

Technical Brochure

A close-up, angled view of a ParLite LED light fixture. The fixture is dark, possibly black or dark blue, and features a grid of numerous oval-shaped LEDs. These LEDs are illuminated with a variety of colors, including red, green, blue, and white, creating a vibrant, multi-colored effect. The lighting is bright, and the colors appear to be slightly blurred or diffused, giving it a soft, glowing appearance. The background is dark and out of focus, emphasizing the light fixture.

ParLite Led RGBW

Lite Led Series



ParLite Led RGBW

KEY FEATURES

- Dynamic color mixing: always the maximum light intensity at any color
- Guaranteed Flicker-free (DMX controlled PWM frequency)
- No fan, no maintenance, no noise
- Design for high-end installations indoor and outdoor (IP20 or IP65)
- Thick aluminium enclosure to guaranteed body resistance in the long term
- Variable beam angles thanks to quickly interchangeable optics (12°, 30°, 13°x 40°, 50°, 110°)



ParLite Led RGBW - F007L000C

ParLite Led RGBW

SPECIFICATIONS

RGBW color mixing (2 mode selectable)

Dynamic color mixing: variable power in the 4 output channels (RGBW)

Standard lens 30°

Electronic dimmer (2 different curves selectable)

Electronic strobe, synchronized, random, pulse effect

Flicker-free with LEDs frequency controlled via DMX from 600 Hz to 19000 Hz

Double yoke for easy ground standing or truss hanging

Weatherproof rating IP20 (ParLite LED IP20), IP65 (ParLite LED IP65)

PHYSICAL SIZE

Length: 211 mm (8.3 in)

Width: 182 mm (7.1 in)

Height: 267 mm (10.5 in)

Weight: 3.35 Kg (7.4 in)

LIGHT SOURCE

36 LEDs Cree, 9 Red, 9 Green, 9 Blue, 9 White

CONTROL PROTOCOL AND PROGRAMMING

USITT DMX512

DMX channels: 4/8

Setting, addressing, testing and measurements via LEDs display

4 internal automatic programs

Master / Slave mode

Remote Device Management (RDM)

ELECTRICAL SPECIFICATIONS/CONNECTIONS

AC power: 100-250 V, auto sensing, 50/60 Hz, 2 m (6.6 ft) integral cable without power plug

Power consumption: 0.4 A at 230 V, 0.8 A at 115 V - $\cos\phi$ 0.54

DMX data in/out: 5 pin locking XLR

AVAILABLE VERSION

ParLite Led RGBA

ACCESSORIES

12° lens kit (# 9167/1)

50° lens kit (# 9167/3)

40°x 13° elliptical lens kit (# 9167/2)

110° flood reflector (# 9168)

