PHILIPS

Entertainment lighting

EMEA lighting and controls catalogue 2017

Connected solutions putting you in control

innovation + you

Studio and location lighting

Light in television sculpts, it adds depth and perspective to the scene. It's as critical in directing the audiences' attention or influencing their emotions, just as any camera movement, acting or editing does.

Thronecast, Sky TV

Lighting designer: Iain Davidson

Lighting supplier: Richard Martin Lighting

Anchorman to actionman and everything inbetween lights for star quality

Philips Entertainment Lighting has an exciting new line-up of multi-talented fixtures for television studio and location lighting. Our strong heritage in producing camera ready fresnels and panel lights has extended to include softlights and weatherproof portable location fixtures. We have transitioned to LED technology but retained the required attributes and performance of tungsten.

Today's demands for camera ready lights has extended beyond the traditional studio or location set ups. More and more we are experiencing multi-platform transmissions – live opera and theater performances are now regularly recorded; the instantaneous, on the spot reporting with live streaming is now not only the norm but a given – this has all led to the need for fixtures which have excellent light quality, are versatile, adaptable, robust, economical and controllable.

Panel lights

Adaptable, even light source that is versatile and functional, lightweight in construction and for the most part used for close-up, modelling and general lighting of subjects on camera.

TV fresnels

Produce a fairly soft edged beam whose width is controlled by the spot/flood mechanism operated by moving the LED/ reflector combination with respect to the lens. Used as a modelling light, keylight or backlight.

	Studio Panel MKII	200F
	Philips Selecon Studio Panel MKII is a compact, lightweight LED luminaire designed for both studio and location use. Available with a high TLCI rating in tunable white 3200-5600K or fixed whites 3200K and 5600K. The battery power input uses industry standard batteries and the Studio Panel MKII is available with a range of accessories.	Philips Strand 200F is a medium power LED TV fresnel, providing the light output equivalent to a 1000W tungsten fresnel, designed specifically for TV broadcast lighting. A very high TLCI rating provides an excellent quality of light, perfect for the camera. The range includes two color temperatures, 3200K and 5600K in both manual and pole operated formats. Perfect for studio use.
Source	LED	LED
Wattage	43W 41W 30W	180W (max)
Color temperature	3200K 5600K 3200-5600K	3200K 5600K
TLCI	94	96 95
Beam angle	50°	12-60°
Lens size	–	Ø175mm
Color filter size	–	Ø227mm
Dimming	Local DMX 8 or 16-bit	Local DMX 8 or 16-bit
Operating voltage	100-240VAC 12-24VDC (battery power)	220-240VAC (auto-ranging)
Frequency	50/60Hz	50/60Hz
Current draw	0.8 A (max.) @ 115V 0.4 A (max.) @ 230V	0.82A (max)
Power consumption	50W (max)	180W (max)
Ambient temperature	0-40°C	0-37°C
Cooling	Natural convection	Fan
Humidity	5-95% non-condesnsing	0-95% non-condensing
IP Rating	IP20	IP20
Finish	Black	Black
Construction	Die-cast aluminium	Aluminium extrusion and casting
Dimensions W x H x D (max.)	300 x 545 x 66mm	346 x 603 x 326mm
Weight	2.3kg	7.4kg (Manual operation) 7.9kg (Pole operation)
Warranty	3 years	2 years

Softlights

Softlights are less controllable than fresnels but more subtle and less intense. They are designed to balance the lighting and to lessen the shadows on faces.

400F	150S	300S
NEW!	NEW!	NEW!
Philips Strand 400F is a high power LED TV fresnel, providing the light output equivalent to a 2000W tungsten fresnel designed specifically for TV broadcast lighting. A very high TLCI rating provides an excellent quality of light, perfect for the camera. The range includes two color temperatures, 3200K and 5600K in both manual and pole operated formats. Perfect for larger studio use.	Philips Strand 150S is a slimline LED studio softlight designed specifically for TV broadcast lighting. With a very high TLCI rating in excess of 94 and a consistent 3100K and 5600K soft, even, 50° beam output with quiet operation.	Philips Strand 300S is a slimline, large LED studio softlight designed specifically for TV broadcast lighting. With a very high TLCI rating in excess of 94 and a consistent 3100K and 5600K soft, even, 50° beam output with quiet operation.
LED	LED	LED
380W (max)	150W	300W
3200K 5600K	3100K 5600K	3100K 5600K
96 97	94 96	94 96
12-45°	50°	50°
Ø250mm	–	–
Ø320mm	585 x 238mm	555 x 415mm
Local DMX 8 or 16-bit	Local DMX 8 or 16-bit	Local DMX 8 or 16-bit
220-240VAC (auto-ranging)	220-240VAC (auto-ranging)	220-240VAC (auto-ranging)
50/60Hz	50/60Hz	50/60Hz
1.73A (max)	0.68A	1.36A
380W (max)	150W (max)	300W (max)
0-37°C	0-40°C	0-40°C
Fan	Natural convection	Natural convection
0-95% non-condensing	5-95% non-condensing	5-95% non-condensing
IP20	IP20	IP20
Black	Black	Black
Aluminium extrusion and casting	Aluminium extrusion and sheet	Aluminium extrusion and sheet
465 x 752 x 422mm	735 x 327 x 117mm	735 x 790 x 140mm
14.8kg (Manual operation) 17.4kg (Pole operation)	8.4kg (Manual operation) 9.5kg (Pole operation)	11.5kg (Manual operation) 15.0kg (Pole operation)
2 years	2 years	2 years

