

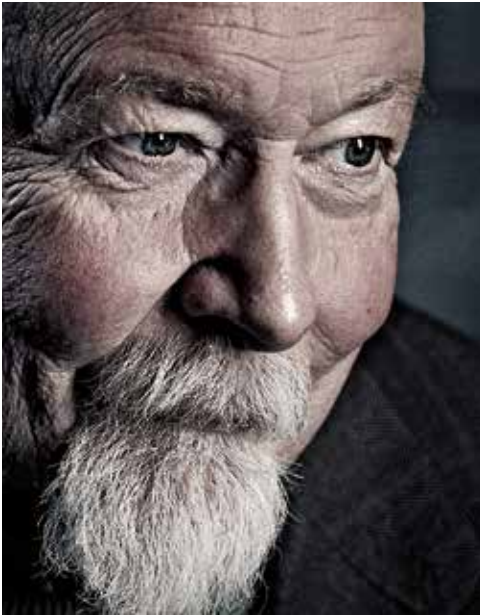


PRECISION LIGHTING INSTRUMENTS



NEWS 2015

ENGLISH 09/2015



My name is Dedo.

I am a cameraman/Director of Photography.

I've shot documentaries, commercials, art films, features and theatre plays in over forty countries. I am also a high-speed specialist (film and video). Today, dedolight is widely known and acclaimed for precision lighting instruments.

I am very proud of my unique team at dedolight.

No manufacturer in our field has as many experienced, recognized and practicing Directors of Photography in the Team as we do.

We listen to and enjoy the dialogue with some of the best known cinematographers shooting multi-million dollar blockbusters as well as the intensely creative small crews who shoot under street fighter conditions. Many ideas and constructive criticism comes from these colleagues.

Our research and development is done "in-house" and I am very proud of our exceptional team of optical engineers, electronic geniuses, computer gurus and seasoned high class mechanical engineers. We collaborate with several light source manufacturers and continue to develop better, more efficient and precise light sources. We combine leading edge optical design (over 30 patents) with the most modern fixture and ballast concepts. We remain committed to create the best possible tools and control devices in precision lighting for the professional.

We are proud to introduce the latest marriage of prime class LED technology with our patented double aspherical dedolight optics and LED panel soft lights.

dedolight provides the highest optical precision and unique tools for light control and light shaping. These are available in an eco-friendly halogen version, new tungsten metal halide – interchangeable with our daylight metal halide sources and several versions of the best LED technologies in the dedocolor® quality! We value the extraordinary team of dedolight agents around the world. Many share common roots in the practicing profession and an enthusiasm and dedication to the art of lighting.

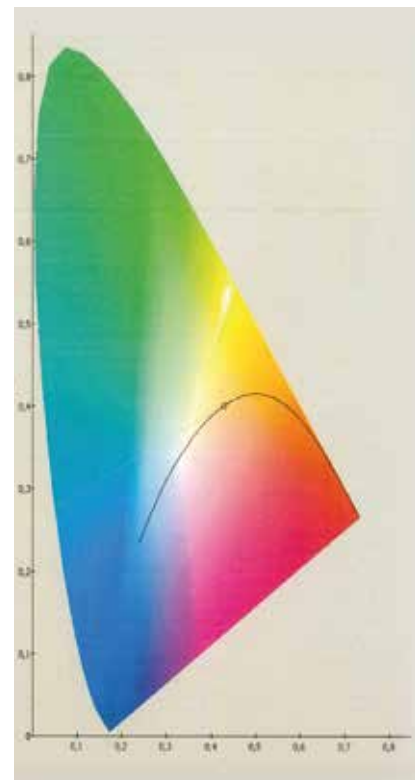
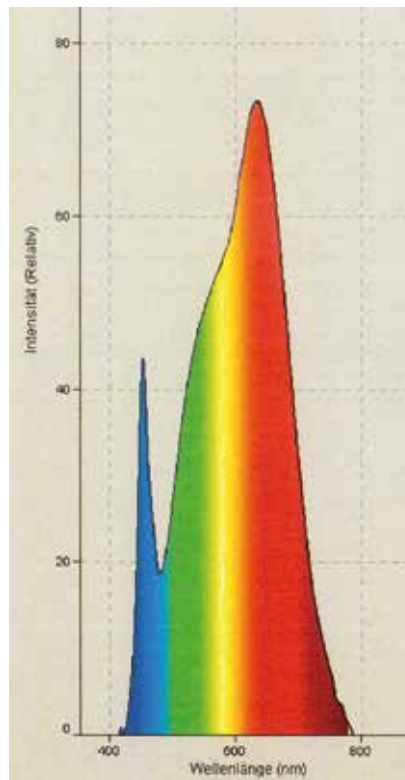
LED BREAKTHROUGH

Digital cameras see LED light differently than tungsten/daylight sources. Additionally cameras interpret these light sources differently from each other. Color temperature meters are unable to see the full spectrum and therefore do not work for the evaluation of LED light. Samples are only taken in three or four places of the spectrum (narrow band filters). Spectrum analysis and CRI values offer a serious step for evaluation, but usually do not include colors called R9, which is a very important and critical red value, and R13 - skin tone. Even expanded CRI evaluations do not offer reliable criteria.

TLCI (Television Lighting Consistency Index), the new standard of the European Broadcasting Union (EBU), offers a better and more reliable base for the way studio cameras see LED light. These studio cameras usually work with three CCD sensors. Thus, the results are not really indicative for the way different CMOS cameras see LED color. Only practical tests with many different cameras and shooting different skin tones in reference light comparisons bring us closer to the target.

dedocolor

dedocolor finally offers values and properties which bring us very close to the target, even under critical conditions, and even in most mixed light situations.



Spectrum display (left image) and color coordinates showing our DLED4 bicolor light (in tungsten function) dead on the Planck Curve (right image).

CRI Ra (1-8)	97
CRI Ra' (1-14)	96
CCT	3112K

R1	R2	R3	R4	R5	R6	R7	R8
98	98	95	97	96	95	98	96
R9	R10	R11	R12	R13	R14	R15	
89	92	96	95	98	96	89	

Measurements with our 40W DLED4 bicolor light in tungsten function
Expanded CRI evaluation: 15 colors

NEW:

FELLONI2

Our multi-LED panels - the FELLONI's - are now available in FELLONI2 version with distinctly enhanced light output, without increasing power consumption. This leads to a noticeable increase in light efficiency.

dedocolor FELLONI

The dedocolor FELLONI are multi-LED panels with the highest color quality (CRI approx. 95). These LED panels will have the high light output and efficiency of the traditional FELLONI's, but with optimum color quality.

The dedocolor Felloni is priced about 25% higher than the Felloni2

Focusing LED lights present special challenges regarding color distribution.

Specially developed LED light sources in combination with our patented double-aspheric technology (recognized by the Oscar committee for Technical Achievement) have allowed us to provide five different dedolight DLED focusing LED light fixtures.

All deliver perfect light distribution, the widest focusing range in the industry and allow the use of our unique line of light shaping accessories.

- Available in daylight, tungsten and bicolor. Bicolor is variable from 2700K to 6500K
- Passive cooling – no fan, no noise – for all of our focusing LED lights from 8 W to 90 W
- Active Cooling with our DLED12 (250 W) - probably the most quiet solution.

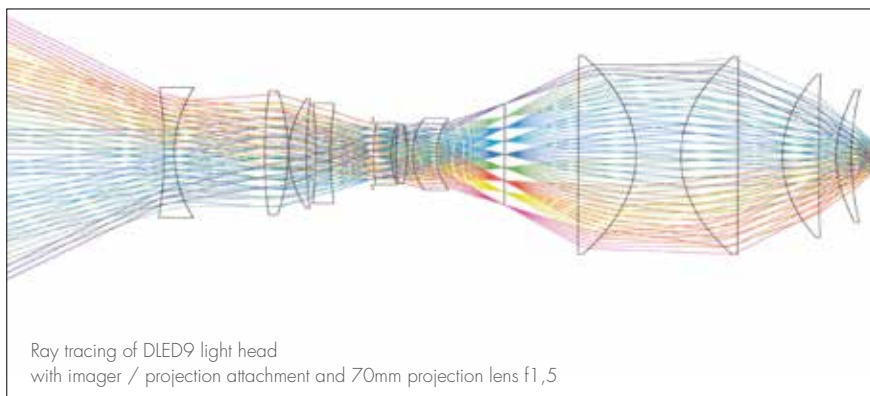
Health hazards

In the past with metal halide lamps the hazard was with the short wave-length ultraviolet, possibly causing skin cancer and cataract.

In this field we have always offered the world-wide lowest and safest uv-value.

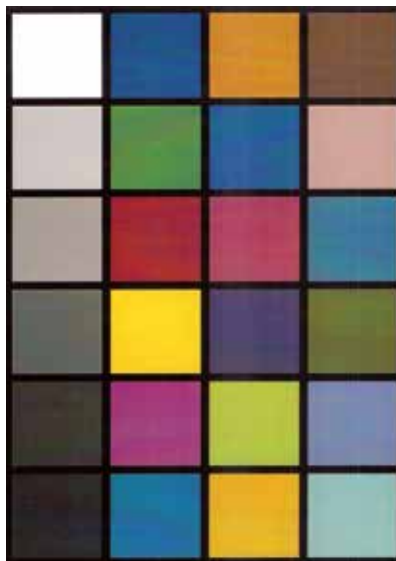
With LED light sources an additional hazard can be found, caused by the unavoidable **blue peak**. New criteria have to be applied as in bio-hazard standard EN6247.

Our products comply with the requirements of bio-hazard standard EN6247 in the category of "exempt" (without any health hazard criteria).

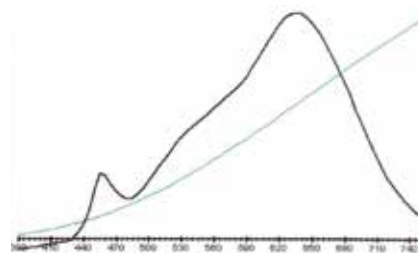


DLED4-BI Tungsten 00004: CCT = P2629 (- 0.3)
TLCI (P2629)

Television Lighting Consistency Index – 2012



Sector	Lightness	Chroma	Hue
R'	0	0	0
R/Y	0	0	0
Y	0	0	0
Y/G	0	0	0
G	0	0	0
G/C	0	0	0
C	0	0	0
C/B	0	0	0
B	0	0	0
B/M	0	0	+
M	0	+	+
M/R	0	0	0



TLCI evaluation of the above mentioned light with TLCI values 97 in bicolor version and its lowest color temperature 2629K.

DEDO TIMES

www.dedotimes.com

Read the latest news, information and stories about your favorite light and camera accessories at Dedo Times.

Find current press releases, exclusive interviews, articles and valuable training videos for film video and photo.

DEDO TIMES – Covering personal, technical and creative aspects of modern image culture.
Register for alerts and don't miss anything!



<http://www.youtube.com/user/dedoweigertfilm>

- EASY LIGHTING FOR THE SMALL TEAM - tutorial videos
- LEARN LIGHTING FROM THE MASTERS - tutorial videos
- DEDOLIGHT LIGHTING INSTRUMENTS & TOOLS - videos about our unique products
- DEDOLIGHT IN PHOTOGRAPHY - photo shootings and interviews made with dedolight
- INTERVIEWS / BEHIND THE SCENES - learn more about how professionals use our products and a lot more...

COMPLETE RANGE OF FOCUSING DEDOLIGHT LED FIXTURES

5 DIFFERENT SIZES:

They all share common properties.

- State-of-the-art light source with features exclusively developed by dedolight and highest dedocolor® quality
- dedolight patented aspherical optics
- Providing astoundingly high efficiency
- Unprecedented focusing range (wider/tighter)
- dedolight clean beam concept. Controlled precision beam with no stray light outside and perfectly even light distribution within the beam
- All provide excellent color in tungsten, daylight and bicolor version
- The unique DLED9 and DLED12 were designed for studio application, but will also work ideally for mobile, scenic production.
- With the exception of DLED12, all our focusing LED fixtures described in this catalog work with effective passive cooling without fans.
- Complete light-shaping control
 - Precise barn door shadows.
 - Scrims
 - Graduated gray filters
 - Aspherical wide-angle attachments with rotating barn door leaves
- dedolight imager - projection attachments for:
 - Light framing
 - Soft edge light framing with eye filters
 - Gobo projection
 - Background effect projection
 - Slide projection



With the exception of our 8 W Ledzilla and DLED2 (20W) all of these lights are available both as mobile and studio versions. The studio versions are also offered with pole operation and/or DMX control (DMX is standard for the DLED12).

Especially for mobile work it can be of great advantage that all our bicolor versions are tunable from color temperatures below tungsten (2700K) all the way beyond daylight (above 6000K).

Our on-board Ledzilla light, which has also been used off board for complete lighting setups is our smallest and one of our best-selling LED lights. Now, in new versions with added capabilities, in both daylight and bicolor versions (also IR + UV).

LED



***dedocolor®**



YOUR DREAM - OUR FOCUSING

Complete Range in 5 different sizes

- * Patented aspherics² dedolight Optics
- * Unprecedented Focusing
- * Astounding Light Efficiency



COMPLETE RANGE OF

LED LIGHTS



LED LIGHTS

and systems for on-board, off-board, mobile, studio & special effects.

- * Perfectly Even Light Distribution
- * Perfect **dedocolor**® (Tungsten, Daylight, Bicolor)
- * Complete Range of Light Shaping Control Tools



LED PANEL LIGHTS

DLED2 LED SMALL, POWERFUL, VERSATILE

Dedolight Patented Aspheric Optics in combination with specially developed LED light sources in daylight and bicolor variations. For use as on-board or offboard light, multi-functional and versatile as tiny interview and documentary lighting, for accents and special effects. Especially useful and versatile in combination with FELLONI bicolor multi-LED panels.



DLED2-D

Monocolor. Continuous dimming with no color shift, with integrated electronics and 16 mm (5/8") stand fitting.



DLED2-BI

Same as image (A), but in bicolor version. Continuous dimming with no color shift. Color temperature range 2800K - 6000K. One of the knobs serves for dimming, the other one for continuous change of color temperature.

Mounting



Hot shoe mount can be exchanged by the user to stand fitting and vice versa, as shown above.



DLED2HSM - D / - BI

Similar to A, but with hot shoe mount for camera mounting

Note: This version can be mounted directly on the camera (hot shoe) or with adapter DLBSAJSF used on stands with 5/8" stud.

DLBSA-JSF

16 mm (5/8") receptacle to hot shoe mount adapter.



