

# Lites s.r.l.

for more information  
contact us

[info@litesrl.com](mailto:info@litesrl.com)

[www.litesrl.com](http://www.litesrl.com)

[www.professionallighting.eu](http://www.professionallighting.eu)



## Lites F200 C6

Colour RGBACL



## SIMPLY LED TO INNOVATION

**Lites F200 C6 Colour RGBACL** is a professional Fresnel luminaire that integrates a LED COB a six colour to yield a countless colour palette.

The use of the **Red ,Green, Blue ,Amber, Cyan, and Lime**, permit colour gradations wanted in the architectural sectors.

Lites F200 C6 is a ground-breaking luminaire in traditional colour changers' domains because it replaces traditional tungsten bulbs and does away with gels and secures unwanted shades, providing seamless and colour-grade distribution stances across the illuminated areas.

Lites F 200 C6 has 10 preset whites from 2300 ° K to 10,000 ° K with minimum CRI from 93 to 98 depending on the white selected. The Lites F200 C6 is a low consumption luminaire as it draws no more than 200W.

The sturdy aluminium die-cast body makes the Lites F200 C6 aesthetically an eye-catching product and ensures optimal heat dissipation; the on-board helicoid-screw allows for ample 20°-60° beam adjustments.

Lites F200 C6 is a flicker-free operation unit and accounts for the on-board display for a 16-bit dimming as well as fans' operation controls to a complete idle state of the fans if necessary.

Lites F200 C6 installations can be juxtaposed with the use of favoured IN/OUT 5-pin XLR and powercon connectors and the ready RD and or DMX Protocols do away with bulky dimmers and other accessories.

Pole operated yoke, to facilitate the complex remote orientation, as well as linear Zoom facilities are available on request when ordering.

Product of Italy. (Designed and manufactured by Lites srl).



## Lites F200 C6 Colour RGBACL



### Technical specifications

Power Supply: 100 – 240V ~ 50/60Hz auto-setting (single-phase)

Maximum power consumption 200W

Minimum room temperature: -10°C

Stand-by power consumption 5W

Maximum room temperature: 35°C

Led life 30.000 Hrs (see manufacturer's specifications)

Maximum body temperature: 60°C

Available LED colour RGBACL (Red 1400 lm, green 1500 lm, blue 600 lm, amber 2300 lm, cyan 1400 lm, lime 3600 lm)

Led emission: 10800 lm total (see manufacturer's specifications)

CCT 2300°K to 10.000°K

CRI from 93 to 98 depending on the selected white

Emulation of 3200 °K halogen lamp during the dimming phase

Beam angle: 20° - 60° via helical screw

Protection rating: IP20

7 operating modes, 16 bit dimming, rgb, HSI

Die-aluminium body to maximize heat dissipation

Working position: +90°/-90° on vertical axe

Rear handle for good grip of unit: side-lock on mounting yoke to adjust and set unit to position

