Director LED
DL SERIES

Studio Fresnel Lights

- High power efficiency by using latest LED technology with optimized color rendering for TV studio lighting
- Daylight ,Tungsten or Tunable white color temperature available, with high CRI and TLCI values
- Homogeneous light distribution over wide beam angle due the use of high quality Fresnel glass lenses
- Stable but lightweight aluminum housing with built-in power supply
- Set-up menu optimized for fast adjustment, featuring DMX modes, address, dim factor in % precise dim, temperature, fan mode and dimming curves
- Operated by DMX and on-board controller
- Accessories compatible with Director Halogen lights

SYSTEC S.A.
STUDIO EQUIPMENT
advance by innovation

Director LED DL SERIES

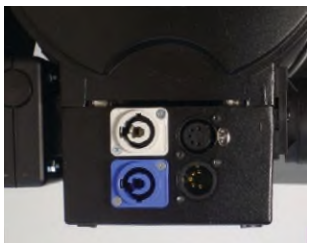
Studio Fresnel Lights

Director LED luminaires DL Series are the recommended lighting solution for TV studios and theaters whenever professional Fresnel lights with best light quality and power efficiency are requested.

The new LED lighting technology is mounted into the very stable and lightweight aluminum housings that already proofed their excellent quality and liability in the Director Classic Halogen studio luminaires.

The easy to operate set-up menu allows a fast adjustment of parameters like DMX channel or manual dimming control.

The listed sets are supplied with stirrup and barndoor. Different product options and accessories are available and ensure a flexible integration into any TV studio with different set requirements.

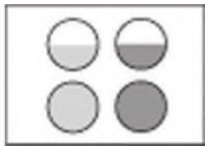


General Technical Specifications

Power supply	100-240V AC, 50/60Hz
Cooling	Active with low noise fan
Mains IN / OUT	PowerCON with Schuko plug
Dimming	DMX512 / on-board controller
DMX IN / OUT	XLR 5-pole
Dimming range	0-100%
CRI	> 96
TLCI	> 97
Mounting	28mm TV spigot
Operating temperature	0 to +45°C
Air humidity	max. 80%
Protection class	IP 20

Barndoor

Outrigger



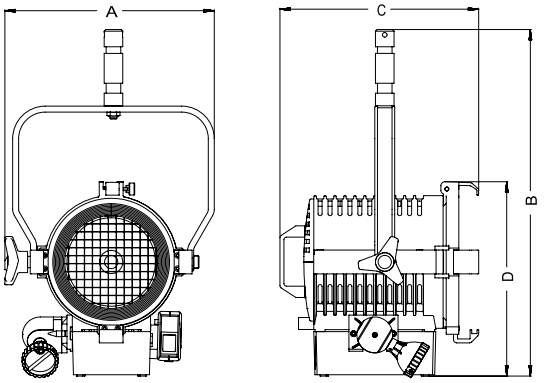
Scrims set

Gelframe

Director LED **DL8**

Technical Specifications

Lens diameter	80mm
Beam angle	14° - 58°
Tilt angle	+/- 90°
Maximal power	35W
Mains IN	3m cable 3x1,5mm² Schuko plug
Mounting	16mm TV spigot
Weight with barndoor	2,7 kg
Dimensions A / B / C / D	201 / 251 / 213 / 183mm



Photometric Data

Model	**DL0832**		**DL0856**	
Color temperature	3200K		5600K	
Distance / Lux	Spot 15°	Flood 58°	Spot 15°	Flood 58°
3m	1368	272	1603	287
4m	770	153	902	161
5m	492	98	577	103
6m	342	68	401	72

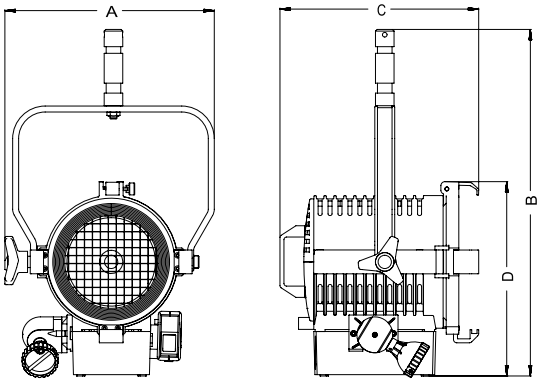
Product Options and Accessories

Order Code	**Description**
DL0832MO	Set Director LED Fresnel light DL0832 (3200K) with manual operated stirrup incl. barndoor D1
DL0856MO	Set Director LED Fresnel light DL0856 (5600K) with manual operated stirrup incl. barndoor D1
STD100	Barndoor D1
STF100	Gelframe 1

Director LED **DL13** & **DL13TW**

Technical Specifications

Lens diameter	130mm
Beam angle	12° - 70° / half peak
Tilt angle	+/- 90°
Weight MO / PO set	5,0 / 6,7kg
Dimensions A / B / C / D	304 / 461 / 299 / 267mm



