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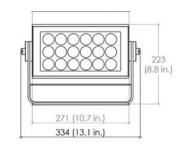
The P·2

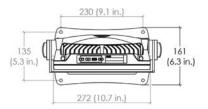
15° Beam Angle

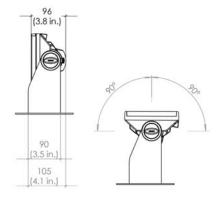
Compact LED wash light with maximum output

The P-2 might not not look like much, but don't be fooled by its small size. This compact and light fixture packs a large array of features that will suit any need. Based on the groundbreaking P-5 technology, the IP65-rated P-2 comes in a very small and robust chassis weighing only 6.1 kilos/13.4 lbs.

- The fixture features 18 lenses which are divided into 3 individually controllable segments with RGBW colors.
- Due to the high level of variation possibilities, implementing the P-2 in your light design generates wide-ranging colour and effect combinations.
- Containing 18 high power 10W RGBW LEDs, P-2 has a staggering light output of 10,100 lumen – 1,656 lumen per kilo - and an efficacy of 51 lm/W.
- With an unprecedented small physical footprint for this type of product, the extremely compact unit ensures easy and quick setup.
- The P-2 offers a variation of beam angles with 15°, 21° and 43° interchangeable lenses.







For additional detailed product information, go to http://sgmlight.com/products/p-2/c-23/p-224



Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Optics	Light source LEDs expected lifetime Interchangable lens option	18 x High power 10W RGBW LEDs 50,000 hours* 15°, 21° & 43°
Photometric	Light output Efficacy	10,100 lumen (15* lens)** 51 lm/W
Features	Pan/Tilt LED Panel	0° / 180° 3 individual controllable segments
Electrical	AC Power nominal AC Power max rating Maximum power consumption Typical power consumption Power factor	100 - 277V 50/60Hz 90 - 305V 50/60Hz 275 W (all LEDs on) 200 W (all LEDs on) 0.98 PF (230 V)
Programming and Control	Protocol Setting and addressing DMX channels	USITT DMX512 A RDM Stand alone mode Oled graphical display / 4 buttons Software upgradable via Uploader cable (P/N:83062011) 3, 6, 9, 12, 15 or 22
Physical	Dimensions (L x H x W) Weight Material Lens IP class	334 x 223 x 105 mm (13,2 x 8,8 x 4.1 in) 6.1 kg (13.4 lbs.) Aluminium PE and tempered glas front IP65
Installation	Orientation Rigging possibilities Safety features	Any Floor stand (included) or hanging (Omega Clamp included) Bottom mount for Safety wire
Thermal	Temperature range, Operating Humidity (max.) Cooling	-10° to +40°C (-14° to +104°F) 98% Active, forced air, temperature-regulated, low noise
Connections	DMX data in/out	IP65 Neutrik HD locking XLR 5-pin cable 0.5m, for DMX in and out Power cable 1m with bare ends
Conforms to	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive	EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU
Included Items	Included Items	Floor Stand (incl. screws) 1 pcs Omega bracket User manual Neopren pouch
Fixtures and Accessories	Fixtures Cables Lens/s Brackets Accessory Holder	Order no: 80030529 - P-2 Wash Light (15°) Order no: 83062011 - SGM USB uploader cable Order no: 83061134 - P-2, Lens kit (43°) Order no: 83061133 - P-2, Lens kit (21°) Order no: 83061132 - P-2, Lens kit (15°) Order no: 83060602 - Omega bracket Order no: 83061127 - Accessory Holder P-2 series
	Barndoors Frames	Order no: 83061127 - Racressory ord-way, P-2/Q-2 series Order no: 83061130 - Barndoor 8-way, P-2/Q-2 series Order no: 83061130 - Barndoor 8-way, P-2/Q-2 series Order no: 83061131 - Color frame, P-2/Q-2 series

IP65 RoHS CE

- * Figure provided by manufacturer and obtained under manufacturer's test conditions ** Goniometer scan / ocean optics / Viso Light Studio



Photometrics

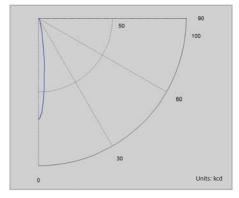
15° All LEDs on Lux Diagram in m/lux

Distance, (m)	Illuminance, (lux) All on	Beam width, (m) 50% max	
1	67401	0,2	
2	16850	0,5	
3	7489	1	
5	2696	1	
10	674	3	
15	300	4	
20	169	5	
25	108	6	
30	75	7	
35	55	9	
40	42	10	
45	33	11	
50	27	12	

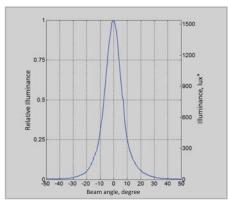
15° All LEDs on Lux Diagram in ft/fc

Distance, (ft)	Illuminance, (lux) All on	Beam width, (ft) 50% max	
3,5	5502	0,9	A
5	2696	1,2	
10	674	3	
15	300	4	
20	168	5	
25	108	6	
30	75	7	
35	55	9	
40	42	10	
45	33	11	
50	27	12	
55	22	14	
60	19	15	

15° All LEDs on Polar Candela Distribution



15° All LEDs on Beam Profile



* Illuminance is measured at a distance of 6.7m. For additional information refer to Lux diagram.