Battery Power Supplies



DLED2-BS

Battery shoe for DLED2-D/-BI. Accepts NP-F950/960/970 batteries (7.2V/47Wh)



DLED2-BSU

Battery shoe for DLED2-D/-BI. Accepts Sony BPU-60 battery (14.4V/56Wh)



DLED2-BP

Battery shoe for DLED2-D/-BI. Accepts CGA batteries (7.2V)

Light Control



DBDS8

Standard 8-leaf barn door for DLED2 light head.

DBDS

Optional 8-leaf barn door with individually rotating barn door leaves



DLED2-SBX and DLSR60

soft box and speedring



DP1S

Imager/projection attachment for Gobos and background effect filters



DP2S

Imager/projection attachment with adjustable blades

Focusing 20W LED daylight and bicolor light head with yoke and 16 mm (5/8") receptacle or with yoke and shoe mount. Separate DT2-BAT, DT2-BI-BAT, or DT2-BI-BAT-DMX electronics needed.



DLED2Y-D / -BI

separate light head for use with ballasts (ballasts shown below)

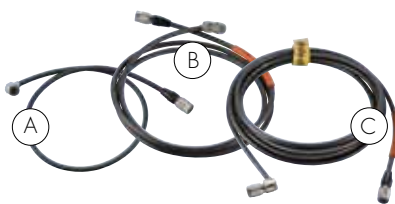


DLED2YHSM-D/-BI

with hot shoe mount

Cable to light head

three sizes of connecting (yoke versions)



(A) DLED2POW0.55

Connecting cable to light head, 2' (55 cm) long

(B) DLED2POW1.4

Connecting cable to light head, 5' (140 cm) long

(C) DLED2POW3

Connecting cable to light head, 10' (300 cm) long

DC Ballasts

DT2-BAT

Dimmable monochrome ballast for DLED2Y-D/T and DLED2YHSM-D/T. Dimming with no color change. Input: 6-18 V DC

DT2-BI-BAT

Dimmable bicolor ballast for DLED2Y-BI and DLED2YHSM-BI. Dimming and continuous change of color temperature from 2800 to 6000K. Input: 6-18 V DC

DT2-BI-BAT-DMX

DC electronics for DLED2Y-BI and DLED2YHSM-BI with DMX control for continuous change of color temperature from daylight to tungsten.

Input Cables

for DC Ballasts

DLOBML-XLR

Coiled cable 25-51" (65 cm - 1.30 m) with 4-pin XLR connector

DLOBML-CAR

6 ft. (1.8 m) with cigarette light connector

DLOBML-AB-S

9" (22 cm) with Anton / Bauer connector

DLOBML-AB-L

22" (55 cm) with Anton/Bauer connector

DLPS12-30

Mains power unit with connector set EU, USA, AUS, UK
If needed, the power feed between ballast and AC adapter DLPS12-30 can be elongated by extension cable DLPS12-EXT (length 8' / 250 cm)



LiTH 95SI battery, 95 Wh

- V-lock mount
- 14.8V 95Wh
- Max. discharge rate up to 10A
- Input voltage for charger 90V - 240V (Including charge cable. Specify power plug needed for your country.)
- Integrated charger
- Compatible with all V-mount plates
- 5-pin connector allows communication for camera and all other V-lock equipment



DLBCA2-V

V-Mount plate with belt loop, D-tap output. and holding plate for DT2(BI)-BAT power supply.

Note:

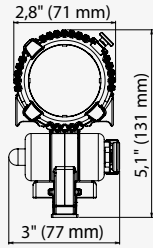
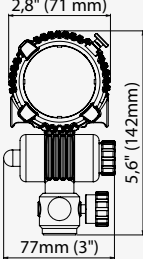
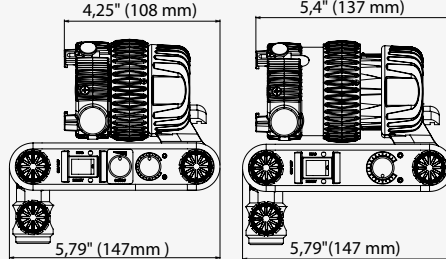
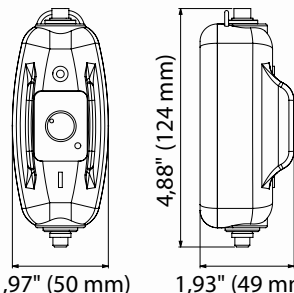
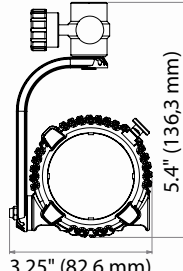
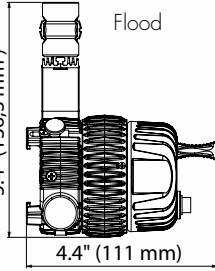
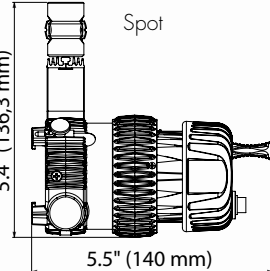
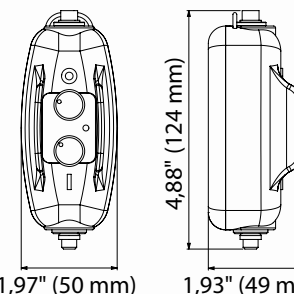
LiTH 95Wh battery with integrated charger and V-Mount adapter can be used on a belt and also hung on the knob of a stand (loop). This device also serves to feed DLED4 in all its various versions (see following pages).



DLBCA2-NPF

Sony NPF plate with belt loop and holding plate for DT2(BI)-BAT power supply.

DLED2 TECHNICAL DATA

DLED2HSM	DLED2		DT2-BAT – DC Ballast	
				
DLED2Y				
				

FOCUSING LED LIGHT HEAD: DLED2-D, DLED2-BI	
Focus Range (Intensity Range)	50°-5° (1:7)
Focus Control	3/4 turn on focus ring
Power	25 W, 6-18 VDC
Mounting	5/8" (16 mm) receptacle and 1 1/8" (28 mm) stud OR: optional with shoe mounting (e.g.: DLED2HSM-BI) OR: with yoke and separate power supply (e.g.: DLED2Y-BI)
Operating Position	Any, except electronics directly over light head
Tilt Control	Adjustable friction
Accessory Holder*	Ø 2.3" (58 mm)
Safety	Protection Class III, SELV, IP40
Cooling	Passive cooling (no fan)
UV	No UV radiation
Weight	1.8 lb (800 g)
Size	W: 3.1" (79 mm) L (flood): 5.87" (149 mm) L (spot): 5.87" (149 mm) H: 5.6" (142 mm)
* for mounting the unique range of DLED2 front-end accessories	

PHOTOMETRICS: DLED2-D Focusing LED Light Head daylight						
Distance	Meter	1	2	3	4	5
	Feet	3'	6'	9'	12'	15'
Flood	Lux	810	203	90	50	
	Foot Candle	75	19	8,3	4,6	
Medium	Lux	1.800	450	200	113	72
	Foot Candle	167	42	19	11	6,7
Spot	Lux	5.250	1.312	583	328	210
	Foot Candle	487	122	54	30	20

PHOTOMETRICS: DLED2-BI Focusing LED Light Head bicolor (daylight)						
Distance	Meter	1	2	3	4	5
	Feet	3'	6'	9'	12'	15'
Flood	Lux	820	205	92	51	
	Foot Candle	76	19	8,6	4,8	
Medium	Lux	1.820	455	202	114	73
	Foot Candle	169	42	19	11	6,8
Spot	Lux	3.350	838	372	209	134
	Foot Candle	311	78	35	19	12
Bicolor in tungsten function ~ 25% lower output						

DLED4 LED ASPHERICS²® OPTICS

A SUCCESS STORY GROWING FURTHER

- Perfect color in daylight and tungsten versions
- Expanded bicolor range:
A great gift for mobile work, tuning from 2700K all the way to above 6000K. Thus adapting to most ambient light situations without any filters. Easy fine-tuning for slightly warmer fill light or somewhat colder back light – separating the background illumination by subtle color choices.
- Dimming:
Proprietary dimming algorithms for smooth dimming, even at the low end

16-bit dimming for special studio demands as option
- AC and DC ballasts
- Battery operation:
High output – best efficiency – low power demands allow mobile teams to operate for hours, totally independent from AC power supplies Belt clips to hold battery (V-lock or AB) as well as stand mounting
- Studio versions also available as pole-operated and with DMX control
- Unique light-/shadow-shaping accessories – most of these are especially designed to cooperate with our highly developed optical system

Tools to modify the light and color character. Such tools are available for all sizes of our lights.

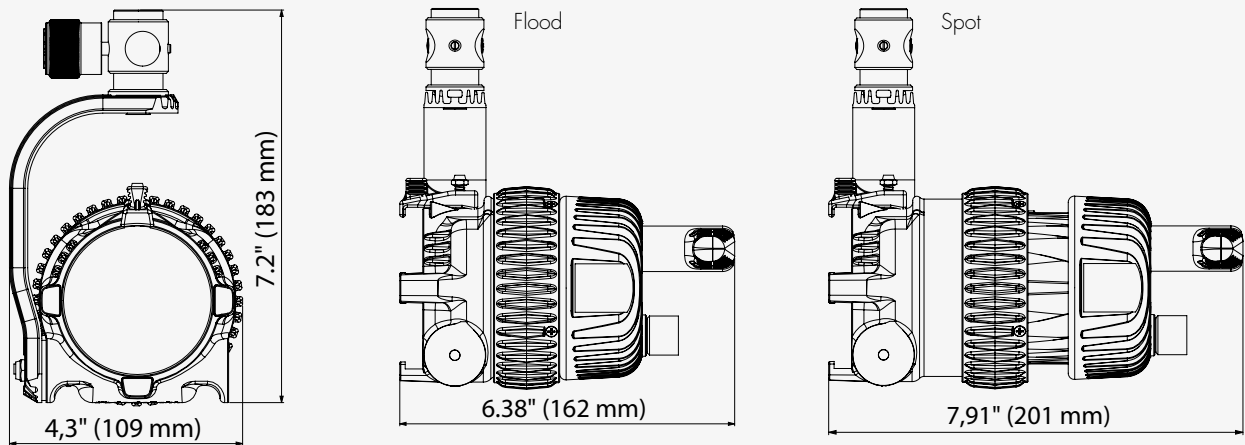
Our experienced and highly qualified R&D team, which is most probably the best in the professional lighting industry, is constantly striving to develop further improvements of color quality, light output, light character.

Expect to hear soon about some of our latest innovations.



DLED4 TECHNICAL DATA

DLED4



FOCUSING LED LIGHT HEAD: DLED4-D, DLED4-T, DLED4-BI

Focus Range (Intensity Range)	60-4° (1:20) with optional aspheric wide-angle attachment: 85-54°
Focus Control	One complete turn on focus ring
Power	40W
Mounting	5/8" (16 mm) receptacle and 1 1/8" (28 mm) stud
Operating Position	Any
Tilt Control	Permanent friction
Accessory Holder	3" (76 mm) diameter
Safety	Protection Class III, SELV, IP40
Cooling	Passive (no fan)
UV	No UV radiation
Weight	2.9 lb (1,300 g)
Size	W: 4.29" (109 mm) L (flood): 6.37" (162 mm) L (spot): 8.87" (200 mm) H: 3.94" (100 mm)

PHOTOMETRICS: DLED4-D Focusing LED Light Head daylight

Distance	Meter	1	2	3	4	5
	Feet	3'	6'	9'	12'	15'
Flood	Lux	1.500	375	167	94	60
	Foot Candle	139	35	15	9	5,6
Medium	Lux	2.800	700	310	175	112
	Foot Candle	260	65	29	16	10,4
Spot	Lux	14.500	3.625	1.611	906	580
	Foot Candle	1348	337	150	84	54

PHOTOMETRICS: DLED4-T Focusing LED Light Head tungsten

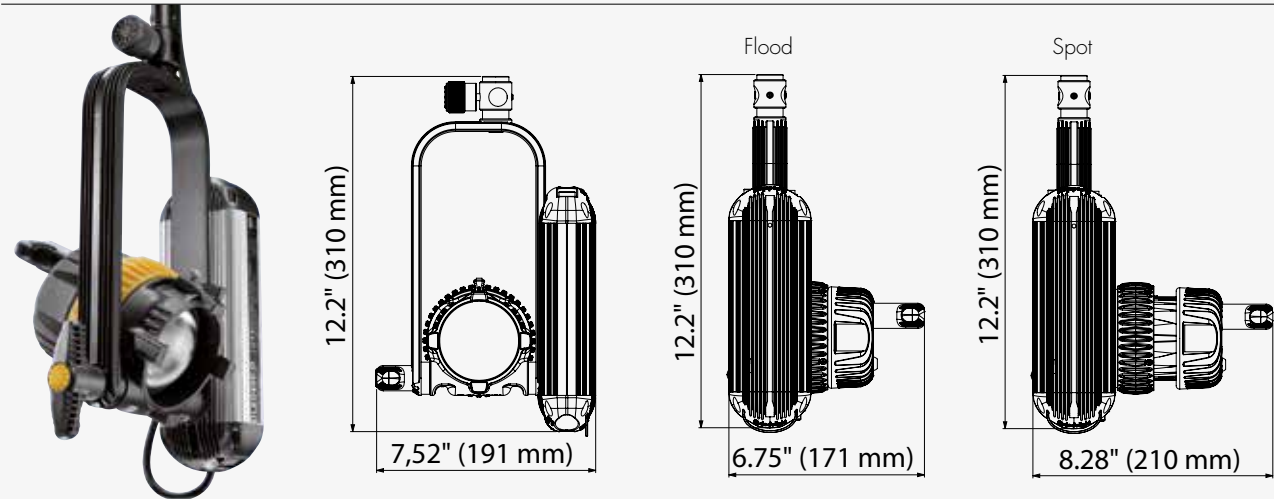
Distance	Meter	1	2	3	4	5
	Feet	3'	6'	9'	12'	15'
Flood	Lux	1.360	340	151	85	54
	Foot Candle	126	32	14	8	5
Medium	Lux	2.250	563	250	141	90
	Foot Candle	209	53	23	13	8,4
Spot	Lux	12.200	3.050	1.356	763	488
	Foot Candle	1.134	284	126	71	45

PHOTOMETRICS: DLED4-BI Focusing Bicolor LED Light Head (daylight)

