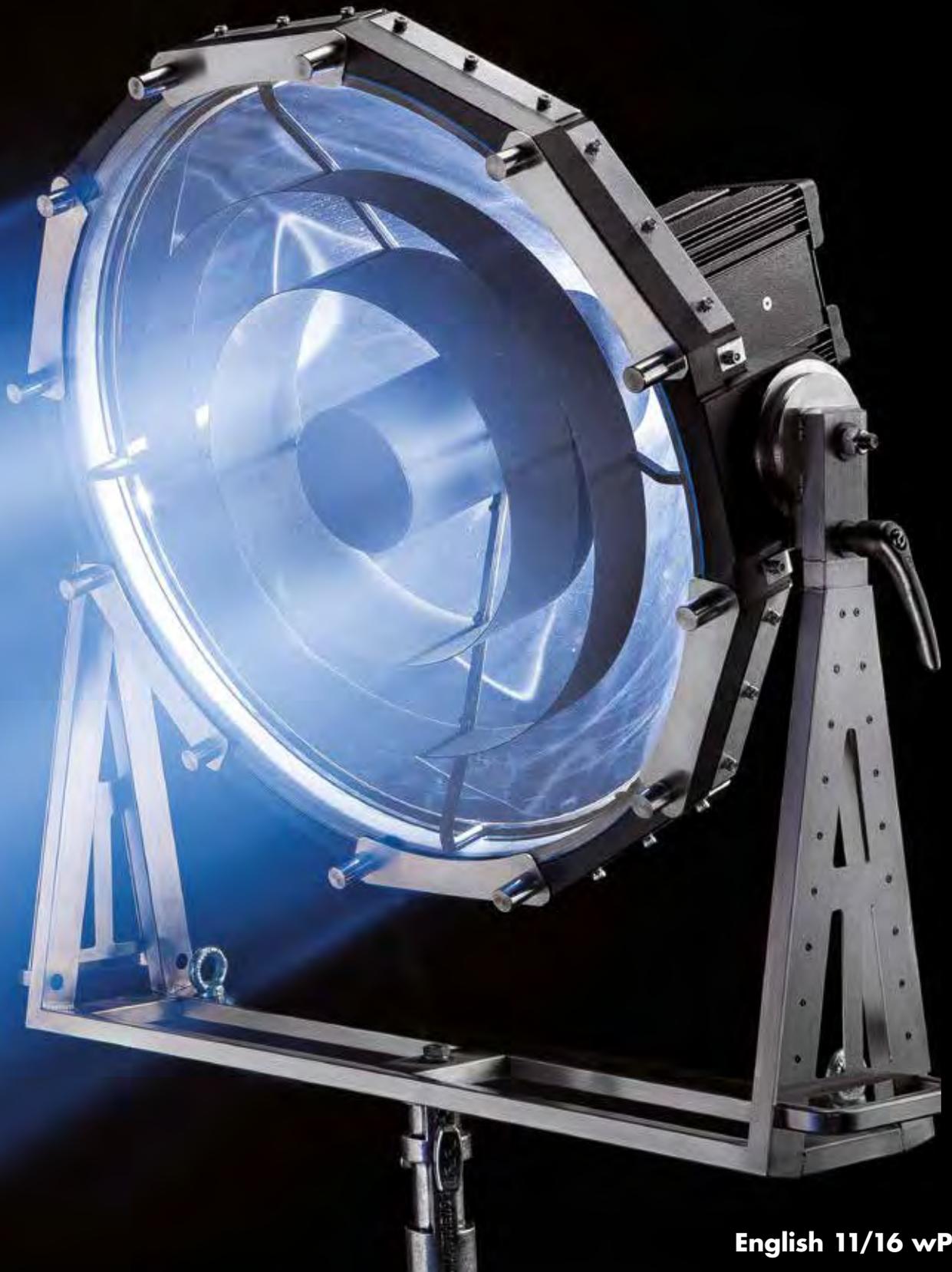


**BRANDNEW**



**DPB70 – PARALLEL BEAM PROJECTOR**  
**DPBA – PARALLEL BEAM ATTACHMENTS**



## DPB70 – PARALLEL BEAM PROJECTOR

**THE DPB70 IS A SPECIAL, PROFESSIONAL LIGHTING FIXTURE, PROVIDING A POWERFUL PARALLEL BEAM.**

Beam projectors are known in our industry, but this one is different in as much as it offers a very defined beam and at the same time a homogenous light distribution all across the beam.