Fresnel lens ø150 mm

Colour-frame gate dimensions: 185x195 mm

Data Protocols: DMX 512, and-or RDM ready

User's interface: 4-digit display and 4 keys

Power connectors: IN – OUT neutrik power-con connectors

Data connectors: IN – OUT neutrik XRL 5

Control of led frequency: selection of led frequency refresh

Fan control: fan speed adjustments

Dimming curves control: selection of four dimming curves control

Manual operations: via keys provided on the display

Unit net weight: 6,9 kg

Gross weight 7,5 kg

Cubical volume: 0,0512 m<sup>3</sup>

Accessory: 4-leaf barndoor

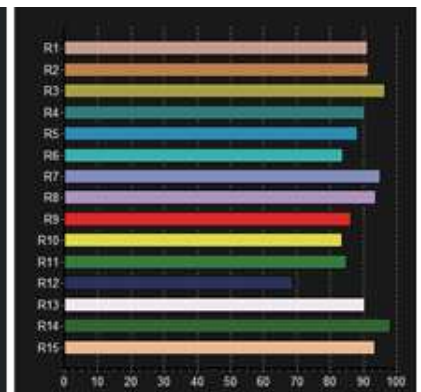
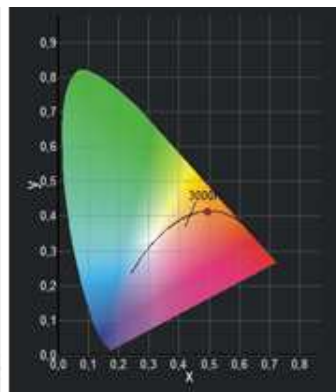
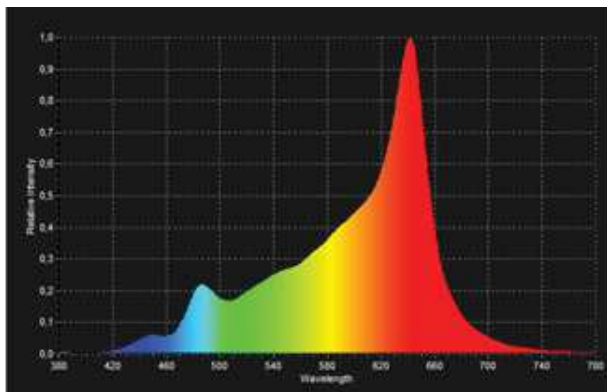
Conforme:



### Photometric data LED RGBACL white 2300°K cri 93

Statistics rates measured with the use of 2300°K CRI 93 LED lantern in use for 30 minutes at 25°C room temperature

Distance m		4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	1844	819	461	295	205	151
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	397	176	99	64	44	32
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1





## Lites F200 C6

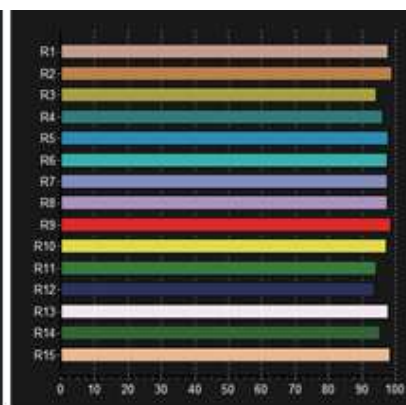
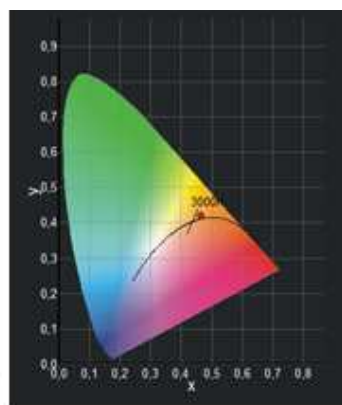
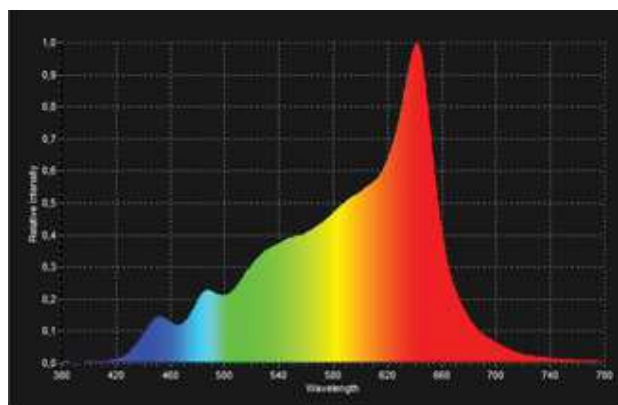
Colour RGBACL



### Photometric data LED RGBACL white 2700°K cri 97

Statistics rates measured with the use of 2700°K CRI 97 LED lantern in use for 30 minutes at 25°C room temperature