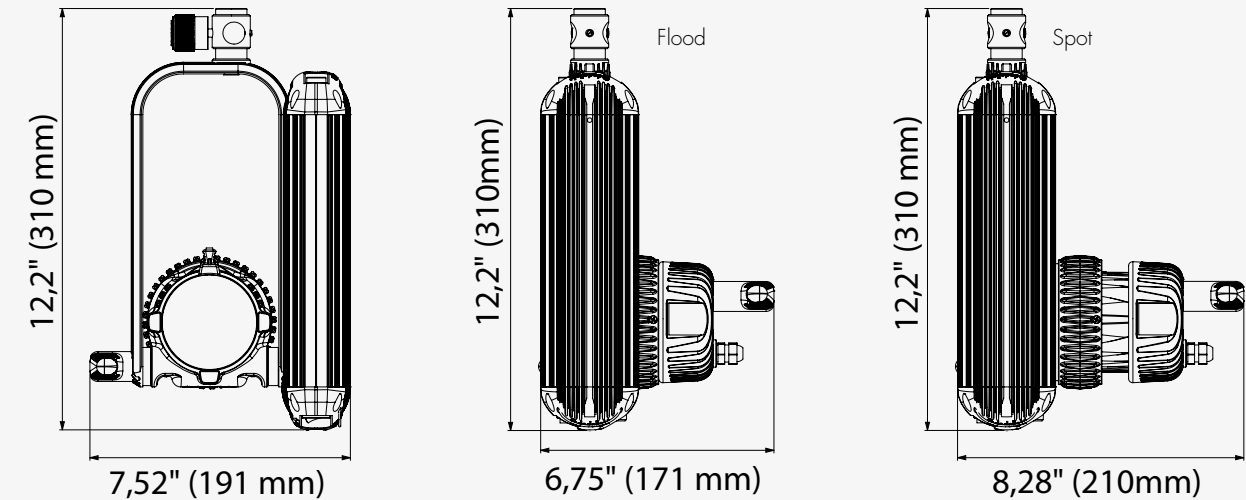
Distance	Meter	1	2	3	4	5
	Feet	3'	6'	9'	12'	15'
Flood	Lux	1.580	395	176	99	63
	Foot Candle	147	37	16	9	6
Medium	Lux	2.850	713	317	178	114
	Foot Candle	265	66	30	17	11
Spot	Lux	12.100	3.025	1.344	756	484
	Foot Candle	1.125	281	125	70	45

Bicolor in tungsten function ~ 15 % lower output

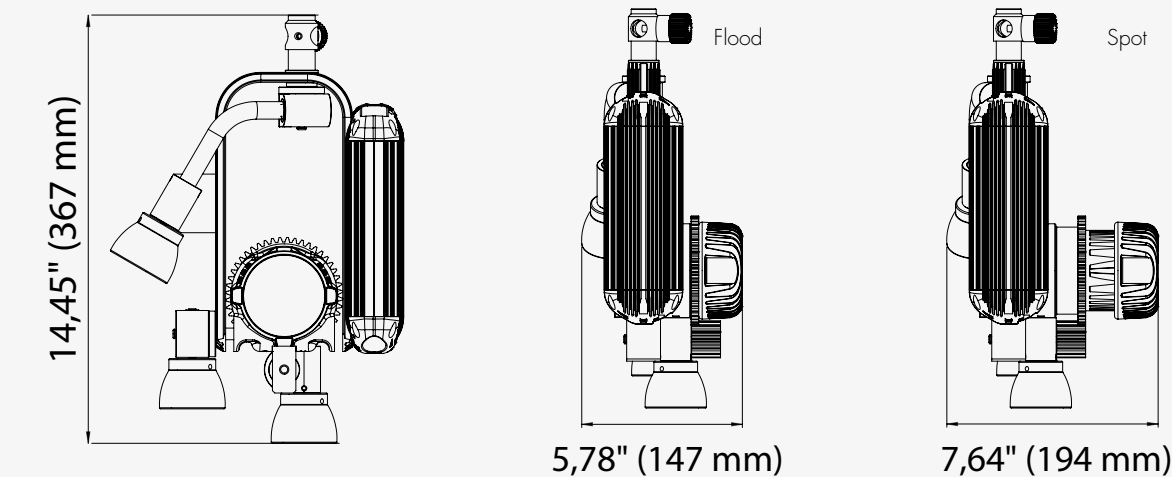
DLED4SE



DLED4SE-BI



DLED4SE for Pole-Operation



POWER OPTION FOR DLED4



**POWER SUPPLY FOR AC OPERATION:
DT4, DT4-BI**

Input Voltage	90 - 264 V AC * 50 VA / 0,5-0,21 A 47 W
Output Voltage	40V
Controls	ON/OFF switch, dimming knob
Dimming	Continuously from 100-0 %
Safety	Protection Class I, IP40
Cable length (plug - > power supply)	Mains cable 8.2' / 2.5 m
Cable length (plug - > light head)	Cable to light head 4.6' / 1.4 m
Mounting	Cable loop
Weight	2.2lb / 1,000g
Size	L: 8.3" (210 mm) W: 2.8" (72 mm) H: 2" (50 mm)

DAYLIGHT / TUNGSTEN

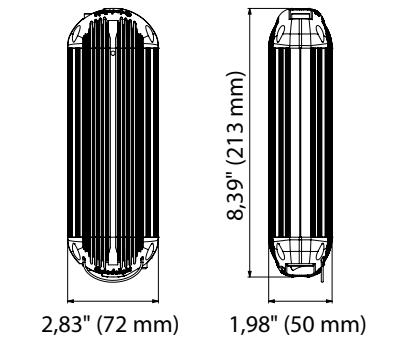
DT4 AC power supply for DLED4 tungsten and daylight light heads.

Allows worldwide use from 90 - 264 V AC * 50/60 cycle plus continuous dimming.

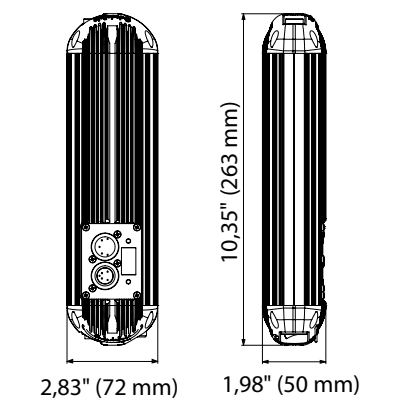
Add suffix "DMX" for above ballasts with DMX control DT4-DMX.

The DC power supply DT4-BAT-XLR/DT4-BAT-AB (D-TAP) is much smaller and allows operation from any 10,2-18V source.

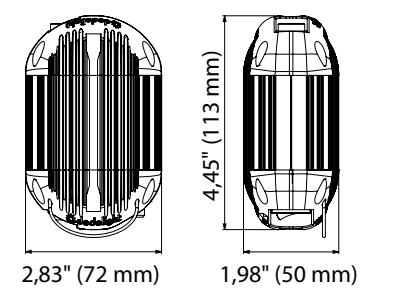
DT4



DT4-DMX



DT4-BAT-AB / DT4-BAT-XLR

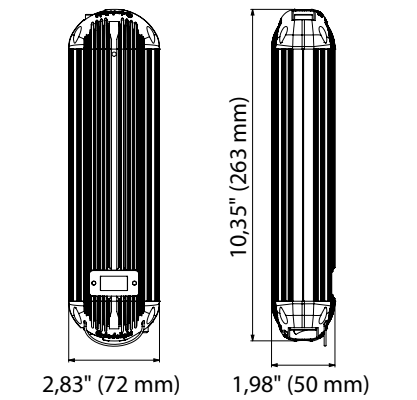


BICOLOR

The DT4-BI, same as DT4 but with extra control for continuous change of color temperature from daylight to tungsten. Now with digital Kelvin value display.

The DT4-BI-BAT-XLR / DT4-BI-BAT-AB (D-TAP), DC power supply with extra control for continuous change of color temperature from daylight to tungsten. Now with digital Kelvin value display.

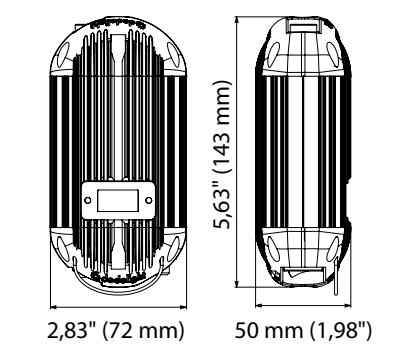
DT4-BI



DT4-BI-DMX



DT4-BI-BAT-AB / DT4-BI-BAT-XLR



NEW: DLED4/FELLONI KITS

DLED4 3 LIGHT KIT – BICOLOR WITH SOFT CASE

SLED3-BI-BAT

3 Light Kit - BICOLOR (BAT)

DC, battery operation only

3x DLED4-BI bicolor light head with 1x dedoflex mini soft box and accessories. 3x DT4-BI-BAT-AB battery power supplies 10,2-18 V DC, 3x LiTH 95SI batteries with integrated charger, 3x DST stands. Complete with DSC1/1-200 soft case

SLED3-BI-B

3 Light Kit - BICOLOR (BASIC)

AC, mains operation only

3x DLED4-BI bicolor light head with 1x dedoflex mini soft box and accessories. 3x DT4-BI mains power supplies 90-264 V AC (please specify power plugs), 3x DST stands. Complete with DSC1/1-200 soft case

SLED3-BI-S

3 Light Kit - BICOLOR (STANDARD)

AC/DC, mains and battery operation

3x DLED4-BI bicolor light head with 1x dedoflex mini soft box and accessories. 3x DT4-BI-BAT-AB battery power supplies 10,2-18V DC, 3x LiTH 95SI batteries with integrated charger, 3x DT4-BI mains power supplies 90-264V AC (please specify power plugs), 3x DST stands. Complete with DSC2/2-200 soft case

SLED3-BI-M

3 Light Kit - BICOLOR (MASTER)

AC/DC, mains and battery operation

3x DLED4-BI bicolor light head with 1x dedoflex mini soft box, DP1.1 imager and accessories. 3x DT4-BI-BAT-AB battery power supplies 10,2-18V DC, 3x LiTH 95SI batteries with integrated charger, 3x DT4-BI mains power supplies 90-264V AC (please specify power plugs), 3x DST stands. Complete with DSC2/2-200 soft case



SLED3-BI-M 3 Light Kit-BICOLOR (MASTER)

DLED4 3 LIGHT KIT – DAYLIGHT WITH SOFT CASE

SLED3-D-BAT

3 Light Kit - DAYLIGHT (BAT)

DC, for battery operation only

3x DLED4-D daylight light head with 1x dedoflex mini soft box and accessories. 3x DT4-BAT-AB battery power supplies 10,2-18 V DC, 3x LiTH 95SI batteries with integrated charger, 3x DST stands. Complete with DSC1/1-200 soft case

SLED3-D-B

3 Light Kit - DAYLIGHT (BASIC)

AC, mains operation only

3x DLED4-D daylight light head with 1x dedoflex mini soft box and accessories. 3x DT4 mains power supplies 90-264V AC (please specify power plugs), 3x DST stands. Complete with DSC1/1-200 soft case

SLED3-D-S

3 Light Kit - DAYLIGHT (STANDARD)

AC/DC, mains and battery operation

3x DLED4-D daylight light head with 1x dedoflex mini soft box and accessories. 3x DT4-BAT-AB battery power supplies 10,2-18V DC, 3x LiTH 95SI batteries with integrated charger, 3x DT4 mains power supplies 90-264V AC (please specify power plugs), 3x DST stands. Complete with DSC2/2-200 soft case

SLED3-D-M

3 Light Kit - DAYLIGHT (MASTER)

AC/DC, mains and battery operation

3x DLED4-D daylight light head with 1x dedoflex mini soft box, DP1.1 imager and accessories. 3x DT4-BAT-AB battery power supplies 10,2-18V DC, 3x LiTH 95SI batteries with integrated charger, 3x DT4 mains power supplies 90-264V AC (please specify power plugs), 3x DST stands. Complete with DSC2/2-200 soft case

DLED4/FELLONI (2x1) 3 LIGHT KIT – BICOLOR WITH BACK PACK

BLED2x1-BI-BAT

3 Light Kit - BICOLOR (BAT) - DC, battery operation only

2x DLED4-BI bicolor light head, 1x FELLONI BI50HO bicolor LED panel with FELLONI soft box, DP1.1 imager and accessories. 2x DT4-BI-BAT-AB battery power supplies 10,2-18 V DC, 3x LiTH 95SI batteries with integrated charger, 3x DST stands. Complete with DBPSLED backpack

BLED2x1-BI-B

3 Light Kit - BICOLOR (BASIC)

AC, mains operation only

2x DLED4-BI bicolor light head, 1x FELLONI BI50HO bicolor LED panel with FELLONI soft box and accessories. 2x DT4-BI mains power supplies 90-264 V AC (please specify power plugs), 3x DST stands. Complete with DBPSLED backpack

BLED2x1-BI-S

3 Light Kit - BICOLOR (STANDARD)

AC, mains operation only

2x DLED4-BI bicolor light head, 1x FELLONI BI50HO bicolor LED panel with FELLONI soft box, DP1.1 imager and accessories. 2x DT4-BI mains power supplies 90-264 V AC (please specify power plugs), 3x DST stands. Complete with DBPSLED backpack

BLED2x1-BI-M

3 Light Kit - BICOLOR (MASTER)

AC/DC, mains and battery operation

2x DLED4-BI bicolor light head, 1x FELLONI BI50HO bicolor LED panel with FELLONI soft box and accessories. 2x DT4-BI-BAT-AB battery power supplies 10,2-18V DC, 3x LiTH 95SI batteries with integrated charger, 2x DT4-BI mains power supplies 90-264V AC (please specify power plugs), 3x DST stands. Complete with DBPSLED backpack and DSCM soft case

NEW:
optional backpack
with wheels (DBPSW)



BLED2x1-BI-M 3 Light Kit-BICOLOR AC (MASTER)

DLED4/FELLONI (2x1) 3 LIGHT KIT - DAYLIGHT WITH BACK PACK

BLED2x1-D-BAT

3 Light Kit - DAYLIGHT (BAT) - DC, battery operation only

2x DLED4-D daylight light head, 1x FELLONI D50HO daylight LED panel with FELLONI soft box, DP1.1 imager and accessories. 2x DT4-BAT-AB battery power supplies 10,2-18V DC, 3x LiTH 95SI batteries with integrated charger, 3x DST stands. Complete with DBPSLED backpack

BLED2x1-D-B

3 Light Kit - DAYLIGHT (BASIC) - AC, mains operation only

2x DLED4-D daylight light head, 1x FELLONI D50HO daylight LED panel with FELLONI soft box and accessories. 2x DT4 mains power supplies 90-264 V AC (please specify power plugs), 3x DST stands. Complete with DBPSLED backpack

BLED2x1-D-S

3 Light Kit - DAYLIGHT (STANDARD) - AC, mains operation only

2x DLED4-D daylight light head, 1x FELLONI D50HO daylight LED panel with FELLONI soft box, DP1.1 imager and accessories. 2x DT4 mains power supplies 90-264V AC (please specify power plugs), 3x DST stands. Complete with DBPSLED backpack

BLED2x1-D-M

3 Light Kit - DAYLIGHT (MASTER) - AC/DC, mains and battery operation

2x DLED4-D daylight light head, 1x FELLONI D50HO daylight LED panel with FELLONI soft box and accessories. 2x DT4-BAT-AB battery power supplies 10,2-18V DC, 3x LiTH 95SI batteries with integrated charger, 2x DT4 mains power supplies 90-264V AC (please specify power plugs), 3x DST stands. Complete with DBPSLED backpack and DSCM soft case

DLED4/FELLONI (2x2) 4 LIGHT KIT - BICOLOR WITH SOFT CASE

SLED2x2-BI-BAT

4 Light Kit - BICOLOR (BAT) DC, battery operation only

2x DLED4-BI bicolor light head,
2x FELLONI BI50HO bicolor LED panel with 2x FELLONI soft box,
DP1.1 imager and accessories. 2x DT4-BI-BAT-AB battery power supplies
10,2-18V DC, 4x LiTH 95SI batteries with integrated charger. Complete
with new DSCLED2x2 and DSCS soft cases and stand bag.

