



LL STAGE SPOT VO

is perfect solution for rental and touring market. The design allows simple and fast exchange of LED modul optics (10°, 25°, 40°, Eliptical) and quick installation.

LL STAGE SPOT VO RGBA provides dynamic colour changes of full colour spectrum with continuously variable intensity.

The luminaries are characterized by accurate and uniform light distribution. The rare optic generates perfect shaped light ideal for accent floodlighting.

This range is compatible with DMX512 for any lighting and graphic effects.

It simplifies installations by discovering and addressing lights in a network.

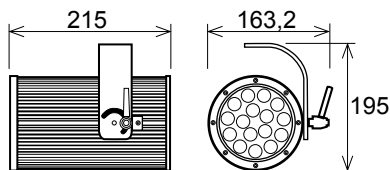
Main applications

- accent lighting for rental and touring market
- illumination of TV studios, theatres, concerts, stages

Rental

LL STAGE SPOT VO

Dimensions in mm:



Technical specification

Lamp type:	16xRGBA OneChip LED *
Lifetime:	Long 60 000 hrs 90% degradation
Vario Optic:	10°, 25°, 40° and EL (Eliptical 15°x90°)
Control data connection:	IP20: DMX 512 In/Out with 5pin XLR IP65: DMX 512 In/Out with 1m cable
Max. input power:	150W
Power connection:	IP20: 100-260V AC In/Out PowerCon IP65: 100-260V AC 50-60Hz In 1m cable
Net weight:	3kg
Dimensions LxWxH:	215mm x max.163,2mm x max.195mm
IP:	IP20, IP65
Ambient temp. (Ta):	Maximum 40°C
Cooling:	Conventional
Materials and finish:	Housing: powder-painted anodized aluminium in black (other colours on request)
Installation:	Surface mounting

* LED:  RGBA-Red and Green and Blue and Amber



Front view



Side view

DMX channels:

- dmx1 = Red
- dmx2 = Green
- dmx3 = Blue
- dmx4 = Amber
- dmx5 = Master (Dip1=On)
- dmx6 = Strobe (Dip1=On)

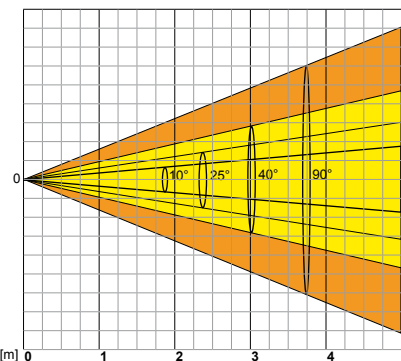
Switch functions Dip4:

- Dip1 = ExtMode (+2 ch.: Master, Strobe)
- Dip2 for future
- Dip3 for future
- Dip4 = Ultra soft curve



Dynamic colour variations

LL STAGE SPOT VO



LL STAGE SPOT RGBA VO

RGBA	10°	Diameter [m]	0,25	0,43	0,60	0,78	0,96
		25°	Diameter [m]	0,53	0,97	1,41	1,85
	40°	Diameter [m]	0,81	1,54	2,27	2,99	3,73
Red 5xLED	10°	E(0°) [lx]	4480	1000	440	260	165
	25°	E(0°) [lx]	2650	595	263	154	100
	40°	E(0°) [lx]	1195	297	133	76	50
	EL	E(0°) [lx]	810	200	93	53	36
Green 4xLED	10°	E(0°) [lx]	4590	1090	473	286	187
	25°	E(0°) [lx]	2880	642	285	163	105
	40°	E(0°) [lx]	1344	338	152	88	57
	EL	E(0°) [lx]	950	231	106	61	38
Blue 4xLED	10°	E(0°) [lx]	7730	1800	767	452	294
	25°	E(0°) [lx]	5360	1193	525	301	196
	40°	E(0°) [lx]	2680	611	275	157	104
	EL	E(0°) [lx]	1620	403	182	105	68
Amber 5xLED	10°	E(0°) [lx]	3040	630	260	150	93
	25°	E(0°) [lx]	1430	356	160	95	62
	40°	E(0°) [lx]	760	188	82	46	32
	EL	E(0°) [lx]	484	121	55	31	21
RGB 22xLED	10°	E(0°) [lx]	16300	4150	1630	970	630
	25°	E(0°) [lx]	10510	2650	1050	600	390
	40°	E(0°) [lx]	5290	1205	540	315	206
	EL	E(0°) [lx]	3600	820	370	215	138
RGBA 22xLED	10°	E(0°) [lx]	18350	4620	1800	1065	670
	25°	E(0°) [lx]	11500	2840	1150	660	430
	40°	E(0°) [lx]	5860	1340	600	343	226
	EL	E(0°) [lx]	3950	893	410	235	152



LL VARIO OPTIC SPOT 16

Order data IP20:

Order code	Product name
LL36 202	LL STAGE SPOT 16 RGBA VO, 25°
LL36 203	LL STAGE SPOT 16 RGBA , <i>without optic</i>

Accessories:

Order code	Product name
LL37 190	LL VARIO OPTIC SPOT 16 10°
LL37 191	LL VARIO OPTIC SPOT 16 25°
LL37 192	LL VARIO OPTIC SPOT 16 40°
LL37 193	LL VARIO OPTIC SPOT 16 EL (Eliptical 15°x90°)

Order data IP65:

Order code	Product name
LL35 202	LL STAGE SPOT 16 RGBA IP65, 25°

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