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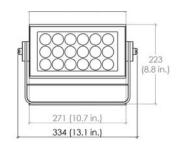
The P·2

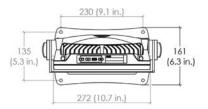
21° Beam Angle

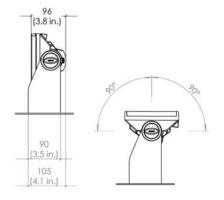
Compact LED wash light with maximum output

The P-2 might not not look like much, but don't be fooled by its small size. This compact and light fixture packs a large array of features that will suit any need. Based on the groundbreaking P-5 technology, the IP65-rated P-2 comes in a very small and robust chassis weighing only 6.1 kilos/13.4 lbs.

- The fixture features 18 lenses which are divided into 3 individually controllable segments with RGBW colors.
- Due to the high level of variation possibilities, implementing the P-2 in your light design generates wide-ranging colour and effect combinations.
- Containing 18 high power 10W RGBW LEDs, the P-2 with a beam angle of 21° has a staggering light output of 10,000 lumen 1,639 lumen per kilo and an efficacy of 50 lm/W.
- With an unprecedented small physical footprint for this type of product, the extremely compact unit ensures easy and quick setup.
- The P-2 offers a variation of beam angles with 15°, 21° and 43° interchangeable lenses.







For additional detailed product information, go to http://sgmlight.com/products/p-2/c-23/p-224



Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Ontics	Light source	19 v High power 10W PCDW LEDs
Optics	Light source	18 x High power 10W RGBW LEDs
	LEDs expected lifetime	50,000 hours*
	Interchangable lens option	15°, 21° & 43°
Photometric	Light output	10,000 lumen (21° lens)**
	Optical efficacy	50 lm/W
	.,,	
Features	Pan/Tilt	0° / 180°
	LED Panel	3 individual controllable segments
Electrical	AC Power nominal	100 - 277V 50/60Hz
	AC Power max rating	90 - 305V 50/60Hz
	Maximum power consumption	275.11/ 11.52
	Typical power consumption	275 W (all LEDs on) 200 W (all LEDs on)
	Power factor	
	Power factor	0.98 PF (230 V)
Programming and Control	Protocol	USITT DMX512 A
0 1 1 1 1	Setting and addressing	RDM
	3 3	Stand alone mode
		Oled graphical display / 4 buttons
		Software upgradable via Uploader cable (P/N:83062011)
	DMX channels	3, 6, 9, 12, 15 or 22
Physical	Dimensions (L x H x W)	334 x 223 x 105 mm (13,2 x 8,8 x 4.1 in)
	Weight	6.1 kg (13.4 lbs.)
	Material	Aluminium
	Lens	PE and tempered glas front
	IP class	IP65
Installation	Orientation	Any
	Rigging possibilities	Floor stand (included) or hanging (Omega Clamp included)
	Safety features	Bottom mount for Safety wire
Thermal	Temperature range, Operating	-10° to +40°C (-14° to +104°F)
	Humidity (max.)	98%
	Cooling	Active, forced air, temperature-regulated, low noise
Connections	DMX data in/out	IP65 Neutrik HD locking XLR 5-pin cable 0.5m, for DMX in and out
Connections	DMX data in/out	IP65 Neutrik HD locking XLR 5-pin cable 0.5m, for DMX in and out Power cable 1m with bare ends
		Power cable 1m with bare ends
Connections Conforms to	2006/95/EC: Low Voltage Directive	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471
	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3
	2006/95/EC: Low Voltage Directive	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471
Conforms to	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU
	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws)
Conforms to	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 pcs Omega bracket
Conforms to	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 pcs Omega bracket User manual
Conforms to	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 pcs Omega bracket
Conforms to	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 pcs Omega bracket User manual
Conforms to Included Items	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive Included Items	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 pcs Omega bracket User manual Neopren pouch
Conforms to Included Items	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive Included Items	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 pcs Omega bracket User manual Neopren pouch Order no: 80030526 - P-2 Wash Light (21")
Conforms to Included Items	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive Included Items Fixtures Cables	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 ps: Omega bracket User manual Neopren pouch Order no: 80030526 - P-2 Wash Light (21*) Order no: 83062011 - SGM USB uploader cable
Conforms to Included Items	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive Included Items Fixtures Cables	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 pcs Omega bracket User manual Neopren pouch Order no: 80030526 - P-2 Wash Light (21*) Order no: 83062011 - SGM USB uploader cable Order no: 83061134 - P-2, Lens kit (43*)
Conforms to Included Items	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive Included Items Fixtures Cables	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 pcs Omega bracket User manual Neopren pouch Order no: 80030526 - P-2 Wash Light (21") Order no: 83062111 - SGM USB uploader cable Order no: 83061133 - P-2, Lens kit (43") Order no: 83061133 - P-2, Lens kit (21")
Conforms to Included Items	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive Included Items Fixtures Cables Lens/s	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 ps: Omega bracket User manual Neopren pouch Order no: 80030526 - P-2 Wash Light (21*) Order no: 83061134 - P-2, Lens kit (43*) Order no: 83061133 - P-2, Lens kit (15*) Order no: 83061133 - P-2, Lens kit (15*)
Conforms to Included Items	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive Included Items Fixtures Cables Lens/S Brackets	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 ps: Omega bracket User manual Neopren pouch Order no: 80030526 - P-2 Wash Light (21") Order no: 83062113 - F-2, Lens kit (43") Order no: 83061133 - P-2, Lens kit (15") Order no: 830606123 - P-2, Lens kit (15") Order no: 8306062 - Omega bracket
Conforms to Included Items	2006/95/EC: Low Voltage Directive 2004/108/EC: EMC Directive RoHS2 Directive Included Items Fixtures Cables Lens/s Brackets Holders	Power cable 1m with bare ends EN 60598-1, EN 60598-2-17, EN 62471 EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3 2011/65/EU Floor Stand (incl. screws) 1 pcs Omega bracket User manual Neopren pouch Order no: 80030526 - P-2 Wash Light (21") Order no: 83062011 - SGM USB uploader cable Order no: 83061134 - P-2, Lens kit (43") Order no: 83061133 - P-2, Lens kit (21") Order no: 83061132 - P-2, Compa bracket Order no: 83061127 - Accessory Holder P-2 series