SLED2x2-BI-B

4 Light Kit - BICOLOR (BASIC) - AC, mains operation only

2x DLED4-BI bicolor light head, 2x FELLONI BI50HO bicolor LED panel
with 2x FELLONI soft box, DP1.1 imager and accessories. 2x DT4-BI
mains power supplies 90-264V AC (please specify power plugs).
Complete with new soft case DSCLED2x2 and stand bag.

SLED2x2-BI-M

4 Light Kit - BICOLOR (MASTER) AC/DC, mains and battery operation

2x DLED4-BI bicolor light head, 2x FELLONI BI50HO bicolor
LED panel with 2x FELLONI soft box, DP1.1 imager and
accessories. 2x DT4-BI-BAT-AB battery power supplies
10,2-18V DC, 4x LiTH 95SI batteries with integrated charger,
2x DT4-BI mains power supplies 90-264V AC (please specify
power plugs). Complete with new DSCLED2x2 and DSCS
soft cases and stand bag.



SLED2x2-BI-M 4 Light Kit-BICOLOR AC (MASTER)

DLED4/FELLONI (2x2) 4 LIGHT KIT - DAYLIGHT WITH SOFT CASE

SLED2x2-D-BAT

4 Light Kit - DAYLIGHT (BAT) - DC, battery operation only

2x DLED4-D daylight light head, 2x FELLONI D50HO daylight LED
panel with 2x FELLONI soft box, DP1.1 imager and accessories.
2x DT4-BAT-AB battery power supplies 10,2-18 V DC, 4x LiTH 95SI
batteries with integrated charger. Complete with new DSCLED2x2
and DSCS soft cases and stand bag.

SLED2x2-D-B

4 Light Kit - DAYLIGHT (BASIC) - AC, mains operation only

2x DLED4-D daylight light head, 2x FELLONI D50HO daylight LED
panel with 2x FELLONI soft box, DP1.1 imager and accessories.
2x DT4 mains power supplies 90-264 V AC (please specify power
plugs). Complete with new soft case DSCLED2x2 and stand bag.

SLED2x2-D-M

4 Light Kit - DAYLIGHT (MASTER) - AC/DC, mains and battery operation

2x DLED4-D daylight light head, 2x FELLONI D50HO daylight LED panel
with 2x FELLONI soft box, DP1.1 imager and accessories. 2x DT4-BAT-AB
battery power supplies 10,2-18V DC, 4x LiTH 95SI batteries with
integrated charger, 2x DT4 mains power supplies 90-264 V AC (please
specify power plugs). Complete with new DSCLED2x2 and DSCS soft
cases and stand bag.

DLED4 4 LIGHT KIT – BICOLOR WITH SOFT CASE

SLED4-BI-B

4 Light Kit - BICOLOR (BASIC) - AC, mains operation only

4x DLED4-BI bicolor light head with 2x dedoflex mini soft box, DP1.1 imager and accessories. 4x DT4-BI mains power supplies 90-264V AC (please specify power plugs), 4x DST stands. Complete with DSC2/2-200 soft case

SLED4-BI-M

4 Light Kit - BICOLOR (MASTER) - AC/DC, mains and battery operation

4x DLED4-BI bicolor light head with 2x dedoflex mini soft box, DP1.1 imager and accessories. 4x DT4-BI-BAT-AB battery power supplies 10,2-18V DC, 4x LiTH 95SI batteries with integrated charger, 4x DT4-BI mains power supplies 90-264V AC (please specify power plugs), 4x DST stands. Complete with DSCXLW soft case



SLED4-BI-M 4 Light Kit-BICOLOR (BASIC)

DLED4 4 LIGHT KIT - DAYLIGHT WITH SOFT CASE

SLED4-D-B

4 Light Kit - DAYLIGHT (BASIC) - AC, mains operation only

4x DLED4-D daylight light head with 2x dedoflex mini soft box, DP1.1 imager and accessories. 4x DT4 mains power supplies 90-264V AC (please specify power plugs), 4x DST stands. Complete with DSC2/2-200 soft case

SLED4-D-M

4 Light Kit - DAYLIGHT (MASTER)

AC/DC, mains and battery operation

4x DLED4-D daylight light head with 2x dedoflex mini soft box, DP1.1 imager and accessories. 4x DT4-BAT-AB battery power supplies 10,2-18V DC, 4x LiTH 95SI batteries with integrated charger, 4x DT4 mains power supplies 90-264V AC (please specify power plugs), 4x DST stands. Complete with DSCXLW soft case

DLED4 1 LIGHT KIT - BICOLOR WITH SOFT CASE

SLED1-BI

1 Light Kit - BICOLOR - DC, battery operation only

1x DLED4-BI bicolor light head and accessories. 1x DT4-BI-BAT-AB battery power supply 10,2-18V DC, 1x LiTH 95SI battery with integrated charger. Complete with DSCM soft case



DLED4 1 LIGHT KIT - DAYLIGHT WITH SOFT CASE

SLED1-D

1 Light Kit - DAYLIGHT - DC, battery operation only

1x DLED4-D daylight light head and accessories. 1x DT4-BAT-AB battery power supply 10,2-18V DC, 1x LiTH 95SI battery with integrated charger. Complete with DSCM soft case

SLED1-BI 1 Light Kit-BICOLOR

DLED9 LED LIGHT HEAD ASPHERICS²® OPTICS



The exceptional dedolight DLED9 combines the unique dedolight double aspheric optical system with state-of-the-art dedocolor[®] LED light sources. This light head is available in daylight, tungsten and a tunable bicolor version. This light accepts all of the accessories and projection attachment/imagers which are identical to the ones in our Series 400 lighting fixtures (DLH400DT, DLH650 and DLH436).

This fixture offers an astounding focusing range, excellent light and color distribution, with perfect color rendering qualities.

The power supply for this light works with all voltages from 90 - 264 V AC, and it allows continuous dimming without any color change.



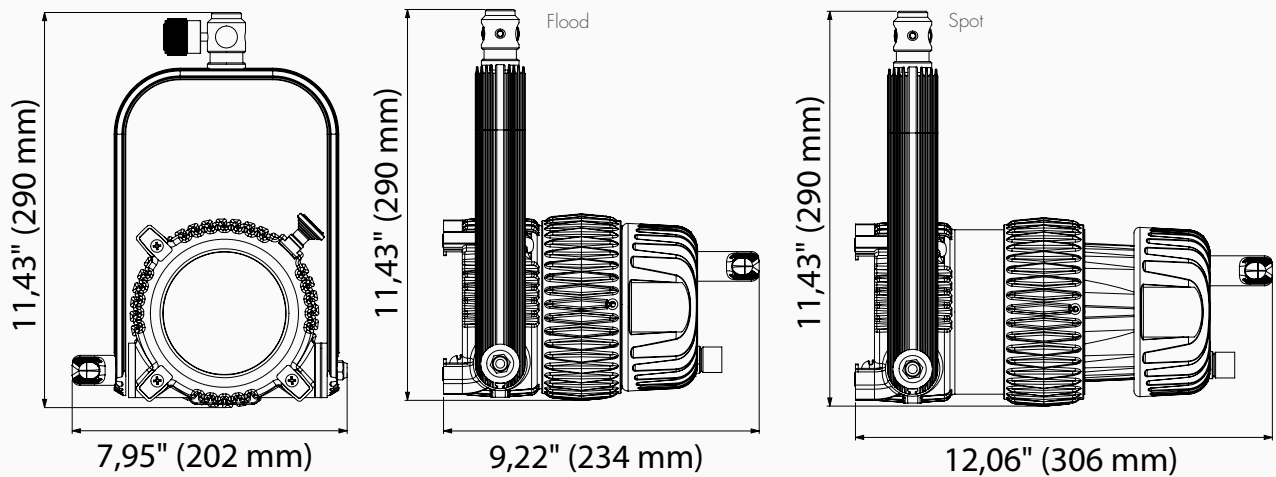
For studio use a pole-operated version is available also with DMX control.

For mobile use this light is also produced in a version with a separate ballast



DLED9 TECHNICAL DATA

DLED9-D, DLED9-T, DLED9-BI



FOCUSING LED LIGHT HEAD: DLED9-D, DLED9-T

Focus Range (Intensity Range)	50-4° (1:12) with optional aspheric wide-angle attachment: 75°-44°
Focus Control	Two complete turns on focus ring
Power	90W
Mounting	5/8" (16 mm) receptacle and 1 1/8" (28 mm) stud
Operating Position	Any
Tilt Control	Permanent friction
Accessory Holder	Ø 5.1" (129 mm)
Safety	Protection Class III, SELV, IP40
Cooling	Passive cooling (no fan)
UV	No UV radiation
Weight	8.2 lb (3,700 g)
Size	W: 8.15" (207 mm) L (flood): 9.22" (234 mm) L (spot): 12.05" (306 mm) H: 11.73" (298 mm)

PHOTOMETRICS: DLED9-D Focusing LED Light Head daylight

Distance	Meter	1	2	3	4	5	10
	Feet	3'	6'	9'	12'	15'	30'
Flood	Lux	5.080	1.270	565	318	203	51
	Foot Candle	472	118	53	30	19	5
Medium	Lux	6.600	1.650	733	413	264	66
	Foot Candle	613	153	68	38	25	5,6
Spot	Lux	60.000	15.000	6.666	3.750	2.400	600
	Foot Candle	5.576	1394	620	349	223	56

PHOTOMETRICS: DLED9-T Focusing LED Light Head tungsten

Distance	Meter	1	2	3	4	5	10
	Feet	3'	6'	9'	12'	15'	30'
Flood	Lux	3.860	965	429	241	154	39
	Foot Candle	359	90	40	22	14	4
Medium	Lux	5.680	1.420	631	355	227	57
	Foot Candle	528	132	59	33	21	5,3
Spot	Lux	40.800	10.200	4.533	2.550	1.632	408
	Foot Candle	3.792	948	421	237	152	38

PHOTOMETRICS: DLED9-BI Focusing Bicolor LED Light Head (daylight)

Distance	Meter	1	2	3	4	5	10
	Feet	3'	6'	9'	12'	15'	30'
Flood	Lux	5.050	1.263	561	316	202	50
	Foot Candle	469	117	52	29	19	4,7
Medium	Lux	6.565	1.591	729	410	263	65
	Foot Candle	610	153	68	38	24	6
Spot	Lux	43.000	10.750	4.777	2.688	1.720	430
	Foot Candle	3.996	999	444	250	160	40

Bicolor in tungsten function ~ 25 % lower output

POWER OPTION FOR DLED9

DT9 AC power supply for DLED9 tungsten and daylight light heads.

For bicolor light heads (DLED9-BI) a separate power supply is needed (DT9-BI).

Allows worldwide use from
90V – 264V AC* 50/60Hz

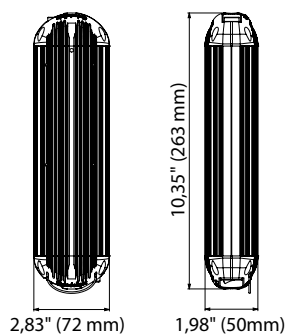
Continuous dimming with unique dedolight dimming algorithms allows smooth dimming, even at the low end

Add suffix "-DMX" for above ballasts with DMX control DT9-DMX

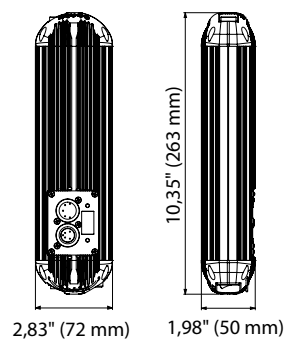
Battery power supplies for DLED9-BI light heads with 11 - 36 V DC power input.

DAYLIGHT / TUNGSTEN

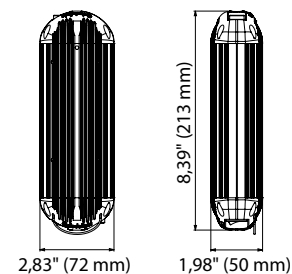
DT9



DT9-DMX

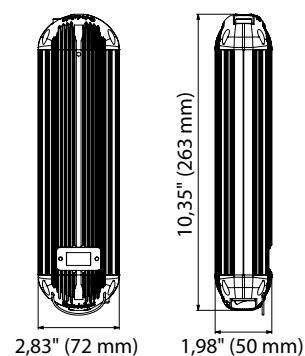


DT9-BAT-AB / DT9-BAT-XLR

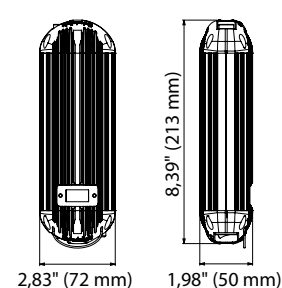


BICOLOR

DT9-BI



DT9-BI-BAT-AB / DT9-BI-BAT-XLR

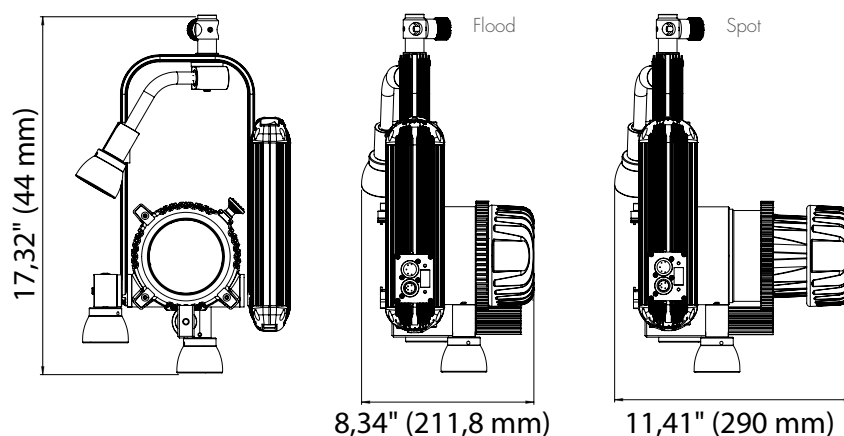


POWER SUPPLY FOR AC OPERATION: DT9, DT9-BI

Input Voltage	90 - 264 V AC * 100 VA / 1 - 0,4 A 90 W
Output Voltage	40 V
Controls	ON/OFF switch, dimming knob
Dimming	Continuously from 100-0%
Safety	Protection Class I, IP40
Cable length (plug -> power supply)	Mains cable 8.2' / 2,5 m
Cable length (plug -> light head)	Cable to light head 4.6' / 1,4 m
Mounting	Cable loop
Weight	3.1 lb (1.400 g)
Size	L: 10.35" (263 mm) W: 2.8" (72 mm) H: 2" (50 mm)

*) functional range including tolerances

DLED9SE for Pole-Operation with DMX



DLED12 DMX STUDIO EDITION

The DLED12 DMX is currently the largest in our range of focusing LED lights.

