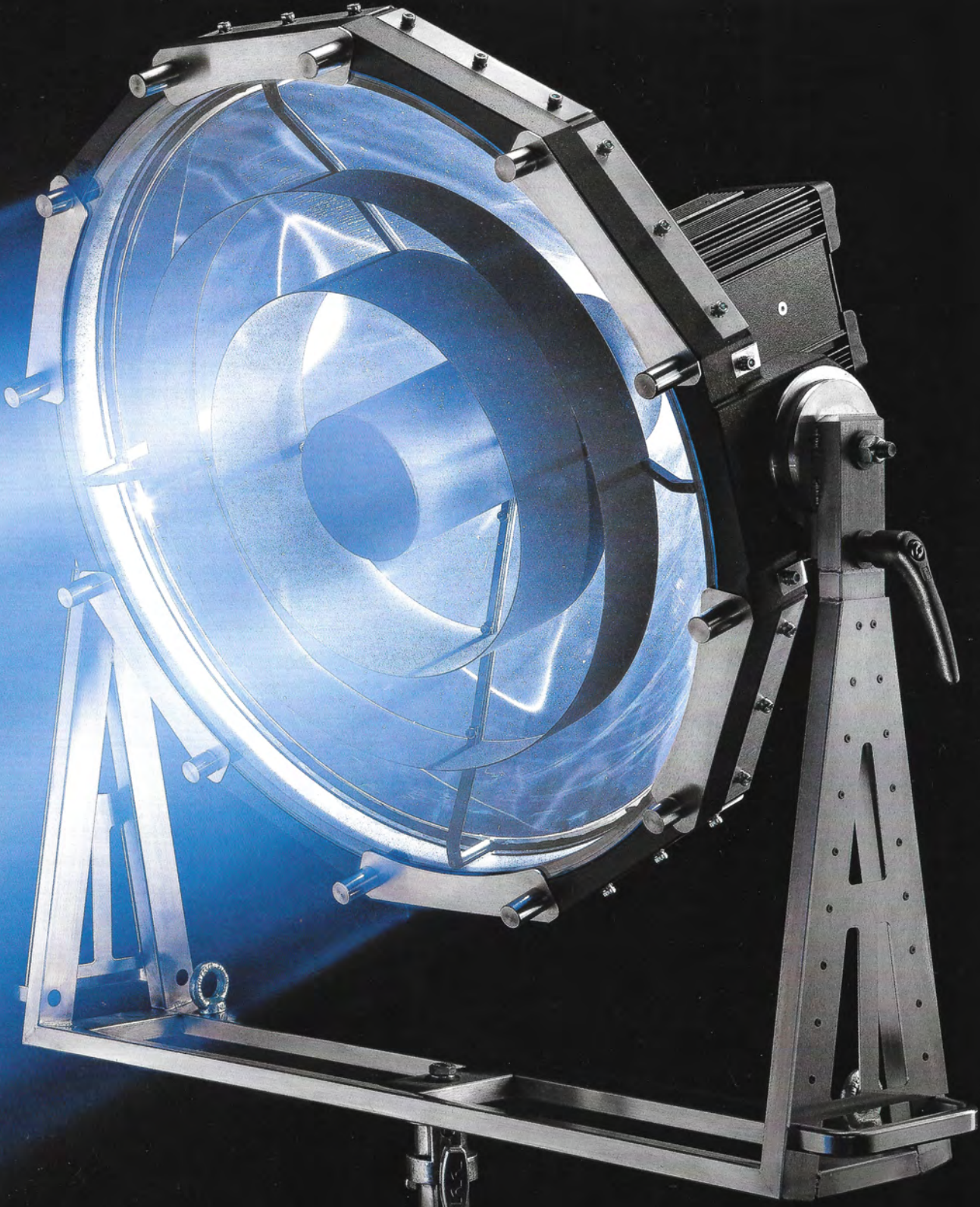
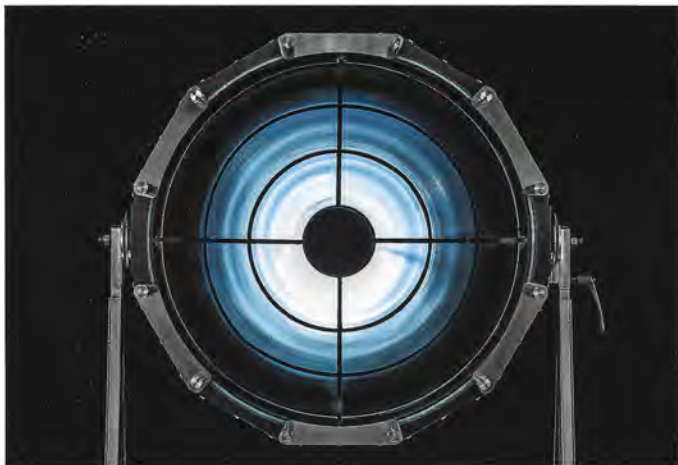