Panel lights: Studio Panel MKII

Philips Selecon Studio Panel MKII is a compact, lightweight LED luminaire, designed for both studio and location use. They feature calibrated white color temperature settings of 3200K and 5600K, making them ideal for a wide range of lighting applications.

Requiring just 50 Watts, these luminaires operate on AC or DC voltage. The battery power input allows location operation using industry standard batteries. Additional holographic diffuser accessories provide beam angle control with minimal light loss.

Shown with barndoor 2x pairs

Product specification

Light source	Color temp	TLCI	Wattage	Beam	Dimming	Housing	Overall dimensions W x H x D	Weight	Order Code
LED	3200-5600K	94	30W	50°	Local / DMX	Black	300 x 545 x 66mm	2.3kg	PLSTUPNL-TW-03 MKII
LED	3200K	94	43W	50°	Local / DMX	Black	300 x 545 x 66mm	2.3kg	PLSTUPNL-3200-03 MKII
LED	5600K	94	41W	50°	Local / DMX	Black	300 x 545 x 66mm	2.3kg	PLSTUPNL-5600-03 MKII

Accessories

	Finish	Order Code
2 leaf barndoor	Black	PLSTUPNLBD
40° standard spread lens		PLSTUPNLL40
60° standard spread lens		PLSTUPNLL60
Front mount accessory holder / adapter ring	Black	PLSTUADPTRG
Pistol grip handle		PLSTUPGH
16mm female stud adapter		PLSTUPNLSAF
16mm male stud adapter		PLSTUPNLSAM
Anton Bauer Gold Series battery mount		PLSTUABBH
V-lock style battery mount		PLSTUVLBH

Features

- Compact lightweight design.
- 50 degree beam angle.
- 8 or 16-bit control from any DMX512-A control source.
- Local rotary control for intensity.
- Variable version features 9 built-in color temperature pre-sets including 3200K and 5600K.
- Variety of accessories (all accessories are sold separately).
- Battery or mains operated.
- Three year limited warranty.

Suggested uses:

For more information visit philips.com/selecon

TV fresnels: 200F and 400F

Philips Strand 200F and 400F, broadcast-grade fresnels, provide a world class LED alternative to the traditional 1kW and 2kW tungsten fresnels, reducing the power consumption by approximately 80%.

Using an innovative optical and thermal design, the 400F's 10" lens, provides a 12-45° beam angle delivering more than 2000 lux at a 10m distance.

Equipped with a smart Strand control user-interface, the color LCD display with 8 soft keys and decoder wheel enables intuitive operation. A USB port also allows for future firmware upgrades or performance data file downloads.

Both the 200F and 400F LED TV fresnels consist of both a tungsten and daylight version. Either can be pole-operated or manually-operated, with a pole-operated focusing knob at the front and manual knob at the rear.

200F

Product specification

Light source	Type	Color temp	TLCI	Wattage	Beam	Dimming	Housing	Overall dimensions W x H x D	Weight	Order Code
LED	Manual operation	3200K	96	180W	12-60°	Local / DMX	Black	326 x 603 x 326mm	7.4kg	200FTVTUNGMO
LED	Manual operation	5600K	95	180W	12-60°	Local / DMX	Black	326 x 603 x 326mm	7.4kg	200FTVDAYLTMO
LED	Pole operation	3200K	96	180W	12-60°	Local / DMX	Black	346 x 603 x 326mm	7.9kg	200FTVTUNGPO
LED	Pole operation	5600K	95	180W	12-60°	Local / DMX	Black	346 x 603 x 326mm	7.9kg	200FTVDAYLTPO