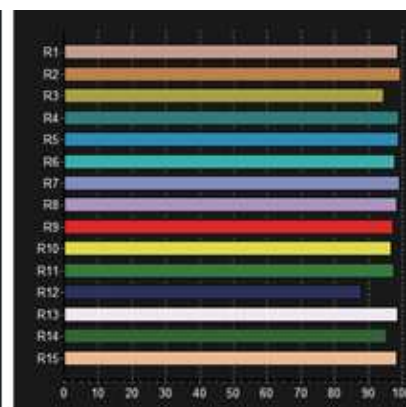
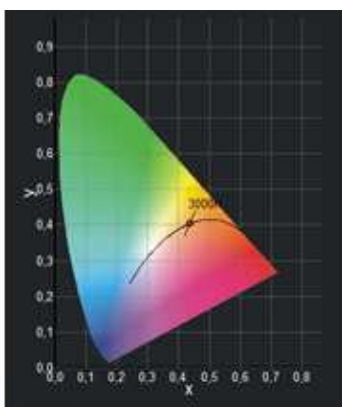
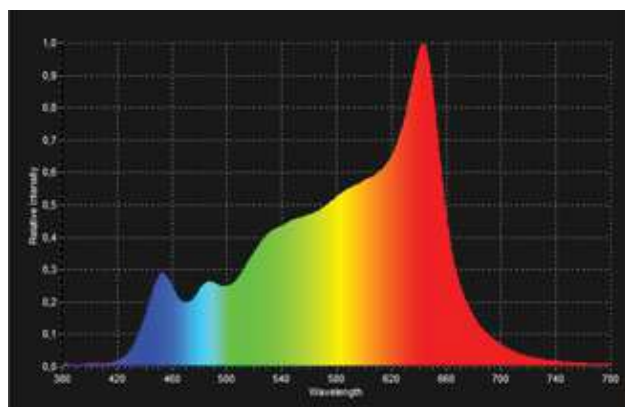
Distance m		4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	1508	670	377	241	168	123
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	323	144	81	52	36	26
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1



### Photometric data LED RGBACL white 3200°K cri 98

Statistics rates measured with the use of 3200°K CRI 98 LED lantern in use for 30 minutes at 25°C room temperature

Distance m		4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	2641	1174	660	423	293	216
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	555	247	139	89	62	45
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1





## Lites F200 C6

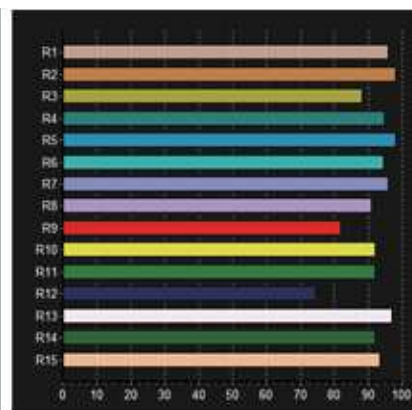
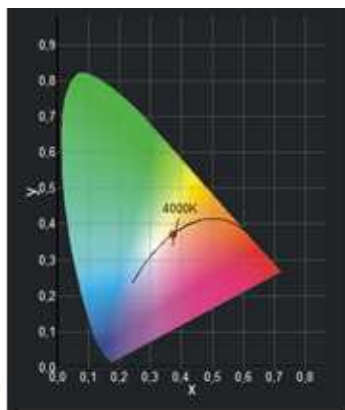
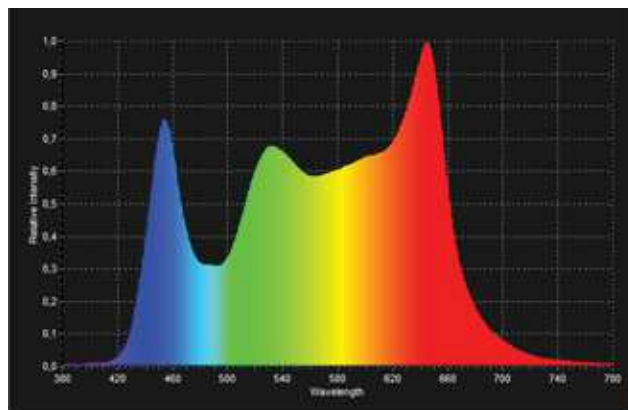
Colour RGBACL



### Photometric data LED RGBACL white 4000°K cri 95

Statistics rates measured with the use of 4000°K CRI 95 LED lantern in use for 30 minutes at 25°C room temperature

