



Strand Lighting

P R O D U C T D A T A

Leko 15

Fixed 15° beam angle 1000W profile spotlight for throws of between 15 - 20m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 15° 6.0kg * 1200 Lux
 ◀ 15m X 190 x 190mm ⊕ B 8.6kg 0.085m³
 ✓ EN60 598 2-17

Cat. No. Description

12314	Leko 15, 240V CP77 lamp, 15A plug
12313	Leko 15, 230V CP77 lamp, Schuko plug

Leko 20

Fixed 20° beam angle 1000W profile spotlight for throws of between 14 - 18m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 20° 6.0kg * 1000 Lux
 ◀ 14m X 190 x 190mm ⊕ B 6.8kg 0.057m³
 ✓ EN60 598 2-17

Cat. No. Description

12324	Leko 20, 240V CP77 lamp, 15A plug
12323	Leko 20, 230V CP77 lamp, Schuko plug

Leko 30

Fixed 30° beam angle 1000W profile spotlight for throws of between 12 - 15m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 30° 6.0kg * 1100 Lux
 ◀ 12m X 190 x 190mm ⊕ B 6.8kg 0.057m³
 ✓ EN60 598 2-17

Cat. No. Description

12334	Leko 30, 240V CP77 lamp, 15A plug
12333	Leko 30, 230V CP77 lamp, Schuko plug

Leko 40

Fixed 40° beam angle 1000W profile spotlight for throws of between 10 - 12m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 40° 6.0kg * 1000 Lux
 ◀ 10m X 190 x 190mm ⊕ B 6.8kg 0.057m³
 ✓ EN60 598 2-17

Cat. No. Description

12344	Leko 40, 240V CP77 lamp, 15A plug
12343	Leko 40, 230V lamp, Schuko plug

Leko 50

Fixed 50° beam angle 1000W profile spotlight for throws of between 8 - 10m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 50° 6.0kg * 1000 Lux
 ◀ 8m X 190 x 190mm ⊕ B 6.8kg 0.057m³
 ✓ EN60 598 2-17

Cat. No. Description

12354	Leko 50, 240V CP77 lamp, 15A plug
12353	Leko 50, 230V CP77 lamp, Schuko plug

Leko Accessories

Cat. No. Description

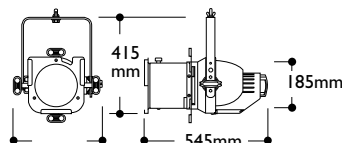
43774	Additional CP77 1000W 240V lamp
43773	Additional CP77 1000W 230V lamp
18220	Additional 20° Lens Tube
18230	Additional 30° Lens Tube
18240	Additional 40° Lens Tube
18250	Additional 50° Lens Tube
18102	Iris, 18-leaf
18101	Holder for 'B' size gobo, rotatable
18105	Additional colour frame, card
55001	Colour Call Scroller CC1
82010	Hook Clamp
82000	Safety cable, light duty (up to 16kg)

I.1.8

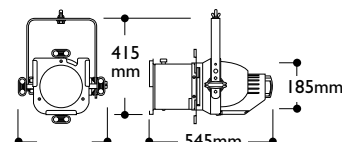
S P O T L I G H T S

LEKO™ 1000W Fixed Focus

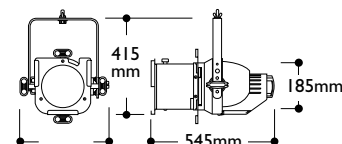
Leko 50



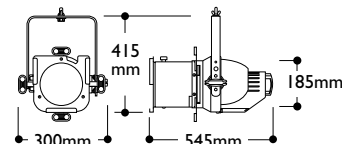
Leko 40



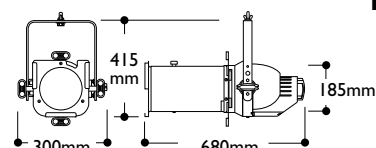
Leko 30



Leko 20



Leko 15



- New range of five fixed-angle 1000W ellipsoidal spotlights
- Compact and lightweight diecast aluminium body
- Four interchangeable lens tubes 20°, 30°, 40° and 50°
- Fast rigging and focusing
- High-output, short length
- High-angularity shutter assembly with 100° movement per shutter blade
- Simple lamp replacement without disturbing lamp setting
- Designed to meet international safety standards
- Economically priced
- Supplied with 1000W CP77 lamp, colour frame, mounting fork with M10 wingnut and bolt, and 1.5m power cable with plug fitted
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

A GUIDE TO SYMBOLS AND ABBREVIATIONS

GENERAL W Supply voltage V Current rating 6.0kg Weight of product 8.6kg Packed weight 0.085m³ Packed volume
 15m Overall dimension of product ✓ Compliance with international standards. 1000W Watts (maximum recommended) < Beam angle (Cut-off angles for profile spotlights) ◀ Throw (usual working distance from subject in metres) * Illuminance (maximum Lux at throw distance stated with lamp recommended or supplied)
 ⊕ Gobo (pattern) size. B = 86mm dia., 64.5mm image dia. X Colour filter cut size
 BS British Standard. IP International Protection Standard