This beam has a diameter of 70 cm (27,6"). The intended purpose for the DPB70 beam projector is within the CRLS Lighting System (Cine Reflect Lighting System), which is a new and different lighting procedure, intended to work with reflected light. The light reflection is done with different sizes of reflectors which also feature different surfaces for different lighting effects.

When using hard reflectors, it is also possible to reflect the light out of the beam and re-reflect it with another reflector, thus, if needed or desired, also changing the character of the light again by using reflectors with different surfaces.

When such a parallel beam projector carries its undiminished intensity over a long distance and is redirected by a large reflector in the entirety of the light output, the result is that a virtual light source is created at a considerable distance. This allows to disregard the ill-effects of the square law. In other words, talents/actors will be able to move in the reflected light without diminished light intensity when changing the position.

This system also allows to light major scenes without cluttering the set with many lighting fixtures, lighting stands and other paraphernalia.

Right now, there are two videos in which this system is explained. One by the originator of the CRLS system, Christian Berger, under the title 'River of Light'. Another one, where the chief gaffer, who has worked with Christian on many such projects furthermore explains the system as we demonstrated and recorded it at one of our international dedolight agent meetings.



Find on **YouTube**



• A RIVER OF LIGHT -  
Interview with DoP  
Christian Berger about CRLS



• The Beauty of Reflected Light

The DPB70, which is also offered under the definition CRLS 70, works with a very special 1200W metal halide lamp. This lamp has been specially designed and adapted for use in this lighting system, helping to smoothen out the light distribution within the beam. Better homogeneity all over, allowing the reflected light system to work smoother in such a way that when a reflector is inserted into the beam, the depth of insertion also works as a method to change the intensity (proportion) of the reflected light. In such a way it works like an opto-mechanical dimmer, allowing

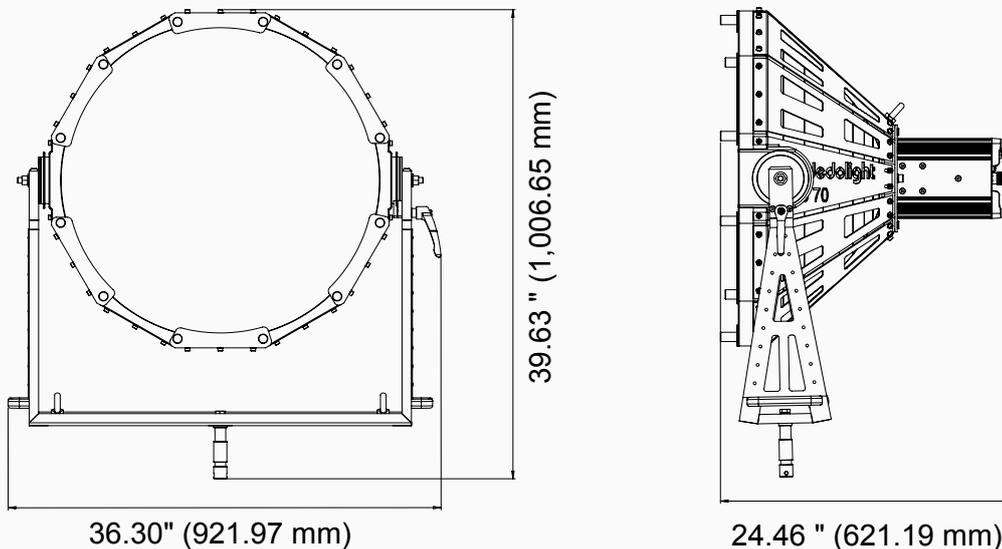
to fine-tune the intensity of the light taken out of the main beam and being directed towards the area to be lit, directly or through another reflector, changing direction again.

