

**sweet beams
are made
of this**

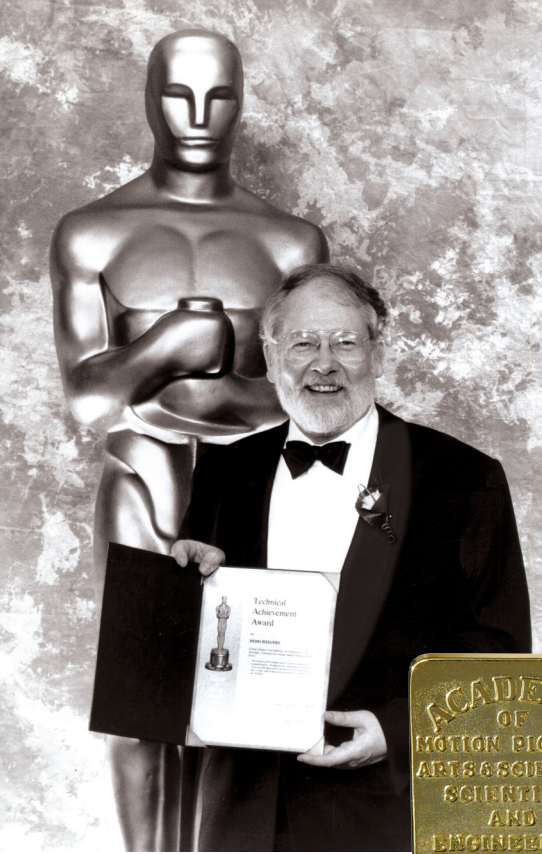


dedolight's Academy awarded optical achievements provide higher efficiency, which puts us in a class of its own regarding media green tech and ecology.

 dedolight®

PRECISION LIGHTING INSTRUMENTS

04/23



The clean-beam concept.

- within the beam even + homogenous
- outside the beam: nothing, no stray light
- far reach (1:25) no unwanted shadows

Precision Lighting Instruments





Traditional
150/300 Watt
Halogen

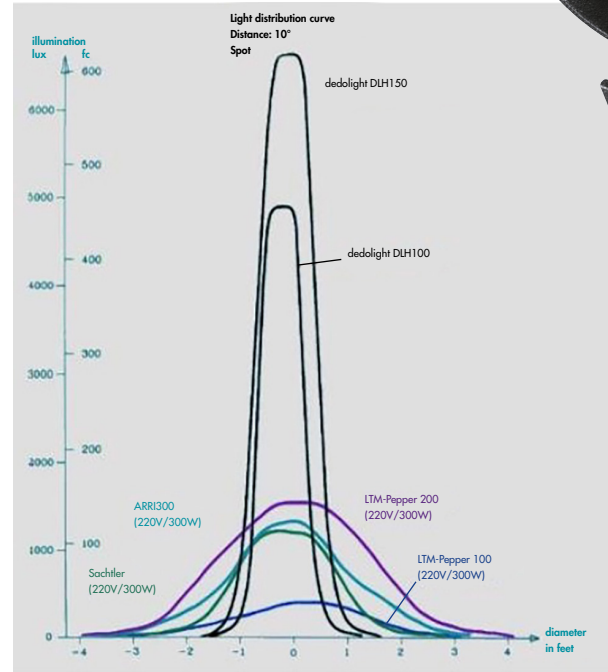
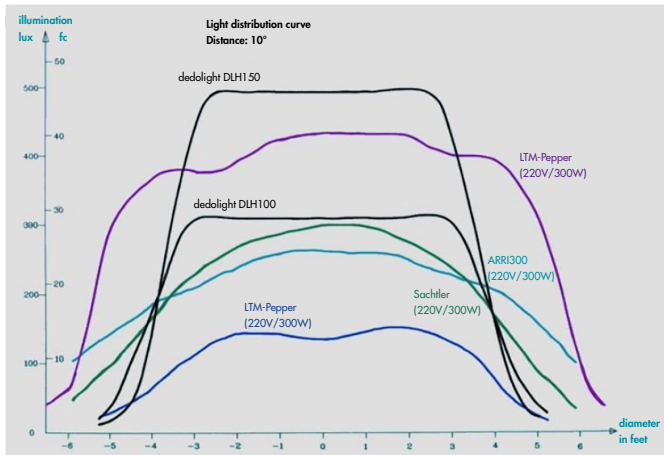
1:3