400F

Product specification

Light source	Type	Color temp	TLCI	Wattage	Beam	Dimming	Housing	Overall dimensions W x H x D	Weight	Order Code
LED	Manual operation	3200K	96	380W	12-45°	Local / DMX	Black	435 x 752 x 422mm	14.8kg	400FTVTUNGMO
LED	Manual operation	5600K	97	380W	12-45°	Local / DMX	Black	435 x 752 x 422mm	14.8kg	400FTVDAYLTMO
LED	Pole operation	3200K	96	380W	12-45°	Local / DMX	Black	465 x 752 x 422mm	17.4kg	400FTVTUNGPO
LED	Pole operation	5600K	97	380W	12-45°	Local / DMX	Black	465 x 752 x 422mm	17.4kg	400FTVDAYLTPO

Accessories

	Order Code
200F spare 4 leaf barndoor	200FTVBD
400F spare 4 leaf barndoor	400FTVBD

Features

- High TLCI.
- Available as manual and pole operation.
- Shaft focus design, with manual knob at rear and angled pole operation cup at the front.
- 3 selectable fan modes for complete control – silent / brightness / on.
- Selectable LED or "tungsten" response.
- Built-in 3 tungsten dimmer curves for matching legacy lighting.
- Color LCD display.
- Easy "touch and turn" operation with 8 soft buttons and wheel.
- USB port for firmware upgrade and performance log file download.
- Local and DMX control.
- RDM setup.
- powerCON AC and 5-pin DMX in and thru connectors.
- Two year limited warranty.

Supplied with:

Barndoor
Color frame
28mm spigot

Suggested uses:

For more information visit philips.com/strandlighting

Softlights: 150S and 300S

Philips Strand 150S and 300S are new slimline LED studio softlights designed specifically for TV broadcast lighting. Higher than 90 TLCI and consistent cool white – 5600K and warm white – 3100K in a soft even output. Conventional cooling without fans to offer a quiet operation environment during TV program recording.

A large illuminance output area, 50˚ beam angle for a smooth even output to a far distant object. High performance optical system formed by a high quality PMMA convex lens and frost panel filter. With on board full color LCD display, all necessary data such as DMX address, Intensity, Cd value, CRI, LED/tungsten mode, Curve type, CCT and internal temperature can be viewed at all times. With the simple “touch and turn” design, all parameters can be easily adjusted.

The range complements the 200F and 400F LED TV fresnels.

150S

Product specification

Light source	Type	Color temp	TLCI	Wattage	Beam	Dimming	Housing	Overall dimensions W x H x D	Weight	Order Code
LED	Manual operation	3100K	94	150W	50°	Local / DMX	Black	593 x 327 x 117mm	8.4kg	150S3100K
LED	Manual operation	5600K	96	150W	50°	Local / DMX	Black	593 x 327 x 117mm	8.4kg	150S5600K
LED	Pole operation	3100K	94	150W	50°	Local / DMX	Black	735 x 560 x 137mm	9.5kg	150S3100KPO
LED	Pole operation	5600K	96	150W	50°	Local / DMX	Black	735 x 560 x 137mm	9.5kg	150S5600KPO

300S

Product specification

Light source	Type	Color temp	TLCI	Wattage	Beam	Dimming	Housing	Overall dimensions W x H x D	Weight	Order Code
LED	Manual operation	3100K	94	300W	50°	Local / DMX	Black	593 x 556 x 117mm	11.5kg	300S3100K
LED	Manual operation	5600K	96	300W	50°	Local / DMX	Black	593 x 556 x 117mm	11.5kg	300S5600K
LED	Pole operation	3100K	94	300W	50°	Local / DMX	Black	735 x 790 x 140mm	13.5kg	300S3100KPO
LED	Pole operation	5600K	96	300W	50°	Local / DMX	Black	735 x 790 x 140mm	13.5kg	300S5600KPO

Accessories

	Order Code
150S 20° honeycomb	150SHC20
150S 36° honeycomb	150SHC36
300S 20° honeycomb	300SHC20
300S 36° honeycomb	300SHC36
150S 8 leaf barndoor	150SBD8L
300S 8 leaf barndoor	300SBD8L

Features

- Fixed stable color temperature.
- High TLCI.
- No fans – silent cooling.
- Real time intensity display.
- Selectable LED or “tungsten” response.
- Color LCD display.
- Easy “touch and turn” operation.
- Local and DMX control.
- RDM setup.
- powerCON AC and 5-pin DMX in and thru connectors.
- Two year limited warranty.

Suggested uses:

For more information visit philips.com/strandlighting

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