Photometric Data

Model	**DL1332**		**DL1356**		**DL13TW**			
Nominal power	60W		60W		100W			
Color temperature	3200K		5600K		3200K		5600K	
Distance / Lux	Spot 12°	Flood 50°	Spot 12°	Flood 50°	Spot 12°	Flood 50°	Spot 12°	Flood 50°
3m	3100	600	3260	650	2550	520	3250	660
4m	1744	338	1834	366	1434	293	1828	371
5m	1116	216	1174	234	918	187	1170	238
6m	775	150	815	163	638	130	813	165

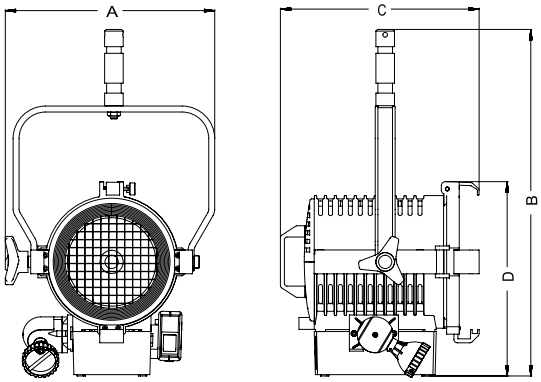
Product Options and Accessories

Order Code	**Description**
DL1332	Director LED Fresnel light DL1332, 3200K tungsten color temperature
DL1332MO	Set Director DL1332 with manual operated stirrup incl. barndoor D2
DL1332PO	Set Director DL1332 with pole operated stirrup incl. barndoor D2
DL1356	Director LED Fresnel light DL1356, 5600K daylight color temperature
DL1356MO	Set Director DL1356 with manual operated stirrup incl. barndoor D2
DL1356PO	Set Director DL1356 with pole operated stirrup incl. barndoor D2
DL13TW	Director LED Fresnel light DL13TW, 2800 - 6500K tunable white color temperature
DL13TWMO	Set Director DL13TW with manual operated stirrup incl. barndoor D2
DL13TWPO	Set Director DL13TW with pole operated stirrup incl. barndoor D2
STD200	Barndoor D2
STF200	Gelframe 2
STO300	Outrigger 3
STS210	Scrims-Set 200

Director LED **DL17** & **DL17TW**

Technical Specifications

Lens diameter	175mm
Beam angle	12° - 56° / half peak
Tilt angle	+/- 90°
Weight MO / PO set	6,0 / 7,7kg
Dimensions A / B / C / D	317 / 522 / 301/ 292mm



Photometric Data

Model	**DL1732**		**DL1756**		**DL17TW**			
Nominal power	120W		120W		170W			
Color temperature	3200K		5600K		3200K		5600K	
Distance / Lux	Spot 12°	Flood 50°	Spot 12°	Flood 50°	Spot 12°	Flood 50°	Spot 12°	Flood 50°
3m	5890	1250	6935	1425	5550	1020	6840	1270
4m	3313	703	3901	802	3122	574	3848	714
5m	2120	450	2497	513	1998	367	2462	457
6m	1473	313	1734	356	1388	255	1710	318

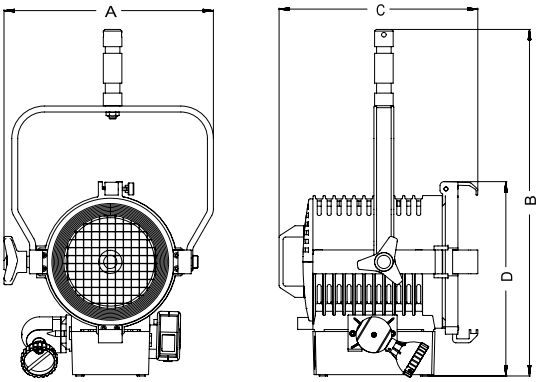
Product Options and Accessories

Order Code	**Description**
DL1732	Director LED Fresnel light DL1732, 3200K tungsten color temperature
DL1732MO	Set Director DL1732 with manual operated stirrup incl. barndoor D3
DL1732PO	Set Director DL1732 with pole operated stirrup incl. barndoor D3
DL1756	Director LED Fresnel light DL1756, 5600K daylight color temperature
DL1756MO	Set Director DL1756 with manual operated stirrup incl. barndoor D3
DL1756PO	Set Director DL1756 with pole operated stirrup incl. barndoor D3
DL17TW	Director LED Fresnel light DL17TW, 2800 - 6500K tunable white color temperature
DL17TWMO	Set Director DL17TW with manual operated stirrup incl. barndoor D3
DL17TWPO	Set Director DL17TW with pole operated stirrup incl. barndoor D3
STD300	Barndoor D3
STF300Z	Gelframe 9 inches
STO300	Outrigger 3
STS310Z	Scrims-Set 9 inches

Director LED **DL20** & **DL20TW**

Technical Specifications

Lens diameter	200mm
Beam angle	12° - 74° / half peak
Tilt angle	+/- 90°
Weight MO / PO set	12,3 / 13,8kg
Dimensions A / B / C / D	350 / 672 / 404 / 388mm