IP65 RoHS CE

- * Figure provided by manufacturer and obtained under manufacturer's test conditions ** Goniometer scan / ocean optics / Viso Light Studio



Photometrics

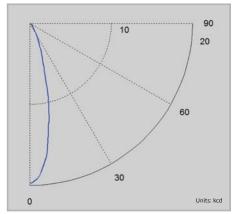
All LEDs on Lux Diagram in m/lux

Distance, (m)	Illuminance, (lux) All on	Beam width, (m) 50% max	
1	19664	0,5	
2	4916	1,0	
3	2185	1	
5	787	2	
10	197	5	
15	87	7	
20	49	10	
25	31	12	
30	22	14	
35	16	17	
40	12	19	
45	10	22	
50	8	24	

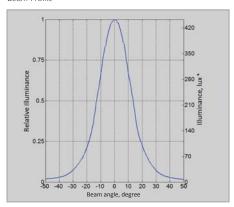
21° All LEDs on Lux Diagram in ft/fc

Distance, (ft)	Illuminance, (lux) All on	Beam width, (ft) 50% max	
3,5	1605	1,7	
5	787	2,4	
10	197	5	
15	87	7	
20	49	10	
25	31	12	
30	22	14	
35	16	17	
40	12	19	
45	10	22	
50	8	24	
55	7	26	
60	5	29	

21° All LEDs on Polar Candela Distribution



21° All LEDs on Beam Profile



* Illuminance is measured at a distance of 6.7m. For additional information refer to Lux diagram.

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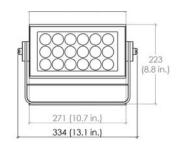
The P·2

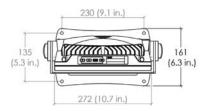
43° Beam Angle

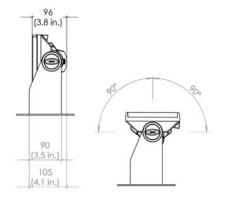
Compact LED wash light with maximum output

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- The fixture features 18 lenses which are divided into 3 individually controllable segments with RGBW colors.
- Due to the high level of variation possibilities, implementing the P-2 in your light design generates wide-ranging colour and effect combinations.
- Containing 18 high power 10W RGBW LEDs, P-2 has a staggering light output of 10,100 lumen – 1,656 lumen per kilo - and an efficacy of 51 lm/W.
- With an unprecedented small physical footprint for this type of product, the extremely compact unit ensures easy and quick setup.
- The P-2 offers a variation of beam angles with 15°, 21° and 43° interchangeable lenses.