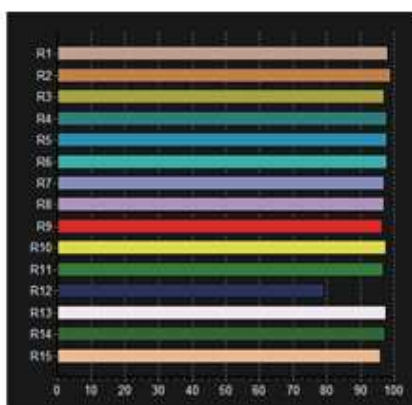
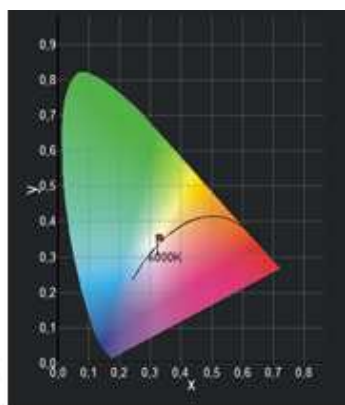
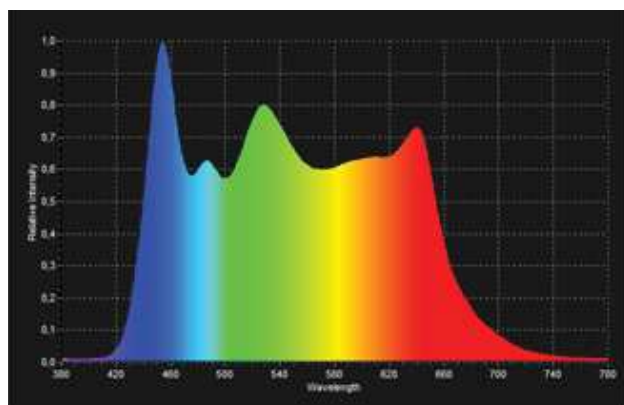
Distance m		4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	2609	1160	652	418	290	213
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	553	246	138	89	61	45
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1



### Photometric data LED RGBACL white 5600°K cri 98

Statistics rates measured with the use of 5600°K CRI 98 LED lantern in use for 30 minutes at 25°C room temperature

Distance m		4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	2734	1215	684	438	304	223
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	584	260	146	94	65	48
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1







## Lites F200 C6

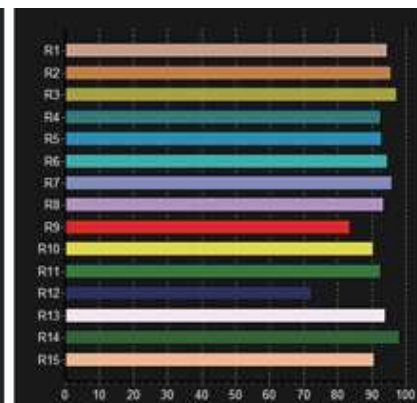
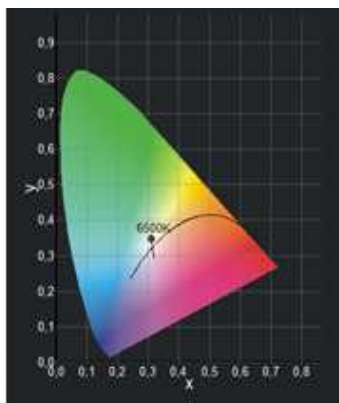
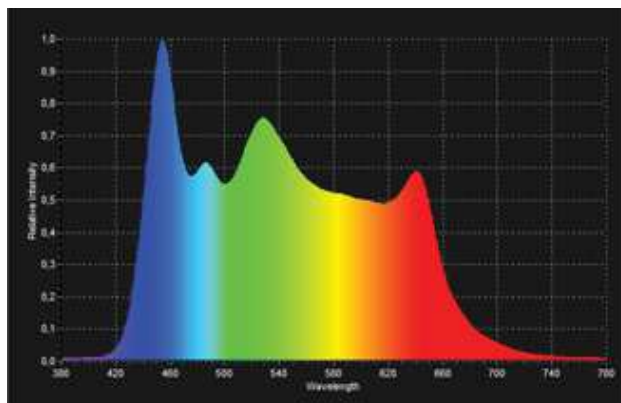
Colour RGBACL