The unit is powered by the dedolight DEB1200D ballast which also allows dimming of the light source by about 30% and works flicker-free and quietly. It features DMX control.

The choice of reflectors and mounting accessories is to be found in another leaflet.

## DPB70 TECHNICAL DATA

<b>Overall outer dimensions:</b>	92 x 106 x 621 cm
<b>Weight:</b>	49.8 kg (109.8 lb)
<b>Light source:</b>	special design, 1200W metal halide lamp with G22 socket specially adapted for function within the PB70 light fixture
<b>Power consumption:</b>	1200 W



### SETDPB70 14,764.00 €

Complete parallel beam light head with ballast, cable and lamp

### DPB70 11,775.00 €

Parallel beam light head (no lamp)

### DL1200DHR-NB-F 205.00 €

1200 W daylight discharge lamp

### DEB1200D 2,544.00 €

1200W ballast incl. AC cable

### DPOW1200D 240.00 €

7 m (23ft) cable light head to ballast

## PARALLEL BEAM ATTACHMENTS



For smaller sets, requiring smaller parallel high intensity beams, we provide a parallel beam adapter DPBA14 which is constructed with non-spherical optics to match the double non-spherical optics of our DLH400DT light.

This light, already in its original state, offers an incredible range from flood angle to very tight spot, nearly 4%. The amazing fact is that by adding the DPBA-14, the non-spherical parallel beam adapter, you put the light head in a position of full flood or near full flood, and the light output is two times or even more in comparison to the original light output in its spot position. This, making it a very useful, very powerful, very clean beam. Stray light can be diminished by a honeycomb front attachment for the parallel beam attachment.

A similar parallel beam attachment is also provided for our DLH200DT metal halide light fixture and works in a similar way with a smaller diameter and less power. (DPBA-7)

These optical attachments can also be used on some (not all) of our new LED light fixtures. They will definitely also work on our halogen light fixtures DLH650, as well as the classic low-voltage dedolights DLH4, 150W fixtures.





**DPBA-14**

**435.00 €**

Parallel beam attachment for DLH400DT dedolight metal halide light fixture, DLH650 tungsten fixture and DLED9-D/T monochrome LED fixtures



**DPBA-14HON**

**54.00 €**

Honeycomb for DPBA-14





**DPBA-7**

**185.00 €**

Parallel beam attachment for classic dedolight low-voltage halogen (DLH4), as well as 200 W metal halide

**DPBA-7HON**

**36.00 €**

Honeycomb for DPBA-7 attachment



# PHOTOMETRICS – DPBA-7 / DPBA-14

<b>DPBA-14</b>  works with: DLH400DT, DLH650, DLH652T, DLED9-D, DLED9T		Lux @ 1m	Lux @ 2m	Lux @ 4m	
		DLH400DT (direct) flood position (50°)	11.950	3.240	861
		DLH400DT (direct) medium position (30°)	22.930	6.868	1.862
		DLH400DT (direct) spot position (4,5°)	112.000	27.565	8.774
		DLH400DT (direct) parallel beam attachment flood position (50°)	225.000	59.530	17.010

<b>DPBA-7</b>  works with: DLH4, DLHM4-300, DLH200DT		Lux @ 1m	Lux @ 2m	Lux @ 4m	
		DLH200DT (direct) flood position (48°)	5.017	1.389	363
		DLH200DT (direct) medium position (30°)	13.350	3.639	990
		DLH200DT (direct) spot position (4,5°)	48.660	12.165	3.477
		DLH200DT (direct) parallel beam attachment flood position (48°)	86.340	24.440	6.427

All prices are ex stock Munich, excluding V.A.T. All specifications and prices are subject to change without prior notification.



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