PARALLEL BEAM



DPB70



The PB70 is the largest and most powerful of the parallel beam lights, mainly directed at the use in Lightstream Drama applications. Beam projectors have been known in our industry, but this one is different, as much as it offers a very defined beam, and at the same time a homogenous light distribution all across the beam.

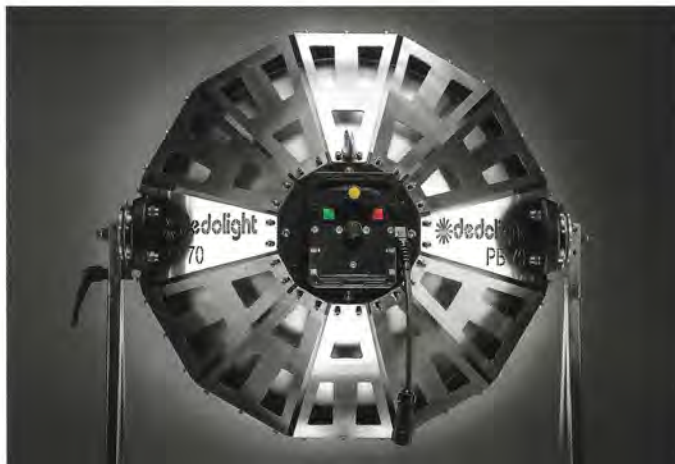
The beam has an exit diameter of 70cm, 27.5 inches. This parallel beam light fixture can be used for the appearance of a natural light source, being far away by virtue of its character, and its over-ruling of the square law. For this reason, this light fixture has already been chosen for some major film projects to simulate sunlight because of its natural and unique character.

When operating this light fixture with reflectors, there is a choice of the largest reflector that we currently provide, using a 100 x 100 cm reflector surface (usually the # 1 type) to redirect the light in an opportune direction, without much change to the beam diameter and the beam character, and without causing much noticeable stray light. Especially, when such a large reflector, redirecting the entirety of the beam, is

used, the result is a virtual light source at considerable distance. Thus, talent/actors are able to move in the reflected light, without diminishing light intensity when changing position.

This lighting instrument can therefore be used with a large reflector to redirect the light beam in its entirety, or can be used with a multitude of smaller reflectors, to direct parts of the beam in different angles and directions.

Often, a multitude of reflectors is used for secondary and third reflectors, to change the direction of the light, to change the character of the reflected light, and thus, lighting entire scenes from a single light source. The side effect of such lighting practice is to eliminate a lot of lighting paraphernalia from the set without cluttering the set with many fixtures, lighting stands, flags and other instruments.



Sometimes the entire diameter of the parallel beam gets redirected by a large reflector (1x1 meter), no. 1 type.

Other times, several smaller reflectors share the beam to redirect the light simultaneously to several directions and further reflectors.

The deeper you insert the reflector into the beam, the more light becomes active. Thus, you choose a level of intensity without changing color or character. (You could call this: opto-mechanical dimming)

The Lightstream beam light and reflector systems' great achievement consists in the fact that we achieve all this without altering the color quality or character of the initial light.