All our other DLED lights work with passive cooling – no fan – no noise

The extreme power of this light is compensated by a state-of-the-art cooling system – keeping noise at an extremely low level, important for studio application.

Noise level of our cooling system is distinctly lower than with other comparable lights.

dedolight aspherics2 optics provide the expected huge focusing range, clean beam and smooth light distribution.

All versions are available in mono-color, daylight and tungsten, as well as bicolor.
Pole operation optional.

Our R&D team has now produced light sources with further improvements in color quality, light output and focus range in all versions.

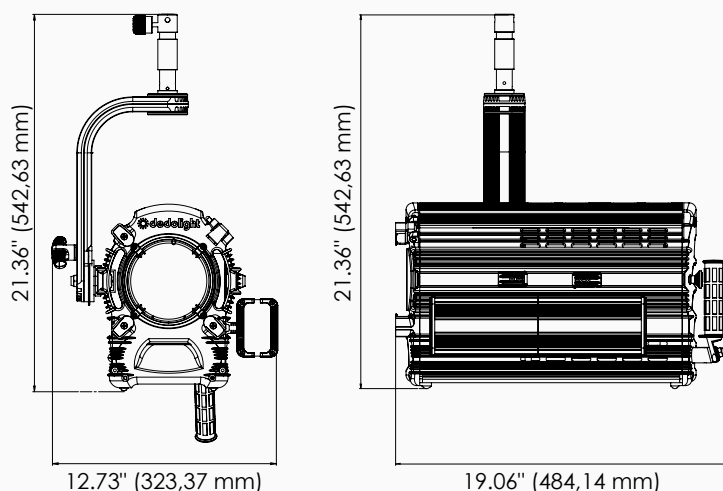


DLED12 DMX TECHNICAL DATA

DLED12-D-DMX, DLED12-T-DMX

Pole-Operated Versions:

DLED12-D-PO-DMX
DLED12-T-PO-DMX



POWER SUPPLY FOR AC OPERATION: DLED12-D-DMX, DLED12-T-DMX

Focus Range (Intensity Range)	65-8° (1:6) with optional aspheric wide-angle attachment: 85-54°
Focus Control	Focus control on back
Dimming	Continuously from 100-0%
Power	90-264V AC * 240VA / 2,4-1 A 250W
Mounting	5/8" (16 mm) receptacle and 1 1/8" (28 mm) stud
Operating Position	+/- 90° (from horizontal)
Tilt Control	Adjustable friction
Accessory Holder	Ø 6.6" (169 mm)
Safety	Protection Class I, IP40
Cooling	Active heat pipe cooling with super quiet fan system
UV	No UV radiation
Weight	11,000 g (25 lb)
Size	W: 12.73" (323,5 mm) L: 15.40" (391,2 mm) H: 15" (381 mm)

*) functional range including tolerances

PHOTOMETRICS: DLED12-D-DMX Focusing LED Light Head daylight

Distance	Meter	1	2	3	5	10	15
	Feet	3'	6'	9'	15'	30'	45'
Flood	Lux	11.250	2.813	1.250	450	113	50
	Foot Candle	1.046	261	116	42	11	4.6
Medium	Lux	26.000	6.500	2.888	1.040	260	116
	Foot Candle	2.416	604	268	97	24	11
Spot	Lux	94.500	23.625	10.500	3.780	945	420
	Foot Candle	8.783	2.196	976	351	88	39

PHOTOMETRICS: DLED12-T-DMX Focusing LED Light Head tungsten

Distance	Meter	1	2	3	5	10	15
	Feet	3'	6'	9'	15'	30'	45'
Flood	Lux	9.090	2.273	1.010	364	91	40
	Foot Candle	845	211	94	34	8,5	3,7
Medium	Lux	18.180	4.545	2.020	727	182	81
	Foot Candle	1.690	422	188	68	17	8
Spot	Lux	52.000	18.700	8.311	2.992	748	332
	Foot Candle	4.833	1.738	771	278	70	31

PHOTOMETRICS: DLED12-BI-DMX Focusing Bicolor LED Light Head (daylight)

Distance	Meter	1	2	3	5	10	15
	Feet	3'	6'	9'	15'	30'	45'
Flood	Lux	8.400	2.100	933	336	84	37
	Foot Candle	780	195	87	31	8	3.4
Medium	Lux	20.800	5.200	2.310	832	208	93
	Foot Candle	1.933	483	215	77	19	9
Spot	Lux	90.900	22.725	10.100	3.636	909	404
	Foot Candle	8.448	2.112	939	338	85	38

Bicolor in tungsten function ~ 17% lower output

LED MINI ON BOARD-LIGHT – NEXT GENERATION



DLOBML2 Daylight

- Amazing output in combination with dedolight double aspheric optics.
- Focuses like a dedolight. LED lights are usually not focusable.
- No other focusing LED light compares - 4° to 56°.
- Smooth light distribution in all and every focusing position.
- Now with flip-up, wide-angle effect glass for wide, horizontal spread with gentle flowing edges. Ideal for on-board work when several people are close to the camera.
- Converts from daylight to tungsten
- Powers from any 6V to 18V DC power source.
- Optional battery shoes are compatible with Sony, Panasonic, Canon and Nikon mini-DV batteries.
- NPF550 7.2V, 2000 mA, 105 minute run time.
- NPF750 7.2V, 4000 mA, 210 minute run time.
- NPF950 7.2V, 6000 mA, 330 minute run time.
- When dimmed to 50% light output, power consumption drops accordingly resulting in twice the run time.



no filter



with wide-angle FX glass

- Alternative power from any Anton/Bauer or PAG system, or V-Block battery, car cigarette lighter output or battery belt.
- Power consumption is only 8 W despite its high output.
- Operates from -40°C up to +40°C.

- LED power available indicator.
- Front-end bayonet mount allows the addition of attachments and light modifiers.

PHOTOMETRICS: DLOBML2 LED Mini On Board-Light daylight

Distance	Meter	1	2	3	4	5	10
	Feet	3'	6'	9'	12'	15'	30'
Flood	Lux	435	109	48			
	Foot Candle	40	10	4.5			
Medium	Lux	957	239	106	60		
	Foot Candle	89	22	9.9	5.6		
Spot	Lux	5400	1350	600	338	216	54
	Foot Candle	502	126	56	31	20	5

Option only for Ledzilla2:

Attach by front end bayonet mount



DLOBML-SBX12-CTO Frontdiffusor

Interchangeable front diffuser with color conversion to 3200K

LEDZILLA BICOLOR – LED MINI ON BOARD-LIGHT



DLOBML-BI Bicolor

- Color temperature can be adjusted in a very wide range, from 2700K all the way to 6500K.

This light may be adjusted to all ambient light situations.

- Most LED Bicolor lights have only half the light out when set to daylight or tungsten. The Ledzilla Bicolor utilizes an LED array which produces a full 8 W in both daylight and tungsten positions.
- In a Bicolor LED light, the tungsten positions is generally 25-30% weaker than in daylight. The multichip light source of the Bicolor Ledzilla utilizes 9 mini-chips arranged in a checkerboard pattern.

We use 5 chips in the tungsten position and 4 chips in the daylight position. This results in a nearly equal light output in both daylight and tungsten positions.

- Regardless of the settings of the color temperature, the light output is smoothly dimmable all the way down to full zero, without any 'digital' steps.
- The Ledzilla Bicolor is a focusing light. It comes standard with an 8-leaf barn door which can be rotated. Optionally, a more complex barn door may be used, which is also rotatable as a whole, but features individual leaves which can be rotated on their own. This allows trapezoidal

shadow shapes to be formed even when lighting from an angle. In normal onboard operation this may not be necessary, but for precision lighting of artwork from an angle is very useful.

- A bayonet attachment allows the interchangeability of the front optical elements with front-end accessories, like the soft box, the China lantern and the soft tube (exactly the same that you can also use on the Ledzilla2).
- All the power options are identical with the options described for the Ledzilla2.
- The Ledzilla Bicolor features perfect color values. In daylight – CRI92, in tungsten setting – CRI97 (TLCI).



PHOTOMETRICS: DLOBML-BI Ledzilla Bicolor (daylight)

Distance	Meter	1	2	3	4	5	10
	Feet	3'	6'	9'	12'	15'	30'
Flood	Lux	330	83	37			
	Foot Candle	31	7,7	3,4			
Medium	Lux	726	182	81	45		
	Foot Candle	67	17	7,5	4,2		
Spot	Lux	2.650	663	294	166	106	
	Foot Candle	246	62	27	15	9,9	

Bicolor in tungsten function ~ 15% lower output

Options for Ledzilla2 and Bicolor: Soft-Tube, Softbox, White Dome

Attach by front end bayonet mount



DLOBML-SBX12 Soft box

5"/12 cm wide – Gentle fill light, easy to look at, ideal for close ups. Filter slot accepts tungsten conversion filter.



DLOBML-WD15 White dome

5.9"/15 x 15 cm (china lantern) soft box, gentle light, evenly distributed, perfect as general fill light. Side covers can be opened individually.



DLOBML-LT20 Soft tubus

8"/20 cm long – Ideal for soft light in confined areas, e.g., car interior at night. Detachable light shaper – folding plastic barn doors.

MOUNTING & ACCESSORIES

(FOR LEDZILLA®, IREDZILLA, FLUORESZILLA)

Camera Adapter

DLA-LB

Large Bone
2 x female shoes
and 3 x 1/4"
receptacles.
Mounts to camera
with 1/4" screw



DLGA300

Articulating arm 300 mm
300 mm, Square top,
male shoe or 1/4"
male to camera



DLGA200

Articulating arm 200 mm
200 mm, Square top,
male shoe or 1/4"
male to camera



DLBSA-MBJ

Metal ball joint
with shoe



DLBSA-U

Square top
with 1/4",
ends in male shoe



DLBSA-M

1/4" male to mini shoe
for Sony mini camcorder,
use with DLBSA-T



DLBSA-S

Female shoe adapter
to 1/4" male



DLBSA-T

Female shoe adapter
to 1/4" female



DLBSA-3S

Triple shoe
with tilt lock



Stand Adapter

DLA-ML

Square top accepts
16 mm baby stud (5/8")



DLBSA-JSF

Hotshoe accepts 16 mm
baby stud (5/8")



Transport Pouch

DLOBML-P

Soft pouch for
LED Light Head



Stand Alone

DLBRS

Rail with 1/4" screw
for camera and
shoe for light head



DLBRHS

Rail with folding handle
1/4" screw for
light head



DV3GA

Vacuum mount
Ø 7.5 cm / 3"
vacuum mount
with 200 mm
articulating arm



DLBSA-TS

Table shoe
9.5 x 6.3 x 1.2 cm
(3.7" x 2.5" x 0.5"),
with shoe for light



DLBSA-HAND

Shoe adapter
with handle



POWER SUPPLY

(FOR LEDZILLA®, IREDZILLA, FLUORESZILLA)

Battery Shoes

DLOBML-BS

7.2 V Sony for
NP-F / Panasonic VW-VBD1



DLOBML-BSU

12 V Sony for BP-U

DLOBML-BP

7.2 V Panasonic for CGA

DLOBML-BP2

7.2 V Panasonic for VW-VBG6 (AG-AF101)

DLOBML-BP3

7.2 V Panasonic for VW-VBG 070 / 130 /
260, CGA-DU 07 / 14 / 21

DLOBML-BC

7.2 V Canon for BP-9

DLOBML-BC2

7.2 V Canon for BP 808 / 809 / 819

Photo Battery Shoe:

DLOBML-PBC1

7.2 V Canon for LP-E6

DLOBML-PBN1

7.2 V Nikon for EN-EL3E

DLOBML-PBN2

7.2 V Nikon for EN-EL15

DLOBML-PBP1

7.2 V Panasonic for DMW-BLF19E

Batteries

DLB-NPF550

7.4 V Li-Ion battery
14.8 Wh (2000mAh)



DLB-NPF950

7.4 V Li-Ion battery
43.2 Wh (6000mAh)



Batteries

DLCH-NPF

NPF-Battery
Charger
Input: 100-240V



DLBF-8AA

External battery box
for 8 AA batteries
1.5V



Power Cable

DLPS-12

100-240V
with 12V DC
output



Belt Adapter

DLBCA-NPF

NPF Adapter
Belt holder
with Velcro
loop to carry
NPF battery
on a belt



DLBCA-V

V-Mount belt adapter
without ballast holder,
separate extension cable
to light head needed



DLBCA-AB

Anton/Bauer-Mount belt
adapter without ballast
holder, separate extension
cable to light head needed



Battery Cables

DLOBML-AB-S

Cable 22 cm / 9" with
Anton/Bauer connector



DLOBML-AB-L

Anton/Bauer Cable L
55 cm / 22" with
Anton/Bauer connector



DLOBML-SWIT

Swit Cable 55 cm / 22"
with Ø 2.1 / 5.5 mm connector
for Swit battery



DLOBML-PAG

PAG Cable 55 cm / 22"
with Ø 2.1 / 5.5 mm connector
for PAG battery



DLOBML-XLR

65 cm - 1.30 m /
25 - 51"
with 4-Pin XLR connector



DLOBML-CAR

Cable 1.8 m (6 ft.)
with cigarette light
connector





DLOBML-IR860 860 NM Infrared LED

Works with cameras having a night-shot function such as Somikon DV-883IR, Sony HDR-XR550/HDR-CX730E/DCR-TRV355E/PMW-100 and Canon XA10/XA20/XA25.