### Photometric data LED RGBACL white 6500°K cri 95

Statistics rates measured with the use of 3200°K CRI 98 LED lantern in use for 30 minutes at 25°C room temperature

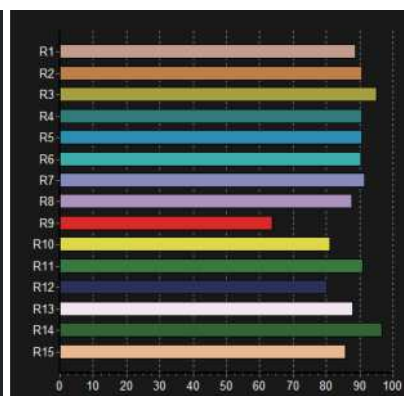
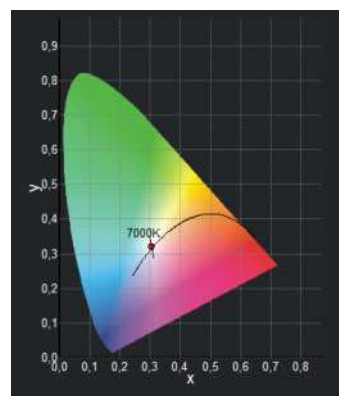
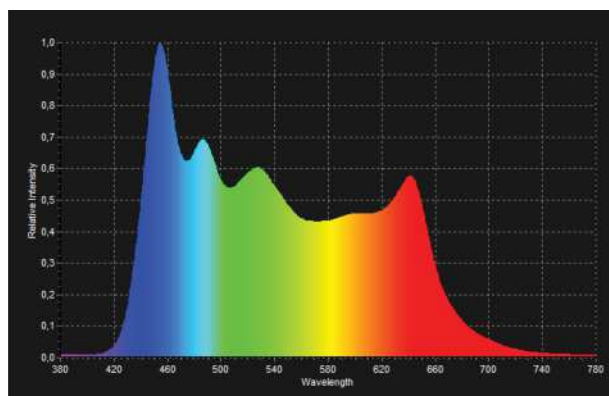
	Distance m	4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	2556	1136	639	409	284	209
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	547	243	137	88	61	45
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1



### Photometric data LED RGBACL white 7000°K cri 93

Statistics rates measured with the use of 7000°K CRI 98 LED lantern in use for 30 minutes at 25°C room temperature

	Distance m	4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	2484	1104	621	398	276	203
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	533	237	133	85	59	43
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1





## Lites F200 C6

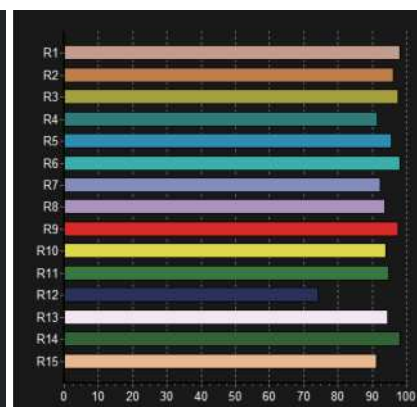
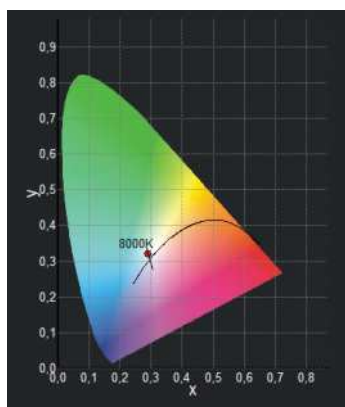
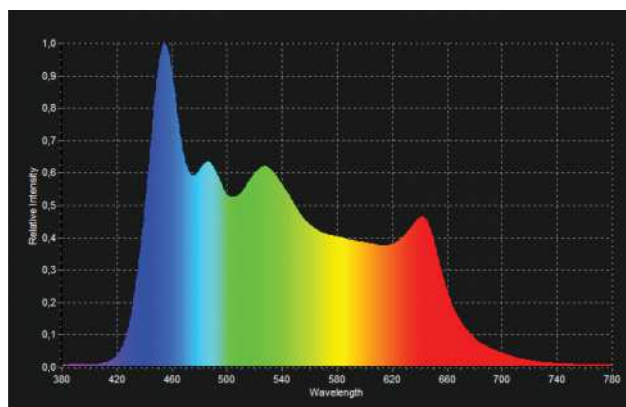
Colour RGBACL