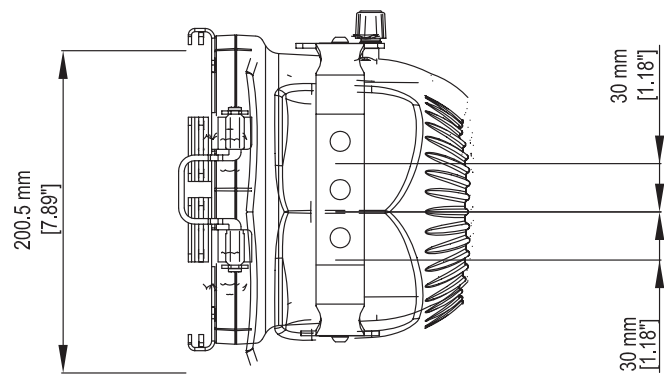
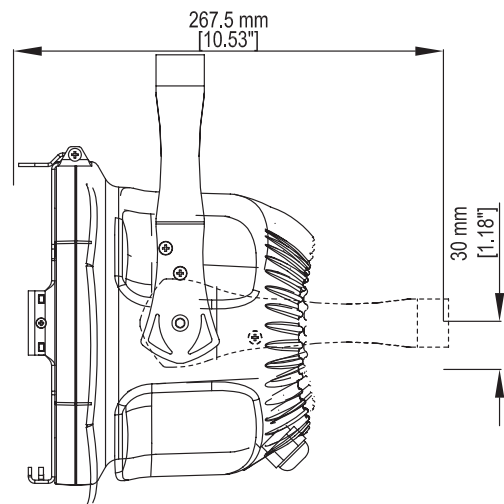
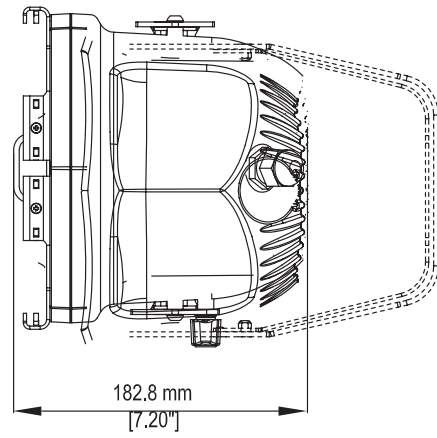
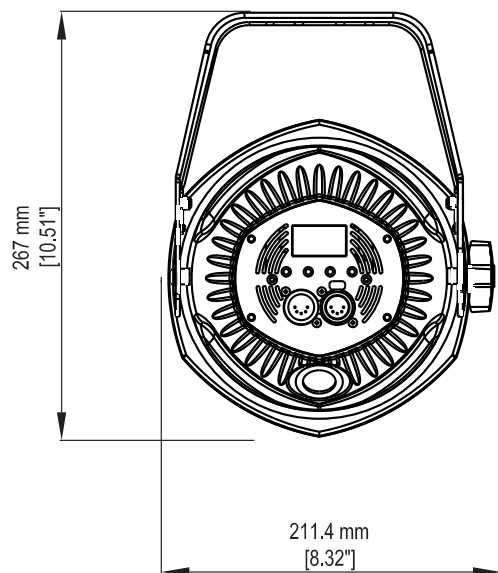
Support color frame holder
(black: #10007A001, silver: # 10007A002)

Frame for internal frost filter (# 9169)

Frame for external frost filter (# 9169/1)

4 leaf barndoor (# 9164)

IP65 rear panel (black: # 08E, silver: silver #08/1E)



DMX Chart 8 Channels

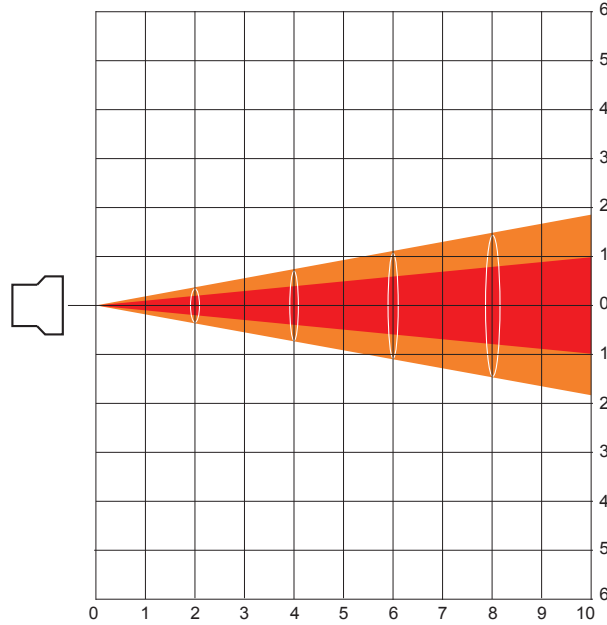
channel	effect
1	master dimmer
2	red
2 (A)	speed
Note 1: channel 2 changes function and becomes 2 (A) when channel 7 is active	
3	green
3 (A)	pause
Note 2: channel 3 changes function and becomes 3 (A) when channel 7 is active	
4	blue
5	white
6	strobe
7	automated function
8	special function

DMX Chart 4 Channels

channel	effect
1	red
2	green
3	blue
4	white

12° Lenses

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Red	14958	3740	1662	935	598	416	305	234	185	150
Green	29961	7490	3329	1873	1198	832	611	468	370	300
Blue	8620	2205	980	551	353	245	180	138	109	88
White	27243	6811	3027	1703	1090	757	556	426	336	272
R+G+B+W	35928	8982	3992	2246	1437	998	733	561	444	359
1/2 peak angle ø (m.)	0.19	0.39	0.58	0.77	0.96	1.16	1.35	1.54	1.73	1.93
1/10 peak angle ø (m.)	0.37	0.74	1.11	1.48	1.85	2.22	2.59	2.97	3.34	3.71