DLOBML-IR960 960 NM Infrared LED

Works with special night-vision surveillance cameras.

- World's first focusing near infrared illuminator that focuses like a dedolight.
- With focusing range of 4° to 56°

- Even light distribution in all focusing positions.
- Dimmable down to 4 %.
- Illumination up to 40 m (130 ft) (tested with Sony Nightshot Camcorder)
- Powers from any 6 V to 18 V DC power source.
- Power consumption is only 6 W
- Operates from -40° C up to +40° C.
- Various power cable and mounting accessories are available
- Works with most night vision equipment
- Optional battery shoe for Panasonic, Canon and Nikon 7.2 V Li-Ion batteries
- NPF550 7.2 V, 2000 mA, 105 minute run time.
- NPF750 7.2 V, 4000 mA, 210 minute run time.
- NPF950 7.2 V, 6000 mA, 330 minute run time.
- Optional power cables are available for Anton/Bauer and PAG systems, car cigarette lighter outputs or battery belts/packs
- The light projected from an 860 nm infrared LED is invisible to the human eye, however you may see a dull red glow when looking

directly at the front lens. Also available in a 960 nm version (completely invisible for special IR-Sensor)

- Applications:
 - Infrared Illumination for cameras (night shot)
 - Infrared photography
 - Surveillance systems
 - Machine vision systems
 - Wildlife observation
 - Criminology

Light head	radiation	
	flood 1m	spot 1m
DLOBML-IR860	9 mW/m ²	98 mW/m ²
DLOBML-IR960	9 mW/m ²	61 mW/m ²



FLUORES-ZILLA



DLOBML-UV400 UV 400 LED

DLOBML-UV365 UV 365 LED

- Amazing light output with dedolight double aspheric optics
- Worldwide first black light source that focuses like a dedolight from 4° to 56°
- No heat emission in exiting rays

- No other focusing long-wave 400 nm UV-A LED light source has comparable focus range
- Perfectly even light distribution in each focus position
- Extremely gentle dimming from full intensity to 5 % without change of color
- Power supply from 6 V – 18 V DC
- 1500 mW output
- Power consumption, 6 W
- Operating from -40° C to +40° C
- LED power indicator
- Optional battery shoe for Sony, Panasonic, Canon and Nikon 7.2 V Li-Ion batteries.
- NPF550 7.2 V, 2000 mA, 105 min. run time
- NPF750 7.2 V, 4000 mA, 210 min. run time
- NPF950 7.2 V, 6000 mA, 330 min. run time
- When dimmed to 50 %, power consumption is lowered accordingly, resulting in twice the run time.
- Alternative power supply from Anton/Bauer or PAG system, cigarette lighter adapter or battery belt.

- In comparison to 365nm LEDs Fluoreszilla with 400 nm LED shows higher percentage of violet. Many materials reacting to fluorescent light appear in double brightness.

- Fields of application:
 - Black light effect / UV-active body paint
 - UV-active deco material
 - Magic ink / Edding UV-marker
 - Fluorescent wall paint (paintings)
 - Bank note – document testing
 - Mineralogy
 - Criminology

Light head	radiation	
	flood 1m	spot 1m
DLOBML-UV365	6 mW/m ²	51 mW/m ²
DLOBML-UV400	8 mW/m ²	71 mW/m ²



DLED – UV AND IR LED SPECIAL LIGHT HEADS

DLED2 Special – Infrared



DLED2-IR960

- 20 W IR LED comes in two DLED2 yoke versions.

- DLED2Y-IR860 works at 860 nm and may be used in cameras with NIGHT SHOT / NIGHT VISION mode. The LED chip itself show red color when switched on
- DLED2Y-IR960 works at 960 nm with is suitable for military cameras. The LED chip itself shows no visible light, even if switched on. Completely invisible light source.
- Separate DT2-BAT-IR and DLED2POW extension cables in three sizes available 55 cm (1.8'), 140 cm (4.6'), 300cm (9.8')



- LED power indicator
- Mains power: DPLS12-30 universal AC power supply, 30 W
- Optional battery belt holder for Sony NPF 7.2 V Li-Ion batteries (DLBCA2-NPF)
- Compatible to DLED2 light shaping accessories

Light head	radiation	
	flood 1m	spot 1m
DLED2-Y-IR860	30 mW/m ²	160 mW/m ²
DLED2-Y-IR960	23 mW/m ²	102 mW/m ²

DLED4 Special – Infrared and UV



DLED4-IR860

INFRARED:

- 40 W IR LED comes in DLED4 housing
- DLED4-IR860 infrared LED for cameras with NIGHT SHOT / NIGHT VISION mode.



DLED4-UV400

ULTRA-VIOLET („black light“):

40 W UV LED comes in two DLED4 versions:

- DLED4-UV365 works at 365 mn wavelength.
- DLED4-UV400 works at 400 mn wavelength.

INFRARED / ULTRA-VIOLET:

- AC and battery powered operation for all DLED4 IR / UV lights:
AC: DT4
DC: DT4-BAT-AB / -XLR
- Compatible to DLED4/CLASSIC SERIES light shaping accessories

Light head	radiation	
	flood 1m	spot 1m
DLED4-IR860	38 mW/m ²	300 mW/m ²
DLED4-UV365	19 mW/m ²	190 mW/m ²
DLED4-UV400	70 mW/m ²	920 mW/m ²

DLED9 Special – UV 400



DLED9-UV400

ULTRA-VIOLET („black light“):

- 80 W DLED9-UV365 works at 365 mn wavelength.
- DLED9-UV400 works at 400 mn wavelength.
- AC and battery powered operation for all DLED9 UV lights:
AC: DT9 (see page 20)
DC: DT9-BAT-AB / -XLR (page 20)
- Compatible to DLED9/SERIES400 light shaping accessories



Light head	radiation	
	flood 1m	spot 1m
DLED9-UV365	43 mW/m ²	142 mW/m ²
DLED9-UV400	75 mW/m ²	650 mW/m ²

- New optical elements provide highest light efficiency and reach with perfect color rendition and a pleasing 'human' light character.
- Even over a distance of 6 meters (20ft) more than 700 lux at 220W power consumption - most probably an unequalled light efficiency.
- Passive cooling: no fan – no noise
- Manual and DMX control included
- Amazing price/performance ratio

Other versions of Ledrama:

- Ledrama Large - size
120x40 cm (47" x 15.7")
- Ledrama Small - size
40x40 cm (15.7" x 15.7")

DLED RAMA-D Daylight

Standard, 2,304 SMD-LEDs
Fixture Size 80x58 cm (31.5" x 22.8")

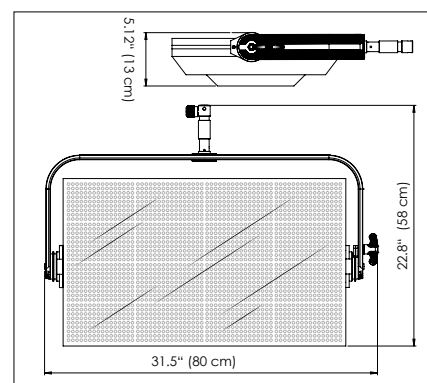
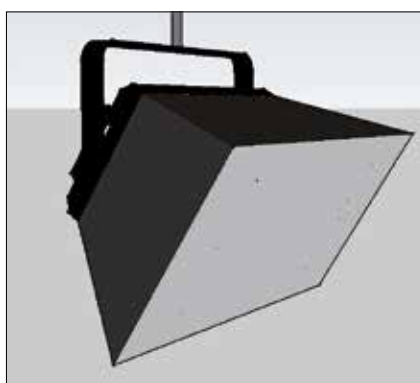
DLED RAMA-BI Bicolor

Standard, 4,608 SMD-LEDs
Fixture Size 80x58 cm (31.5" x 22.8")

Amazing: The bicolor Ledrama in daylight function offers identical light output and reach as the daylight light fixture. Every individual light source changes the color.

Technical Data: DLED RAMA-D / DLED RAMA-BI

input	90-264V AC / 28V DC
power consumption	220W
CCT	5600K (D), 3000K-5600K (BI)
beam angle	45°
weight	19 kg (41.8 lb), PO+2 kg (4.4lb)



New: Ledrama Softbox, front diffuser size. includes nano-optics für super smooth wide-angle light distribution, covering the front diffuser smooth and even

- Other accessories available
- Grid for front of softbox (40 degree)
- Honeycomb attachment mounts directly to the front of the light (instead of the softbox)

PHOTOMETRICS: DLED RAMA-D daylight Light Head

CRI Ra (1-8): >93		CRI Re (1-15): >90				TLCI: 96
Distance	Meter	1	2	3	5	6
	Feet	3.3'	6.6'	9.8'	16.4'	19.7'
Intensity	Lux	23.600	5.900	2.622	944	700
	Foot-Candle	2.193	548	244	88	65

PHOTOMETRICS: DLED RAMA-BI bicolor Light Head

CRI Ra (1-8): >93		CRI Re (1-15): >90				TLCI: 93
Distance	Meter	1	2	3	5	6
	Feet	3.3'	6.6'	9.8'	16.4'	19.7'
Intensity D	Lux	23.600	5.900	2.622	944	700
	Foot-Candle	2.193	548	244	88	65
Intensity T	Lux	17.000	4.250	1.889	680	472
	Foot-Candle	1.580	395	175	63	44



WILL OUR NEW RANGE OF LED LIGHTS MAKE OUR PREVIOUS LIGHTS OBSOLETE?

dedolight DLED focusing LED lights

The dedolight DLED focusing LED lights represent breakthrough technology in all aspects.

- Our patented aspheric2 optical concepts have twice been recognized by the Academy of Motion Picture Arts and Sciences and the Academy of Television Arts and Sciences
- We have recalculated our optics to match each of the new LED sources for optimum performance.
- Many years have been spent co-developing light sources with several of the best LED manufacturers. These special LED arrays have properties that match our optical system.
- Are regularly tested with various CMOS cameras from different manufacturers that can sometimes show some incongruent results with LED lights.
- Tested in spectrum analysis (CRI)
- Tested with expanded CRI evaluation
- Evaluated according to TLCI – a new color test system for LEDs, based on the response of digital studio cameras. This system has officially been adopted by the EBU (European Broadcaster's Union)
- dedolight has achieved color rendition that brings us to the very top of quality criteria – the results are called "dedocolor®".

Our dedolight DLED focusing LED-Lights combine recalculated versions of our unique optical concepts with state of the art LED technology co-developed with us.

These lights offer all unique criteria as previous dedolights. Performance, Precision and Control.

For highest demands as well as for the smaller teams working under street fighters conditions.

Our Multi - LED - Panel Lights: TECPRO FELLONI

Based on the same stringent quality criteria.

FELLONI2

The latest generation FELLONI 2 offers excellent color and at the same time unparalleled efficiency. High efficiency means less power draw, more light output, better color with double the run time from the same battery.

FELLONI dedocolor®

Same concept, same advantages, but in the ultimate deluxe edition regarding color rendition. One step closer to absolute perfection. If you need the ultimate, then FELLONI dedocolor® is one of the most attractive tools.

(the FELLONI's are described in a separate brochure)



CLASSIC DEDOLIGHT – FOCUSING AND SOFT LIGHTS

Low voltage systems

The special light sources dedolight's use produce 40 lumen per watt whilst studio halogen lamps produce only 20 lumen per watt.

A traditional halogen Fresnel provides only 6 % efficiency in its spot position. dedolight's have 3 times as much by virtue of the optics. Our low voltage light sources cost only 25 % in comparison to high voltage halogen lamps of the same output. Additionally, low voltage lamps are not easily destroyed by shock or vibration, which makes them "travel-proof" and thus increases their life.

These 150 watt lights produce an output comparable to a 500 watt traditional Fresnel, but with a much higher focusing range. They also offer perfect light distribution, clean beam and unprecedented control accessories. dedolight's have become the lights of choice for the highest precision in lighting control on blockbuster films and smaller teams working under street fighter conditions.

Focusing dedolights with metal halide light sources

- Another step in our award-winning optics
- Zoom focus
- Double aspherical optics
- Unprecedented control, quality and character
- Unique imaging

Panaura® Soft Lights

- True "wrap-around" light character
- No hot spot
- Light efficiency more than double in comparison to soft boxes in front of regular studio lights
- Less space, less weight, truly deserving the attribute "portable window"

The Portable Studio Concept

- Lighter
- Most compact
- More versatile
- Indestructible
- The most economical lighting system available



Soft case with wheels for Portable Studio



DSC2/2-200 W

Robust soft case.
Same as DSC2/2-200 but with wheels

The DSC2/2-200W can be replaced on the following kits:

- SLED3 - 3-Light LED Kits
- SLED4 - 4-Light LED Kits
- S200-3 - Sundance Kit
- S2 / S3 / S4 - Tungsten Kits
- SPS4 - 4-Light Tungsten Kit
- SPS5 - 5-Light Tungsten Kit
- SPHOTO1 - Photographer Kit
- SPHOTO2 - Wedding/Reporter Kit

Imaging accessories

Optical design matching the optics of our focusing lights
Unprecedented light and shadow control.

dedolight super high transmission lenses:

- Highest resolution
- Perfect contrast
- No color fringing
- No halation
- No curvature of field
- None of the "seven sins" of imaging



THE NEW 1200 W DAYLIGHT-SYSTEM



Many years of experience culminate in this new concept. Double aspheric optics and zoom focus. These concepts are patented and have been twice recognized by the Oscar Committee of The Academy of Motion Picture Arts and Sciences.

- Higher light yield
- Higher focusability
- Perfect light and color distribution
- Highly efficient convection cooling
- Rainproof
- Super service friendly
- Flips open like a book – easy access
- Extremely low UV values,
approx. 1/20 of the value shown
by other lights

Hard Case DCHD1200

Size: 71 x 37 x 43 cm (2,3' x 1,2' x 1,4')
Weight: 14,5 kg / 32 lbs



Technical Data:

DLH1200D Daylight Light Head

Focus range: 1:18
with aspheric wide-angle attachment: 1:50

Weight:
10,5 kg / 23 lb

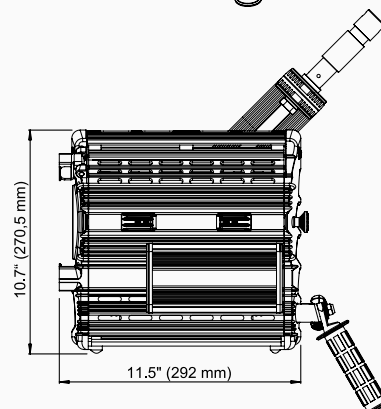
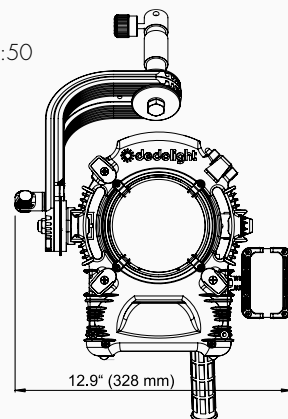
Lamp:
DL1200DHR, 1200 W,
single ended hot restrike, G22.