For additional detailed product information, go to http://sgmlight.com/products/p-2/c-23/p-224



Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Optics	Light source	18 x High power 10W RGBW LEDs
	LEDs expected lifetime	50,000 hours*
	Interchangable lens option	15°, 21° & 43°
District and a		40.4001 (4001)**
Photometric	Light output Optical efficacy	10,100 lumen (43° lens)** 51 lm/W
	Орисагепісасу	51 III/W
Features	Pan/Tilt	0° / 180°
	LED Panel	3 individual controllable segments
Electrical	AC Power nominal	100 - 277V 50/60Hz
	AC Power max rating	90 - 305V 50/60Hz
	Maximum power consumption	275 W (all LEDs on)
	Typical power consumption	200 W (all LEDs on)
	Power factor	0.98 PF (230 V)
Programming and Control	Protocol	USITT DMX512 A
0	Setting and addressing	RDM
		Stand alone mode
		Oled graphical display / 4 buttons
		Software upgradable via Uploader cable (P/N:83062011)
	DMX channels	3, 6, 9, 12, 15 or 22
Physical	Dimensions (L x H x W)	334 x 223 x 105 mm (13,2 x 8,8 x 4.1 in)
,	Weight	6.1 kg (13.4 lbs.)
	Material	Aluminium
	Lens	PE and tempered glas front
	IP class	IP65
Installation	Orientation	Anv
	Rigging possibilities	Floor stand (included) or hanging (Omega Clamp included)
	Safety features	Bottom mount for Safety wire
Thermal	Temperature range, Operating	-10° to +40°C (-14° to +104°F)
mermar	Humidity (max.)	98%
	Cooling	Active, forced air, temperature-regulated, low noise
		,
Connections	DMX data in/out	IP65 Neutrik HD locking XLR 5-pin cable 0.5m, for DMX in and out
		Power cable 1m with bare ends
Conforms to	2006/95/EC: Low Voltage Directive	EN 60598-1, EN 60598-2-17, EN 62471
	2004/108/EC: EMC Directive	EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3
	RoHS2 Directive	2011/65/EU
Included Items	Included Items	Floor Stand (incl. screws)
medded reems		1 pcs Omega bracket
		User manual
		Neopren pouch
Fixtures and Accessories	Fixtures	Order no: 80030528 - P-2 Wash Light (43°)
	Cables	Order no: 83062011 - SGM USB uploader cable
	Lens/s	Order no: 83061134 - P-2, Lens kit (43°)
		Order no: 83061133 - P-2, Lens kit (21°)
		Order no: 83061132 - P-2, Lens kit (15°)
	Bracket	Order no: 83060602 - Omega bracket
	Holders	Order no: 83061127 - Accessory Holder P-2 series
	Barndoors	Order no: 83061129 - Barndoor 4-way, P-2/Q-2 series
		Order no: 83061130 - Barndoor 8-way, P-2/Q-2 series
	Frames	Order no: 83061131 - Color frame. P-2/Q-2 series

IP65 RoHS CE

- * Figure provided by manufacturer and obtained under manufacturer's test conditions ** Goniometer scan / ocean optics / Viso Light Studio



Photometrics

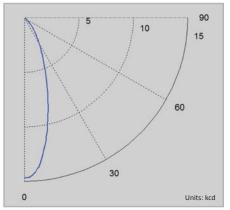
43° All LEDs on Lux Diagram in m/lux

Distance, (m)	Illuminance, (lux) All on	Beam width, (m) 50% max	
1	14681	0,6	
2	3670	1,2	
3	1631	2	
5	587	3	
10	147	6	
15	65	9	
20	37	12	
25	23	15	
30	16	19	
35	12	22	
40	9	25	
45	7	28	
50	6	31	

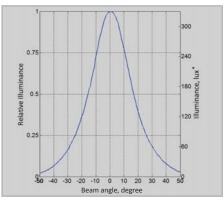
43° All LEDs on Lux Diagram in ft/fc

Distance, (ft)	Illuminance, (lux) All on	Beam width, (ft) 50% max	
3,5	1198	2,2	
5	587	3,1	
10	147	6	
15	65	9	
20	37	12	
25	23	15	
30	16	19	
35	12	22	
40	9	25	
45	7	28	
50	6	31	
55	5	34	
60	4	37	

43° All LEDs on Polar Candela Distribution



43° All LEDs on Beam Profile



* Illuminance is measured at a distance of 6.7m. For additional information refer to Lux diagram.