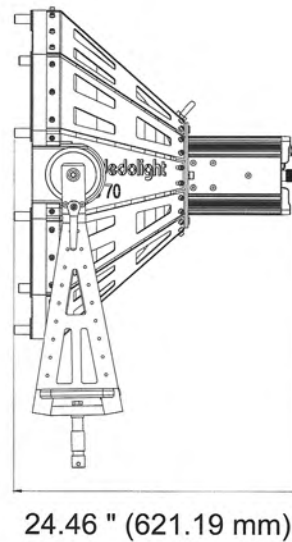
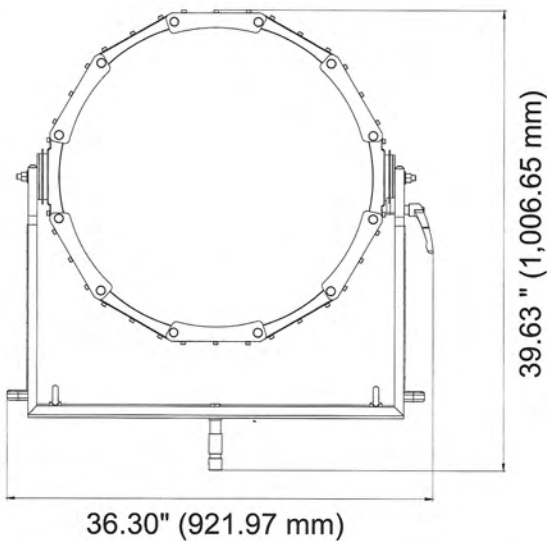
DPB70 TECHNICAL DATA

Overall outer dimensions: 92 x 100 x 62 cm

Weight: 49.8 kg (109.8 lb)

Light source: special design, 1200W metal halide lamp with G22 socket specially adapted for function within the DPB70 light fixture

Power consumption: 1200 W



The PB70 light is powered by the dedolight DEB1200D flicker-free ballast, which also allows dimming of the light source up to 40% and operates quietly and can be controlled by DMX signals.

The PB70 is rainproof and therefore suitable for lighting setups in exterior and continuous use, even under adverse conditions.

The beam can further be cleaned from remaining parasitic light by adding a honeycomb, which reduces the light output only minimally.

A filter holder can be added for total or partial filtering with gel filters.

A transport case is available (Code: DCHD70, Euro 930) to receive the light head, as well as the ballast or necessary cabling, and three sets of reflectors, as well as a choice of mounting/grip equipment.

SETDPB70

Complete parallel beam light head with ballast, cable and lamp

DPB70

Parallel beam light head (no lamp)

DL1200DHR-PB

1200 W daylight discharge lamp

DPB70HON

Honeycomb

DPB70FH

Filter holder

DCHD70

Transport case

DEB1200D THE ELECTRONIC BALLAST



DEB1200D Electronic Ballast

- Leading edge technology
- Low heat dissipation
- Silent ventilator remains off during normal operation and operates under high heat conditions only
- Active power factor correction (PFC)
- Funkl range from 90-264V AC
- Overload protection
- Surge protection
- Short circuit protection
- Auto start function
- DMX control is included
- Rainproof construction
- The ballast can be opened within 30 seconds – like a book
- Full access to all elements and electronics

DPOW1200D Cable

Connection cable between light head and ballast

Technical Data: DEB1200D Electronic Ballast

The frequency to operate the lamp is switchable from normal flicker-free function to 1000Hz for high-speed recordings

Weight:
11.4 kg

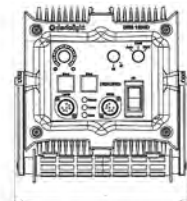
Output Power:
1200W

Input Voltage:
90-264V AC *

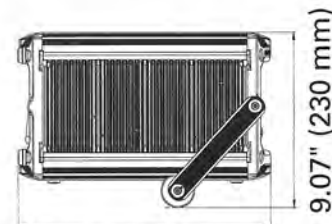
Indicators:
3 Status-LEDs (Ready, Lamp, Heat)

Dimming range:
100 - 60%

DMX-Control
DMX control and auto start mode can be chosen.



9" (225 mm)



12.95" (328 mm)

9.07" (230 mm)

Stand mounting optional with double-holding clamp: DEB1200H

*) functional range including tolerances