Mounting:
16 mm (5/8") receptacle
and 28 mm (1 1/8") stud

Safety:
Safety switch prevents operation
when access door is open

UV:
Extremely low UV emission

ON / OFF:
On / Off buttons located
on both, head and ballast,
for ease of operation



DEB1200D THE ELECTRONIC BALLAST



DEB1200D Electronic Ballast

DPOW1200D Cable

- 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)
- Functional range from 90-264V AC
- Overload protection
- Surge protection
- Short circuit protection
- Auto start function
- DMX control is standard
- Rainproof construction
- The ballast can be opened within 30 seconds – like a book
- Full access to all elements and electronics

Technical Data: DEB1200D Electronic Ballast

Switchable from normal flickerfree function to 1000 cycle operation for highspeed imaging

Weight:
11.4 kg

Output Power:
1200 W

Input Voltage:
90-264V AC *

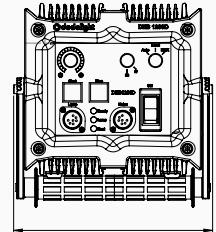
Indicators:
3 Status-LEDs (Ready, Lamp, Heat)

Dimming Range:
50-100%

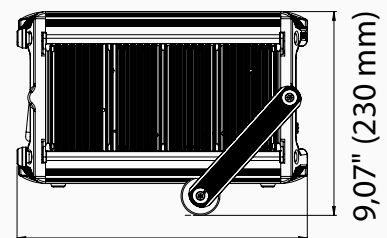
DMX-Control

Stand mounting optional:
with clamp

**) functional range including tolerances*



9" (225 mm)



12,95" (328 mm)

9,07" (230 mm)

THE TUNGSTEN-EDITION OF THE NEW SERIES 1200



DLH1000T

A mains operated light with unrivaled focusing range and superior light quality. Can be used with a choice of G22 halogen lamps available in 1 kW, 750W, 650W and 500W from 120-240V.

DLH1000TPO

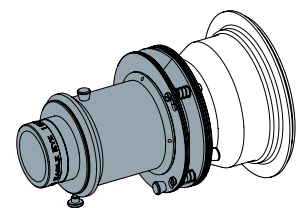
Pole operated Versions for studio applications



DLH1000T-DMX

DLH1000TPO-DMX

with DMX controlled integrated dimming



Use imagers from series 400 system on lights of series 1200 with one of the following condensers

DP1200CON

Condenser back-end module to adapt all imager modules from Series 400 onto Series 1200.

For use with 150 mm, 185 mm and 230 mm projection lenses.

DP1200CON-WA

For special wide-angle lenses 70 mm and 100 mm with special versions of framing shutter and universal modules.



THE PORTABLE WINDOW

A DEDICATED SOFT LIGHT SYSTEM

Why do we call it dedicated?

Similar to the other known seven dedolight soft lights, these have been conceived exclusively as optimal soft lights

- Light output is double in comparison to a soft box in front of a studio Fresnel light, because the actual light sources are placed in the focal point of the reflector

- Gentle wrap around character

On an optimum soft light source, the light emission on the large diffuser should be perfectly even to the edge. It should even be somewhat more intense towards the edge.

Both variations are offered by this soft light by changing the standard inner diffuser with a rim-aura diffuser (both types included).

- The standard inner diffuser provides perfectly smooth and equal light distribution



The inner Rim-Aura diffuser provides a brighter rim area (Aura) on the front diffuser and is closer to the idea of a "wrap around light"



Alternatively, use the large inner diffuser for all over even light



Panaura® 7 with 40° grid



Tungsten / Daylight

dedolight is probably the only one who offers the interchangeability of daylight discharge lamps with tungsten discharge lamps. Both have equally high light output, identical high color quality and both work with the same ballast.



DL400DHR-NB

Metal Halide Lamp 400/575 W Daylight

DL575THR-NB

Metal Halide Lamp 400/575 W Tungsten

intensity control in six steps with no change of color.

This two lamp system offers a wide range of intensity control. Each lamp is individually controlled and can be switched from 575 W to 400 W or continuously dimmed to 300 W and then switched off. This results in an unprecedented range of intensity control without any change to color quality.

Higher Output – More Light – Less Consumption – Less Heat



DLHPA7x2DT

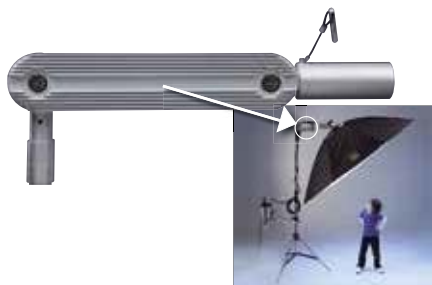
Soft light head for 2 lamps, daylight or tungsten, interchangeable, same high light output. Both lamps work with the same ballasts.

How do you want to call it?
Energy Efficient? Green-Tec?
dedolight Panaura®?
The Portable Window?
... or just the soft light with the most loving character?

Even though we do not favor the hot spot philosophy, we still have 140 percent light level in the center compared to a 5000 W tungsten Fresnel with a soft box and use only 1150 W.

250 percent light level towards the rim compared to a 5000 W tungsten Fresnel with a soft box – and we still only use 1150 W.

Panaura® compares favorably with a soft box on a 2.5 kW daylight studio light – more light and uses only 1150 W.



DLHPA7-EXT

Yoke Extension

For use with Panaura® 7 in tilted position for extra distance between light stand and Panaura® 7.

DLPA7 *

dedolight Panaura® 7 textile reflector with additional rear cowling and 2 different inner diffusers (DLPA7D2 standard diffuser and DLPA7D2S rim aura diffuser) as well as the DLPA7D1 large front diffuser.

DLPA7x4T *

dedolight Panaura® 7 special version – textile reflector with super high heat resistant material and additional air vents for use with DLHPA7x4T (4 x 1000 W).

* When using the Panaura® 7 with DLHPA7x2T and DLHPA7x4T heads and Panaura® 5 with DLH1000SPLUS head with halogen lamps in a straight downward position (for extended period of time), please order extra "heat shield inserts".



For Panaura® 5:

DLPA5-HTS4

Set with 4 heat shields



For Panaura® 7:

DLPA7-HTS3

Set with 3 heat shields

DLPA5-HTS8

Set with 8 heat shields

DLPA7-HTS8

Set with 8 heat shields

DEB400DT

Electronic flicker free ballast for daylight and tungsten discharge lamps.



DPOW400DT

Connection cable between Light Head and Power Supply



DEB400Hx2

Extending ballast holder for better balance

DLPA7G

40° grid for all Panaura® 7 Models



DSCPA7W

Panaura® 7 soft case with wheels

SPA7x2DT

Tungsten/Daylight Panaura® Kit

- robust soft case with wheels
- soft light head
- 2 x 400/575 W daylight lamps
- soft box with rods and baffle
- 2 types of inner diffusers
- 1 front diffuser
- 40° grid
- 2 ballasts, cable



optional:

- yoke extension
- variable ballast holder
- stands
- 575 W tungsten lamps (available soon)

Pure Tungsten

Variations of Panaura® 7

When you don't need daylight and the flexibility to change between daylight and tungsten (interchangeable lamps), you may want a pure halogen tungsten soft light.

Tungsten Panaura® light head DLHPA7x2T works with two 1000 W halogen lamps.

The DLHPA7x4T works with four 1000 W lamps (type DL1000FEP-NB / FEL-NB). The 4K version (4 lamps) requires a special textile reflector which can withstand the extra heat and provides extra air vents (DLPA7x4T).

All halogen lamps are individually switchable or can be dimmed individually with our new dimmers.



DLHPA7x2T Tungsten 2 x 1000 W

Soft Light Head for 2 Lamps 1000 W Halogen with protective glass tubes



DLHPA7x4T Tungsten 4 x 1000 W

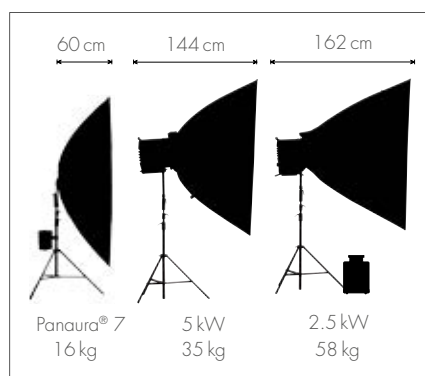
Soft Light Head for 4 Lamps up to 1000 W Tungsten each, with protective glass tubes

Size, Depth, Weight

The Panaura® family comes in 3 sizes, all offer superb soft light character without any hot spot, and the choice of different inner diffusers allows smooth and even light distribution or the typical Panaura® look with the brighter rim towards the outside - the true loving, caressing wrap-around light character.

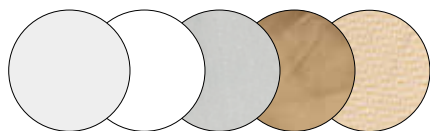
When working in confined areas the depth of the light head can make the decisive difference whether this wonderful, creative tool can be used at all. The very shallow depth of this portable window system offers distinct advantages in space consumption.

Also much less weight, higher light efficiency, lower heat, lower power consumption (never blow a household fuse).



dedoflex MULTIDISC 5 IN 1

The MultiDisc 5 in 1 offers five reflector surfaces. Translucent, white, silver, gold, and soft gold in one easy to carry package. Switch surfaces in seconds.



- Translucent: Use to diffuse light. Produces a broad light source and soft effect.
- White: Use to reflect light with natural looking results.
- Silver: Use to increase specular highlights adding more contrast to your image.
- Gold: Use for a strong warming effect in your lighting
- Soft Gold: Use for natural looking, warmer reflected light. Soft Gold combines silver and gold in a zig-zag pattern for a warm, summery feel that works great with skin tones.

The heavy duty steel frame is guaranteed not to break for the life of the product. Reflector surfaces are smooth and flat for consistent, even reflections. The MultiDisc comes in its own protective, durable fabric case for storage and transport.



DF5IN1-56

Small 56 cm (22")

DF5IN1-81

Medium 81 cm (32")

DF5IN1-106

Large 106 cm (42")



DLTC Compact Disc Holder

The new compact holder for dedoflex reflectors and diffusers as well as for dedoflex 5 in 1 MultiDiscs. The holder consists of two parts and can be expanded from 71 cm/28" to a maximum of 127 cm/50". A 16 mm stud is provided for mounting accessories or light heads.

WIDE EYE - NEW WIDE ANGLE OPTIONS

Enables focus range like no other light.

When light is pointed downward – even from an angle – rotating barn door leaves give parallel shadows, for the first time in lighting history



Your Rembrandt,
lit with a traditional 8-leaf barn door
(Many barn doors only have 4 leaves)



Our system turns the 'unavoidable'
trapezoidal shadow edges into parallel shadows.



dedolights can focus like no other conventional light source. This is made possible by our patented dedolight concept with two aspherical lenses and triple zoom focus movement.

Small studio lights focus in a ratio of 1:3. Some large studio Fresnels reach 1:6. dedolights have a focusing range up to 1:25. These figures refer to changes of intensity when focusing from flood to spot.

dedolight changes the angle of exit from approx. 60° down to 4°. Such are values which are never reachable by other comparable lights.

New - another added exclusive feature:

A whole series of aspheric optical, wide-angle attachments called Wide Eye. By adding these attachments the focusing range of dedolights is enhanced up to a ratio of 1:55 and changes the angle of exit from 4° all the way to 90°.

For video cameras, such attachments were known to turn a standard zoom into a wide-angle zoom. This is another dedolight lighting exclusive.

Wide Eye is available in three different sizes:

- for Classic dedolight, 200W Sundance and DLED4
- for Series 400 and DLED9
- for Series 1200 and DLED12

Why do we need rotating barn door leaves?

All traditional barn door leaves can only be adjusted parallel to each other.

Isn't that amazing...practically most lighting situations work from an angle (usually from above) in which case the shadow edges of traditional barn door leaves will no longer show as parallel, but as a trapezoidal shape.

That is not the way our houses, rooms, doors and pictures are built. When rotating the barn door leaves of the dedolight (special barn doors like DBD2 and the barn door leaves on the wide-angle attachments) it enables you for the first time to light vertical and rectangular edges of objects with precision.

- widen angle of exit up to 85° or 90°
- perfect light distribution
- minimum light loss
- continuously focusable
- always full control - these Wide Eye attachments work with 8 barn door leaves
- even better - the barn door leaves can rotate (another dedolight patent)



DLWA

Wide-angle attachment for classic dedolight

DLWAR

Wide-angle attachment with rotating barn door leaves for classic dedolight

DLWA400R

Wide-angle attachment with rotating barn door leaves for series 400 lights

DLWA1200R

Wide-angle attachment with rotating barn door leaves for series 1200 lights



HIGH TECH NOISELESS MosFET DIMMERS - ALSO WITH DMX



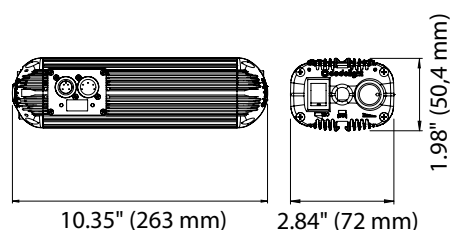
DLDIM2000

240 V max. 2 kW
120V max. 1 kW



DLDIM2000-DMX

DLDIM2000 with integrated DMX control
This dimmer can control many dedolight tungsten focusing and soft lights along with lights of other manufacturers up to 2 kW at 230-240 V or up to 1 kW at 100-120V. Since these DMX-controlled dimmers are noiseless, they can be mounted next to the light.



Mounting devices for attaching to pipes via clamps are available. As a result, many studios will be able to eliminate external dimmers which often generate noise and require a room of their own. Our high tech dimmers bridge the missing gap of DMX for all halogen studio lights.

dedolights with integrated DMX Dimmers

Are used in many TV studios. Most Kinoflo lights can be DMX controlled. Other focusing lights are usually not DMX controllable. This is one of the reasons why our dedolight 150 W DMX controllable light heads (DLHM4300DMX) which offer a light output similar to a traditional 500 W Fresnel, are used in many TV studios. Also our daylight light heads are DMX controllable.