In addition to higher focus
range further reach with
the clean-beam concept



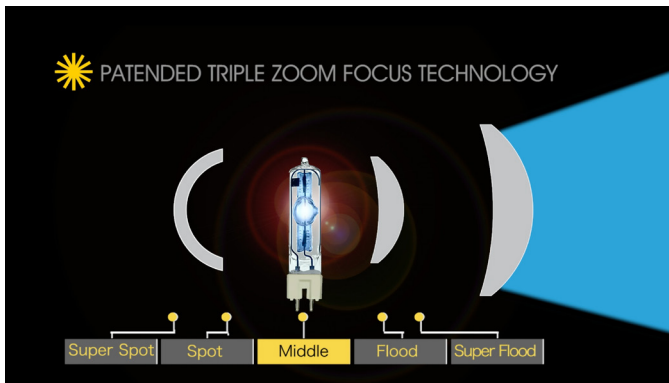
1:25

dedolight
DLH 150 Watt



We transferred these qualities into the realm of discharge lights, metal halogen (HMI).

HALOGEN



Interactive Animation
Carrier Movement

Higher consumption/output ratio.
3x focus movement.
No health hazard from such discharge lamps.
Awarded by the Oscar Committee.
Traditional focus range 1:3, max.
1:5.



DLH400, 1:20

METALHALIDE (HMI)

4°



For the world of reflected light – dedolight Lightstream – we designed the parallel beam intensifiers.

Example: DLH400

Focus range: 1:20

Spot exit angle: 4°

4°

+500%



Now we add the magic intensifier, we keep the 4° exit angle, but gain 500% extra output (maintaining identical power consumption).

The same is true in variations for 50!!! focusing dedolight fixtures with individual versions of DPBA, the magic parallel beam intensifier.

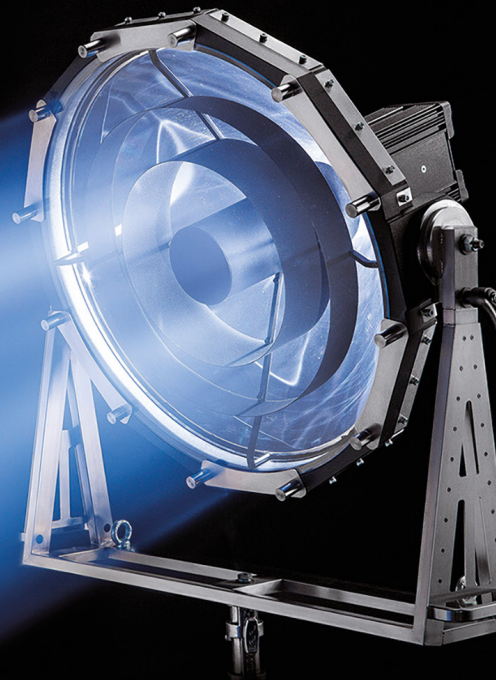
„Infinity Lighting“

For many years now, our largest tool in the world of reflected light is the PB70, which consumes 1200 Watt, but provides at 20 m distance 50% higher intensity than an Arri 9K HMI light in spot position.

The PB70 will now also be available in 2.5K with even higher output.

These unique lights offer the added scenic benefit that the light does not derive from the instrument, the actual light fixture, but from a virtual light source, a long distance behind the light.