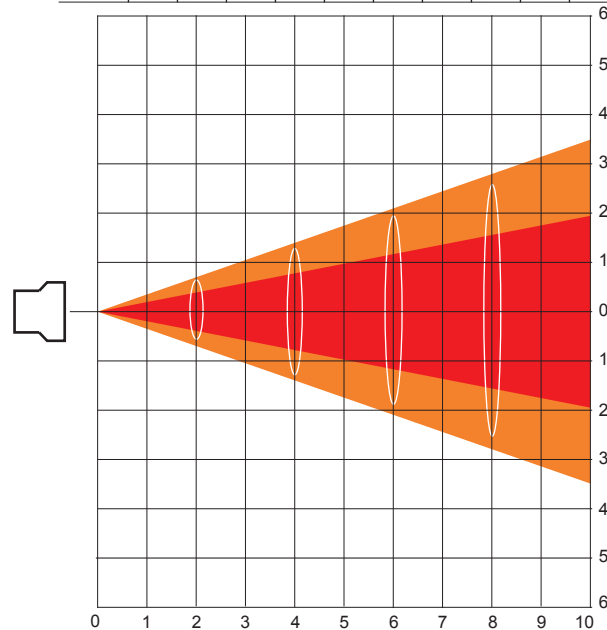


1/2 peak angle: 11°

1/10 peak angle: 21°

30° Lenses

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Red	5580	1395	620	349	223	155	114	87	69	56
Green	8289	2072	921	518	332	230	169	130	102	83
Blue	2790	698	310	174	112	78	57	44	34	28
White	11340	2835	1260	709	454	315	231	177	140	113
R+G+B+W	12069	3017	1341	754	483	335	246	189	149	121
1/2 peak angle ø (m.)	0.39	0.78	1.17	1.56	1.94	2.33	2.72	3.11	3.50	3.89
1/10 peak angle ø (m.)	0.69	1.38	2.07	2.75	3.44	4.13	4.82	5.51	6.20	6.89

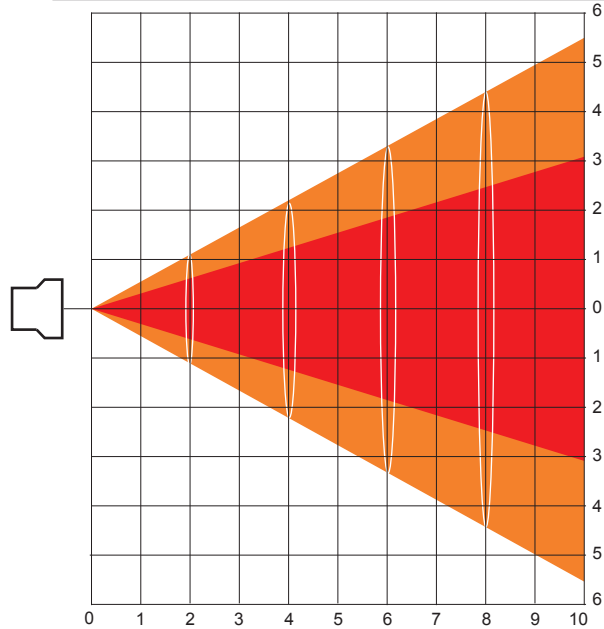


1/2 peak angle: 22°

1/10 peak angle: 38°

50° Lenses

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Red	1890	473	210	118	76	53	39	30	23	19
Green	2511	628	279	157	100	70	51	39	31	25
Blue	765	191	85	48	31	21	16	12	9	8
White	3681	920	409	230	147	102	75	58	45	37
R+G+B+W	3825	956	425	239	153	106	78	60	47	38
1/2 peak angle (m)	0.63	1.26	1.89	2.52	3.15	3.78	4.41	5.04	5.68	6.31
1/10 peak angle (m)	1.09	2.17	3.26	4.34	5.43	6.52	7.60	8.69	9.77	10.86