Photometric Data

Typical performance based on I000W CP77 240V lamp

Lux readings

Leko	15°		20°		30°		40°		50°	
	Peak	Cos	Peak	Cos	Peak	Cos	Peak	Cos	Peak	Cos
9							1324	775	604	
11							978	886	519	405
13	1137	925	1101	868	890	720	700	635	372	290
15	854	695	827	652	668	541	526	477	279	218
17	665	541	644	507	520	421	410	371	217	170
19	532	433	516	407	416	337	327	297	174	136
21	436	354	422	333	341	276	268			
23	363	295	352	277	284					

Beam Diameter

Leko	15°		20°		30°		40°		50°	
	Peak	Cos	Peak	Cos	Peak	Cos	Peak	Cos	Peak	Cos
9							6.2	6.3	9.0	
11							5.5	6.2	7.7	11.0
13	3.1	3.3	4.8	4.9	5.3	5.9	6.5	9.0	9.2	13.0
15	3.6	3.8	5.5	5.7	6.1	8.0	7.5	10.3	10.6	15.0
17	4.0	4.3	6.2	6.5	6.9	9.1	8.5	11.7	12.0	17.0
19	4.5	4.8	7.0	7.2	7.7	10.2	9.5	13.1	13.4	18.9
21	5.0	5.3	7.7	8.0	8.5	11.3	10.5			
23	5.4	5.9	8.4	8.7	9.4					

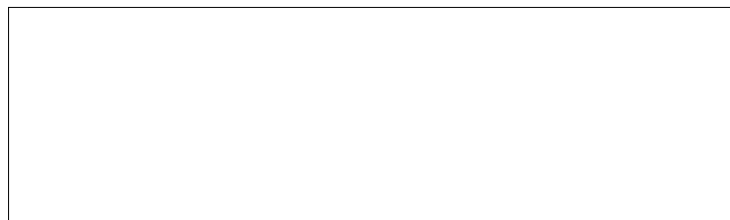
Peak distribution

	Peak Candela	1/2 Peak	1/10 Peak
15°	192,000	8°	14°
20°	186,000	11°	21°
30°	150,000	12°	23°
40°	118,000	14°	28°
50°	63,000	23°	39°

Cosine distribution

	Peak Candela	1/2 Peak	1/10 Peak
15°	156,000	12°	15°
20°	147,000	13°	21°
30°	122,000	15°	30°
40°	107,000	15°	38°
50°	49,000	24°	53°

The Company reserves the right to make any variation in design or construction to the equipment described.
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Lamp Data

Specify lamps for replacement, giving voltage, to the following specifications

	240V	230V
Watts	1000W	1000W
Designation	CP77 (FEP)	CP77 (FEP)
Base	G9.5	G9.5
Lumens	25000	25000
Rated Life-Hours	300	300
Colour Temperature	3200K	3200K

Electrical Data

Supply Voltage	230V/240V
Max Lamp Watts	1000W
Lamp Type/Socket	TP 22 Medium 2-pin.
Cable/Connections	1.5m silicone insulated power cable with bare leads or connector as specified. Strain relieved in rear plastic handle.
Standards Compliance	Designed to conform to EN 60 598 2-17.

Environmental Data

Max Operating Ambient Temp	45°C
Max Surface Temp	300°C
IP Rating	IP20
Tilt/Recommended angles of use	+90° 0 -90°

Mechanical Data

Paint/Finish	Black. Epoxy powder coat paint finish.
Lamp House	Diecast aluminium.
Lens Tube	Rolled steel, with spun aluminium carrier and pressed steel colour frame holder.
Reflector	Double flatted near-ellipsoidal reflector of polished, anodised aluminium.
Mounting/Suspension	Mounting fork with M10 wingnut and bolt or DIN 15560 mounting.
Optical System	Light collimated through gate using faceted near ellipsoidal reflector of polished anodised aluminium. Image at gate projected using two plano-convex lenses.
Pattern/Gobo Size	B

Weights and Dimensions

	Leko 15	Leko 20, 30, 40, 50
Weight	7.8kg	6.0kg
Length	680mm	545mm
Width	300mm	300mm
Height (incl. stirrup)	415mm	415mm
Packed weight	8.6kg	6.8kg
Packed depth	305mm	305mm
Packed width	300mm	300mm
Packed height	800mm	690mm
Filter cut size	190mm x 190mm	

Operational Data

Lamp Access	Removable socket assembly.
Focus Adjustment	By cross head screwdriver. Axial plane to vary distribution. Transverse plane to vary centre the lamp.
Beam Shaping	Four shutters in two independent planes allowing 100° rotation about the light axis of each shutter.
Tilt	Adjustment by means of pivot on either side of fork, locked by T-handle on interlocking spring cup and disk mechanism.
Pan	Pivot around M12 bolt through centre of fork, or using DIN 15560 mounting.