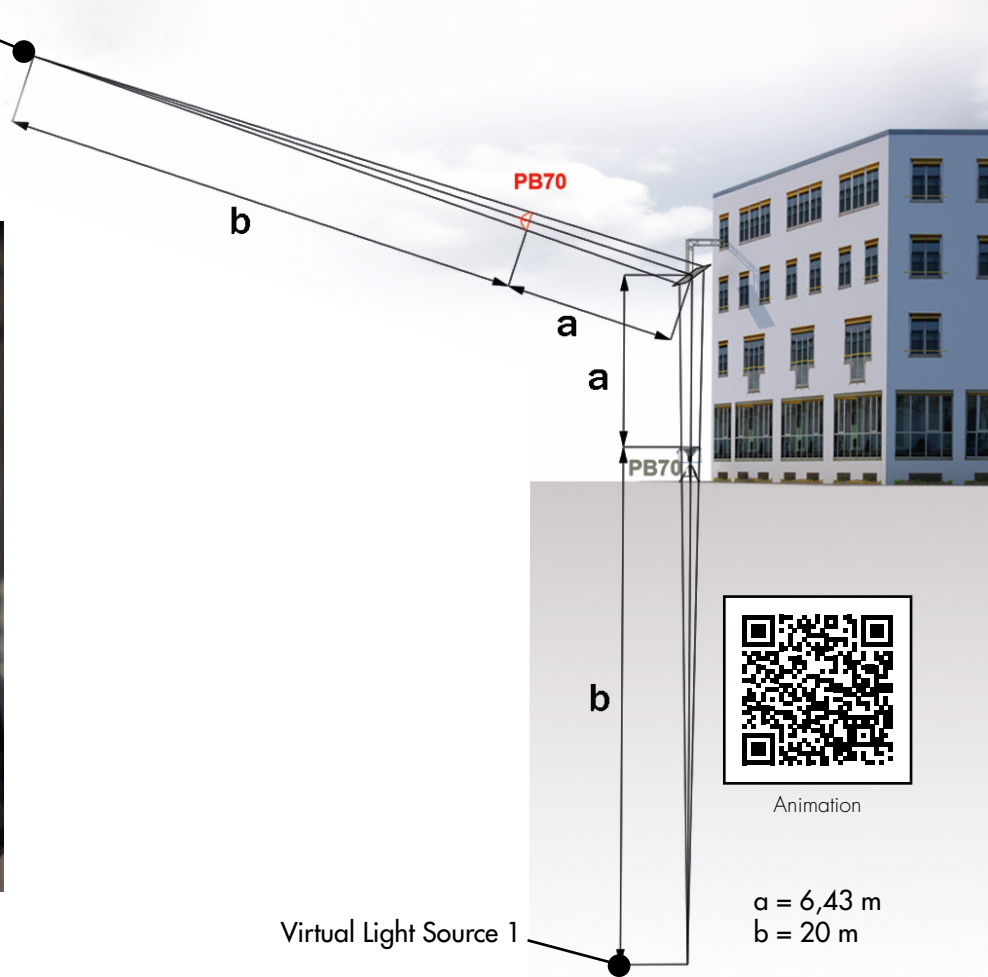
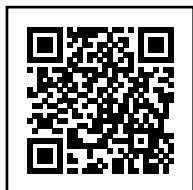
Thus, allowing the illusion of natural light, deriving from a very far distance.



Virtual Light Source 2



Adam Chambers (Gaffer in Hollywood) about his experience with the dedolight parallel beam light „DPB70“ on location (Replicating the sun with „DPB70“)



	Lux @ 5m	Lux @ 10m	Lux @ 20m
DPB70 1.2K	112.000	68.000	18.100
Arri M40 4K	77.500	19.375	4.844
Arri M90 9K	209.500	52.375	13.094



Lightstream Lite

Another outstanding example is found in dedolight Lightstream Lite system, where one LED bicolor light with only 40 Watt!! consumption multiplies its output by 8 times, again with the magic parallel beam intensifier DPBA610, simultaneously feeding 5 reflectors, which further activate more reflectors, to light an entire scene (set).



DSCLSCBM



Exploring dedolight
Lightstream LITE

Lightstream

TABLE
TOP  dedolight®

Durability, longevity give
our tools the myth of being
indestructible.



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The Basic Kit -
a Demonstration