### Photometric data LED RGBACL white 8000°K cri 96

Statistics rates measured with the use of 8000°K CRI 96 LED lantern in use for 30 minutes at 25°C room temperature

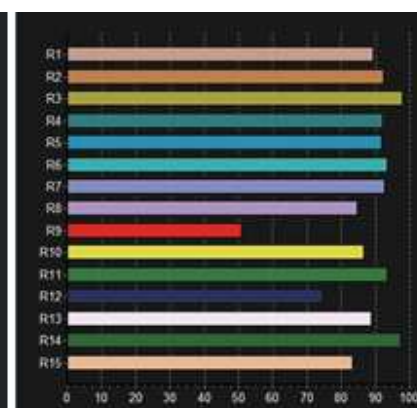
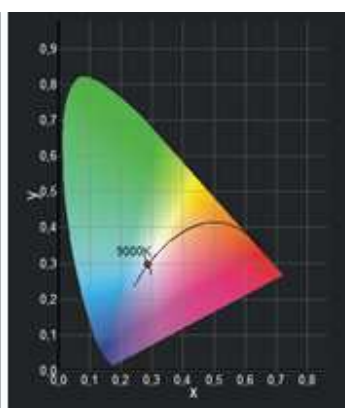
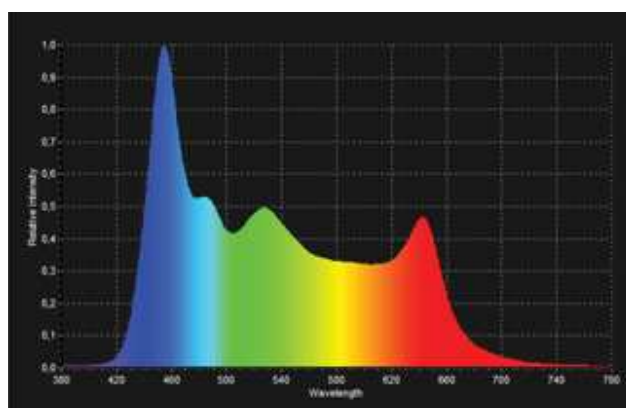
Distance m		4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	2609	1160	652	418	290	213
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	561	249	140	90	62	46
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1



### Photometric data LED RGBACL white 9000°K cri 93

Statistics rates measured with the use of 9000°K CRI 93 LED lantern in use for 30 minutes at 25°C room temperature

Distance m		4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	2406	1069	602	385	267	196
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	516	229	129	83	57	42
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1





