	530152	Full Double Scrim
(2)	530143	ESP 150W Lamp
(3)	570051	AS-01 Stand
(1)	570112	Ceiling Scissor Clamp
(1)	571198	"Hybrid" Kit Case

Total Power Draw of this kit is only 335W (<2.9amp @ 120V)

553981 H-2 "HYBRID" AC KIT with wheels (for 220V)

Total Power Draw of this kit is only 335W (<1.6amp @ 220V)

553962 H-3 "HYBRID" AC KIT with wheels (40.6 lbs)

(2)	553101	LoCaster w/stirrup
(2)	553110	Two Leaf Barndoor
(2)	553120	Filter Frame
(2)	553805	LoCaster Single Power Supply
(2)	553833	Extension Cable 4 Pin 10'
(2)	570113	Baby Pin with 3/8" Threaded Stud
(2)	530100	150 Fresnel
(2)	530110	150 Barndoor
(2)	530120	Filter Frame
(2)	530150	Full Single Scrim
(2)	530152	Full Double Scrim
(2)	530143	ESP 150W Lamp
(3)	570051	AS-01 Stand
(1)	570112	Ceiling Scissor Clamp
(1)	571198	"Hybrid" Kit Case

Total Power Draw of this kit is only 370W (<3.2amp @ 120V)

553982 H-3 "HYBRID" AC KIT with wheels (for 220V)

Total Power Draw of this kit is only 370W (<1.8amp @ 220V)

553963 H-4 "HYBRID" AC KIT with wheels (39.5 lbs)

(1)	553101	LoCaster w/stirrup
(1)	553110	Two Leaf Barndoor
(1)	553120	Filter Frame
(1)	553805	LoCaster Single Power Supply
(1)	553833	Extension Cable 4 Pin 10'
(1)	570113	Baby Pin with 3/8" Threaded Stud
(1)	530100	150 Fresnel
(1)	530110	150 Barndoor
(1)	530120	Filter Frame
(1)	530150	Full Single Scrim
(1)	530152	Full Double Scrim
(1)	530143	ESP 150W Lamp
(1)	531300	300W Fresnel
(1)	531310	300 Barndoor
(1)	531320	Filter Frame
(1)	531350	Full Single Scrim
(1)	531352	Full Double Scrim
(1)	531340	300 FKW Lamp
(3)	570051	AS-01 Stand
(1)	570112	Ceiling Scissor Clamp
(1)	571198	"Hybrid" Kit Case

Total Power Draw of this kit is only 485W (<4amp @ 120V)

553983 H-4 "HYBRID" AC KIT with wheels (for 220V)

Total Power Draw of this kit is only 485W (<2.2amp @ 220V)

Photometrics

Distance	Unit	Unit w/ Intensifier
3 ft.	61 F.C.	122 F.C.
5 ft.	22 F.C.	44 F.C.
7 ft.	11 F.C.	22 F.C.

Unit is 550 Cd with a 66° Beam angle

Unit with Intensifier is 1100 Cd with a 33° Beam angle



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