Photometric Data

Model	**DL2032**		**DL2056**		**DL20TW**			
Nominal power	210W		210W		270W			
Color temperature	3200K		5600K		3200K		5600K	
Distance / Lux	Spot 12°	Flood 50°	Spot 12°	Flood 50°	Spot 12°	Flood 50°	Spot 12°	Flood 50°
3m	9020	2040	10950	2310	9620	1750	11870	2160
4m	5074	1148	6159	1299	5411	984	6677	1215
5m	3247	734	3942	832	3463	630	4273	778
6m	2255	510	2738	578	2405	438	2968	540

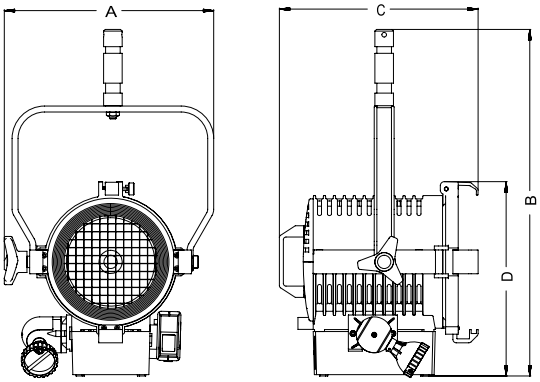
Product Options and Accessories

Order Code	**Description**
DL2032	Director LED Fresnel light DL2032, 3200K tungsten color temperature
DL2032MO	Set Director DL2032 with manual operated stirrup incl. barndoor D4
DL2032PO	Set Director DL2032 with pole operated stirrup incl. barndoor D4
DL2056	Director LED Fresnel light DL2056, 5600K daylight color temperature
DL2056MO	Set Director DL2056 with manual operated stirrup incl. barndoor D4
DL2056PO	Set Director DL2056 with pole operated stirrup incl. barndoor D4
DL20TW	Director LED Fresnel light DL20TW, 2800 - 6500K tunable white color temperature
DL20TWMO	Set Director DL20TW with manual operated stirrup incl. barndoor D4
DL20TWPO	Set Director DL20TW with pole operated stirrup incl. barndoor D4
STD400	Barndoor D4
STF400Z	Gelframe 12 inches

Director LED **DL30**

Technical Specifications

Lens diameter	300mm
Beam angle	10° - 56° / half peak
Tilt angle	+/- 90°
Weight MO / PO set	17,5 / 19,5kg
Dimensions A / B / C / D	480 / 740 / 530 / 446mm



Photometric Data

Model	**DL3032**		**DL3056**	
Nominal power	290W		290W	
Color temperature	3200K		5600K	
Distance / Lux	Spot 12°	Flood 50°	Spot 12°	Flood 50°
3m	18080	2920	18150	3480
4m	10170	1643	10209	1958
5m	6509	1051	6534	1253
6m	4520	730	4538	870

Product Options and Accessories

Order Code	**Description**
DL3032	Director LED Fresnel light DL3032, 3200K tungsten color temperature
DL3032MO	Set Director DL3032 with manual operated stirrup incl. barndoor D6k
DL3032PO	Set Director DL3032 with pole operated stirrup incl. barndoor D6k
DL3056	Director LED Fresnel light DL3056, 5600K daylight color temperature
DL3056MO	Set Director DL3056 with manual operated stirrup incl. barndoor D6k
DL3056PO	Set Director DL3056 with pole operated stirrup incl. barndoor D6k
STD600k	Barndoor D6k
STF600	Gelframe 6

Specifications show typical values and are subject to change without notice

Version V21/10

SYSTEC Film & TV Studio Equipment

SYSTEC S.A. was founded in 1995 and is based in the industrial area of Thessaloniki in Greece. The company started as a supplier of high-tech components for well-known German companies operating in lighting engineering and other industrial applications.

MELA Industrieprodukte GmbH is the sister company based in Hohenbrunn/Munich in Germany, responsible for product management, research, design and development.

A core business field of **SYSTEC** is the manufacturing of professional **suspension**, **lighting** and **ENG** equipment for TV and film studios.

We supply a wide range of suspension equipment for different requirements, starting with manual pantographs up to motorized and computer controlled hoists for automated studios.

Our lighting range comprises Fresnel and soft lights with conventional lamps but also available with latest LED technology with high efficiency and light quality. A benchmark product in the lighting range is the motorized studio luminaire **HELIOS** that allows the remote control of all its functions.

Key features of our products are best quality, safe operation and easy handling. Our products are CE certified and comply with all relevant standards.

The **SYSTEC** studio team with over 20 years of experience in the studio business will support the customer, starting with studio planning up to finalizing the project and the after-sale support.

GREECE-THESSALONIKI OFFICE

SYSTEC S.A.
INDUSTRIAL PRODUCTS

Industrial Area Thessaloniki
P.O. 44 Box 52, 57400 Sindos, Greece
Tel.: +30 2310 723020, Fax.: +30 2310 795336
E-mail: info@systec.gr
www.systec.gr

GERMANY-MUNICH OFFICE

MELA
Industrieprodukte GmbH

Kolpingring 8, D-82041 Oberhaching
Tel.: +49 89 5589109-10
E-mail: sales@melatech.de
www.melatech.net