## Lites F200 C6

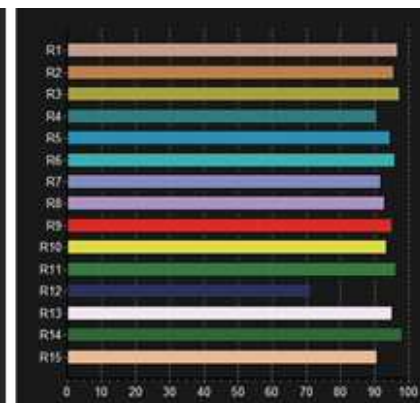
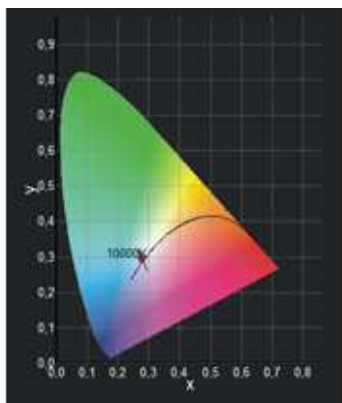
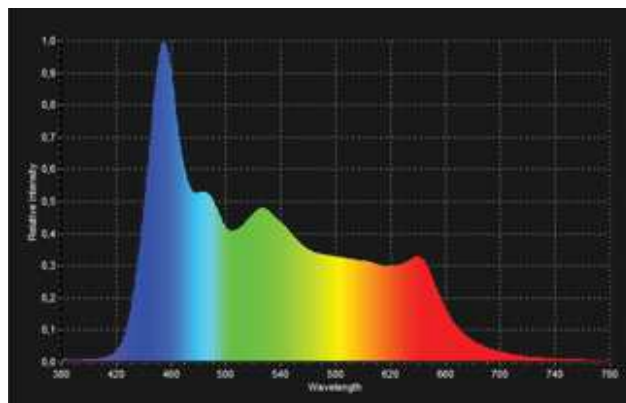
Colour RGBACL



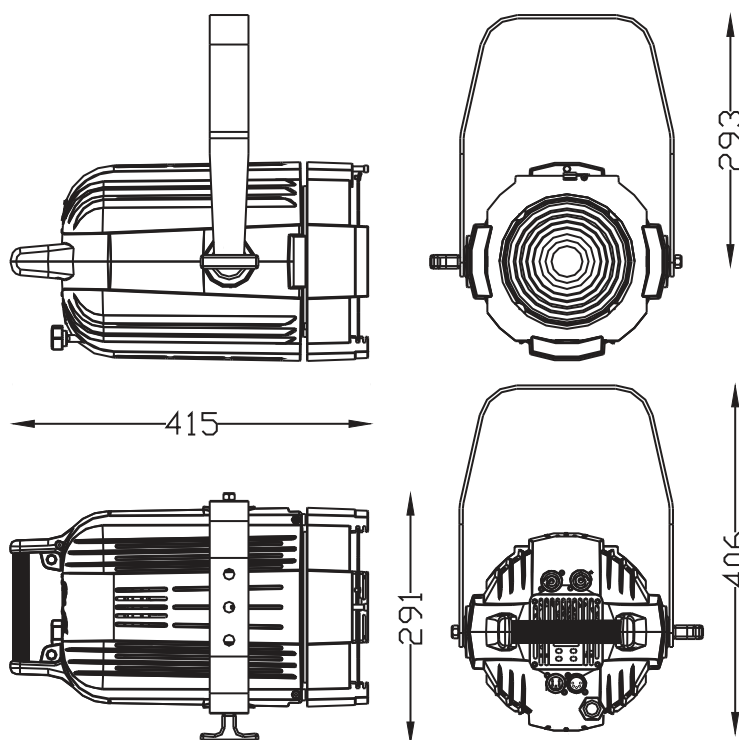
### Photometric data LED RGBACL white 10.000°K cri 95

Statistics rates measured with the use of 10.000°K CRI 95 LED lantern in use for 30 minutes at 25°C room temperature

	Distance m	4 m	6 m	8 m	10 m	12 m	14 m
Angle 20°	Lux	2531	1125	633	405	281	207
	Diameter ø m	1,59	2,38	3,18	3,97	4,77	5,56
Angle 60°	Lux	542	241	136	87	60	44
	Diameter ø m	4,61	6,9	9,2	11,5	13,8	16,1



Dimensions:



Data provided are informative only and not binding. Values data and other information may be changed without notice.





UEFA headquarters in Geneva - Lites F200 T



**SIMPLY LED**  
TO INNOVATION





**Lites F200 C6**  
Colour **RGBACL**

**Lites** s.r.l.

for more information  
contact us

[info@litesrl.com](mailto:info@litesrl.com)

[www.litesrl.com](http://www.litesrl.com)  
[www.professionallighting.eu](http://www.professionallighting.eu)