The dedolight DLH400DT daylight fixture, with its DEB400DT ballast is also available with DMX control.

Our new 1200 W daylight source (DLH1200D) and DEB1200D ballast are equipped with integrated DMX control as a standard.



150W light head with light output similar to traditional 500W Fresnels (DLHM4-300DMX)



650W pole operated light head (DLH650PO-DMX)

1000W pole operated light head (DLH1000TPO-DMX)

12/24 V Inline Dimmer

Working with batteries, over voltage can occur quite frequently. As an example - professional video camera batteries which are nominally called 12 V batteries are no longer true 12 V versions but mostly 14.4 V - and when they are freshly charged they provide up to 17 V. The DLDIM-BAT dimmer solves this problem.



DLDIM-BAT

The Classic dedolights work with 12V and /or 24V special low voltage lamps. These lamps offer the following advantages:

- extreme high light output for a halogen system with 40 lumen per Watt (standard high voltage halogen lamps only provide approximately 20 lumen per Watt)
- resistant to shock and vibration (which is definitely not a virtue of high voltage halogen lamps)
- drastically lower purchase cost (75 % less)
- longer life expectancy
- BUT: All halogen lamps which offer very high light outputs are sensitive to over voltage.
- Switch the voltage selector to the 12V - DC position - Now you can feed up to 18V, but the maximum output voltage is limited to 11.8V. This is suitable for 12V - 20, 50, 75 and 100W lamps.
- Switch the voltage selector to the 24V - DC position - Now you can feed up to 36V, but the maximum output voltage is limited to 23.5V. This is suitable for 24V - 50, 100 and 150W lamps.
- The lamps will be gently started (soft start) when switched on.
- Recognition of defective or missing lamp (blink code with LED indicator)
- Short circuit and overload protection
- Smooth dimming range 3-100 %
- Robust and small housing
- Low voltage cutoff at 10.2V respectively 20.4V for protection of batteries
- When input voltage is lower than 12V the maximum output (100%) cannot be reached. Similarly, in 24V mode the maximum is not possible when the input is below 24V

BACKGROUND FX GLASS

To be used with our DP1S Imager (Ø 55 mm), DP1.1 (Ø 66 mm) and DP400 (Ø 100 mm) imagers. Background FX glass quickly change any flat, drab background into a stunning piece of set design.

With eleven different patterns and eight colors, dozens of effects can be created. Focusing and defocusing the pattern changes the mood.

Sandwich them together with standard metal gobos and you have an even wider choice.

All effects and colors are also available for the DP1S (Series DLED2) and the DP400 (Series 400) imager.

For the Series DLED2 is no separate Effect Glass Holder required.

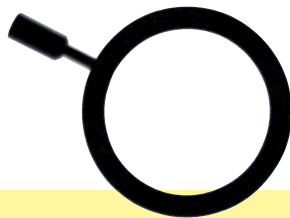


Color hue and density may vary
Do not expect repeatable consistency

Each pattern is available in 8 highly saturated dichroic colors:

Blue (B), Purple (P), Light Blue (LB), Red (R), Magenta (M), Yellow (Y), Turquoise (T), Light Green (LG)

Sample order code: DFXST3-B = „Waffle“ blue – for Series DLED2
DFXT3-B = „Waffle“ blue – for Classic Series / DLED4 Series
DFX400T3-B = „Waffle“ blue – for Series 400 / DLED9 Series

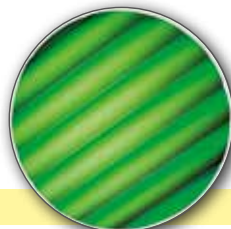


DFXH

Effect Glass Holder for Ø 66 mm (M size)

DFX400H

Effect Glass Holder for Ø 100 mm (A size)



DFXT4

Effect Glass "Waves"



DFXT8

Effect Glass "Crystal"



DFXT1

Effect Glass "Harmony"



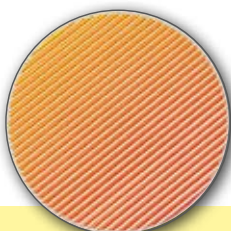
DFXT5

Effect Glass "Lamello"



DFXT9

Effect Glass "Flow"



DFXT2

Effect Glass "Groove"



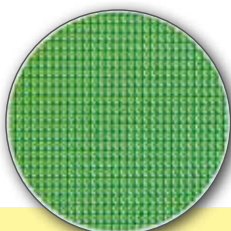
DFXT6

Effect Glass "Mystic Squares"



DFXT10

Effect Glass "Farrago"



DFXT3

Effect Glass "Waffle"



DFXT7

Effect Glass "Cakester"



DFXT11

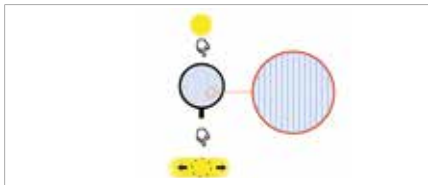
Effect Glass "Cells"



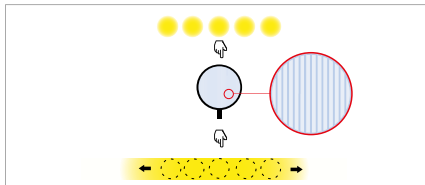
HIGH TRANSMISSION – PRACTICALLY NO DIFFUSION

A special structure in a metal frame / holding ring – These unique light-shaping attachments spread the defined beam of the focusing dedolight in one direction. The orientation of the beam spread can be rotated.

The effect on a dedolight:



On multiple dedolights:

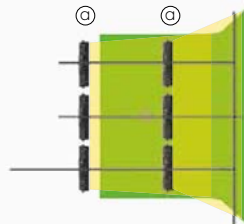
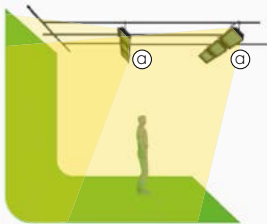


Can also be used for a combination of several dedolights in spot or medium focus position (all with equal focus and intensity settings – DMX), placed in parallel direction to achieve a uniform band of light.

Similar effects have always been possible on focusing studio lights or lights with a defined beam angle by adding a gel filter called "brushed silk". This is still valid, but will always produce a noticeable amount of diffusion at the same time as spreading the light beam in one direction.

With the unequalled dedolight and its clean beam concept, these directional beam spreaders DWAFX allow the spreading of the light without causing diffusion.

1

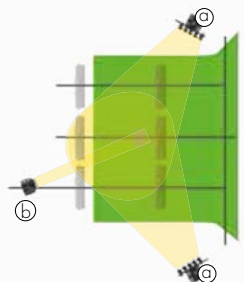
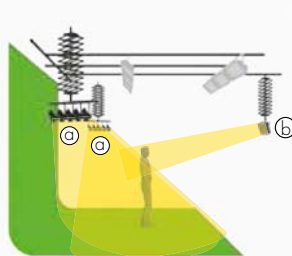


In virtual studios, great care is taken to light the green background and floor evenly and free of shadows.

1a This for example is lit with two rows of KinoFlo Image 80 lights. In most cases, the lighting on the lonely person in the green desert looks relatively sad and unstructured when shooting a medium shot or close-up in such situations. It rarely ever happens that the light on the person has anything to do with the lighting found in the virtual background.

Use of DWAFX beam spreader for backlight and contour light in a virtual studio

2



Placing whole banks of parallel dedolights on both sides (2a), controlling each bank of the lights in an identical way by DMX control, the actor can be lit from the knee upward without causing any noticeable shadows on the green floor. Even if the dedolights are placed in such a way that they are looking downward at a moderate angle, the shadows can be projected to fall outside of the 'action area'.

Also adding an extra light source (2b) to bring some life to the eyes, it is possible to adapt the lighting to closely match the virtual background.

Eventually we will have some videos explaining different approaches for lighting methods for virtual studios.

- For tungsten use dedolights DLHM4-300DMX or DLH650DMX
- For daylight use dedolights DLED4-D or DLED9-D
- For controlled changes of color temperature for back light and contour light use bicolor versions of DLED4-BI-DMX or DLED9-BI-DMX

These directional beam spreaders are available to fit the classic focusing dedolights such as the **DLH4**, **DLHM4-300**, **DLH200DT** and the new **DLED4 – DWAFX** (diameter 76 mm)

Available for Series 400 dedolights such as the **DLH400DT**, **DLH650** and **DLH436** also the new **DLED9 – DWAFX400**

SLIDE PROJECTIONS FOR STUNNING EFFECTS AND TEACHING LIGHTING SETUPS FOR VIRTUAL STUDIOS

For classic dedolight

DP3.1 imager/projection attachment
Use with DLH4, DLHM4-300
and DLH200DT lights for
gobo and slide projection.

Choice of projection lenses:
30, 50, 60, 85, 150 and 185 mm, as well as
two zoom lenses 70-120 mm and 85-150 mm.



DP3.1

With the slide holding attachments which are available for all series of dedolight, slides can be projected.

Usually this wants to be done from an angle, so that the person in front of such a projection will not be touched by the light from the slide projection. This can be done from an angle of 45° or 30°.

Maintaining equal focus from left to right can be achieved by the adjustment of the image plane in our projection devices (left-right as well as up-down).

For our larger lights

The DP400 imager/projection attachment in combination with a DP1200CON or DP1200CON-WA condenser module may be used with the DLH1200 metal halide light head as well as the DLED12 focusing LED light head.

DP1200CON - Standard
For lenses 150-230 mm focal length (also possible with 100 mm)

DP1200CON-WA - Use for wide-angle projection lenses 70-100 mm (150 mm is also possible)



DP400-SHA

For light heads of Series 400

For DLH400DT, DLH650 and also the new DLED9, 90 W light you can use DP400 imager / projection attachment with slide projection



in focus



slide projection out of focus

The background will always appear in focus when using cameras with a small sensor and short focal length lens. Sometimes the effect of a greater separation or space can be achieved by throwing the projected background out of focus – easily done by defocusing the projection lens on our imager.

If further refinement of such effects is wanted, e.g. on a landscape setting, this is possible (by virtue of our moving image plane in the imager) so that the foreground (e.g. the lower part of the image) can be kept in focus, whilst half or two-thirds of the upper image on the projected background can drift out of focus, again creating the illusion of greater depth.

This is also a subject which we will describe in one of our future videos, to show how easy such effects can be achieved.

For the projections of 45° or 30° angle we usually distort the slides in the computer before printing them, and then they will distort on the background onto which the slides are projected so that parallel horizontal description can be maintained. Such slide projections can be used as an easy background projection without the hazards of disturbing reflections from green or blue backgrounds. This may occur when there is not enough space between the talent and the green or blue background.

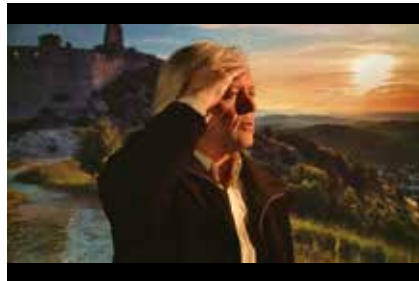


No distortion

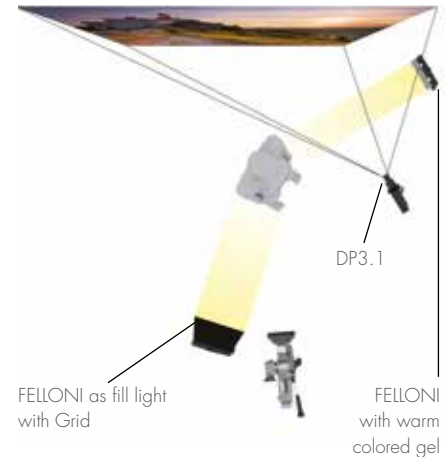


Distorted slide for 30° or 45° projection

To teach lighting for virtual studios, a slide projection can be a wonderful tool. In the same view for the eye, as well as the camera, the projected background image appears at the same time as you can see the setting of the lighting on the talent. Trying to match the lighting on the talent with the character of the lighting in the background is often easily achieved, sometimes aided by the addition of color effect filters.



For the aspiring media student this can be a great learning experience, also for choosing suitable light sources to make the lighting on the talent melt in a natural way into the virtual background (Visibly projected background), and still separate the talent by lighting from the background.



Which slide formats to use for classic dedolight

When you are projecting onto a background, you will not want to see this projection on a person in front of the projected background. Therefore you will place the projector 30 degree (or 45 degree) away from camera axis. With our slide projections, we can adjust the image plane (in 2 axis) and control focus even for projection from an angle.

But we will create key stoning – the projected image will appear distorted.

To compensate key stoning / distortion when projecting from an angle, we pre-distort the images in the adverse direction (in Photoshop). Then the projected image will be displayed without distortion.

Today many backgrounds are created with green screen technology – slide projections occasionally offer an interesting alternative. Even if in the end you will use green screen, the slide projection offers a perfect and direct exercise for matching the lighting on the talent with the character of light in the background.

Our slide projectors come in 2 versions.

DP3.1

A complete unit for the classic dedolights DLH4, DLHM4-300, DLH200DT (see page 38) for use with modified 35 mm slide frames (free window 35 mm wide, 32 mm high). Order code: **DPSFD**

For projection with 85 mm lens from 30 degree angle, distort top and bottom with 3.4 degree (image height will be 32 mm and 25.5 mm left/right)

DP400SHA

Module for our larger DP400 imager/projector (see page 38). Uses regular slide frames 2 1/4 x 2 1/4 (60x60 mm). Order code: **DP400SF**

For projection with 150 mm lens from 30 degree angle, distort top and bottom by 5.7 degree, resulting in image height 60 mm and 48 mm (left/right)

Service for slide production with your own images

Using your own images – depending on the application – you may want to make sure that you are in possession of the rights to these images. Transmit the images to us and we can take care of suitable pre-distortion, developing and framing.

Order code: **DPSCD** (for **DP3.1**)

Order code: **DP400SCD** (for **DP400SHA**)

It is best to use slide frames with no protective glasses.

It may be advisable to have several duplicates made, if you want to use the same slide image for a longer period.





Dedo Weigert Film GmbH

Karl-Weinmair-Straße 10
D-80807 Munich, Germany
Phone: +49-(0)89 - 356 16 01
Fax: +49-(0)89 - 356 60 86

info@dedoweigertfilm.de
www.dedoweigertfilm.de
www.youtube.com/user/dedoweigertfilm