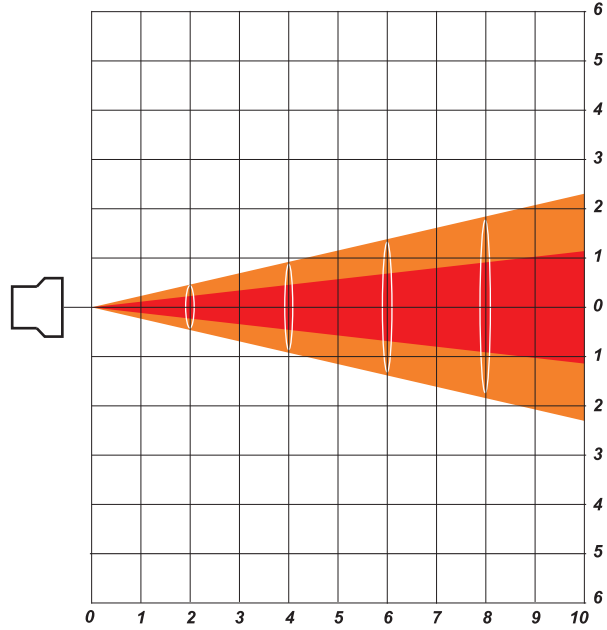


1/2 peak angle: 35°

1/10 peak angle: 57°

40° X 13° Lenses - Vertical beam

Distance (m)	1	2	3	4	5	6	7	8	9	10
Red	3429	857	381	214	137	95	70	54	42	34
Green	5625	1406	625	352	225	156	115	88	69	56
Blue	1737	434	193	109	69	48	35	27	21	17
White	6012	1503	668	376	240	167	123	94	74	60
R+G+B+W	7569	1892	841	473	303	210	154	118	93	76
1/2 peak angle α (m)	0.23	0.46	0.68	0.91	1.14	1.37	1.60	1.82	2.05	2.28
1/10 peak angle α (m)	0.46	0.92	1.39	1.85	2.31	2.77	3.23	3.69	4.16	4.62

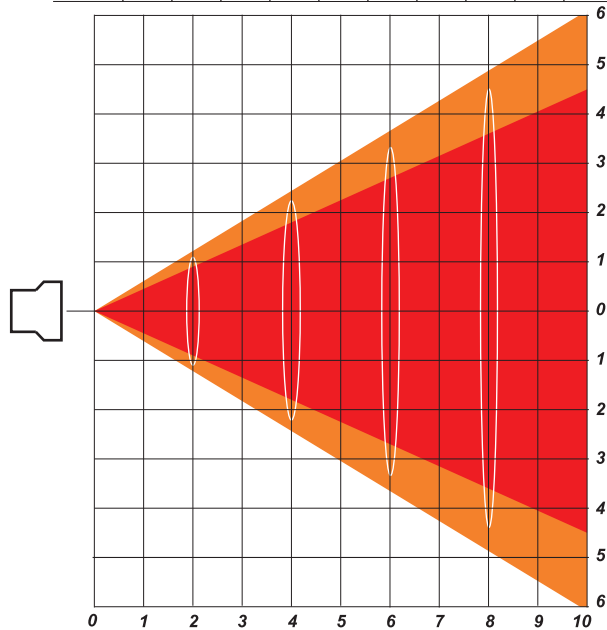


1/2 peak angle: 13°

1/10 peak angle: 26°

40° X 13° Lenses - Horizontal beam

Distance (m)	1	2	3	4	5	6	7	8	9	10
Red	3429	857	381	214	137	95	70	54	42	34
Green	5625	1406	625	352	225	156	115	88	69	56
Blue	1737	434	193	109	69	48	35	27	21	17
White	6012	1503	668	376	240	167	123	94	74	60
R+G+B+W	7569	1892	841	473	303	210	154	118	93	76
1/2 peak angle α (m)	0.90	1.81	2.71	3.61	4.52	5.42	6.31	7.22	8.12	9.03
1/10 peak angle α (m)	1.27	2.55	3.82	5.10	6.37	7.63	8.91	10.18	11.46	12.73



1/2 peak angle: 49°

1/10 peak angle: 65°

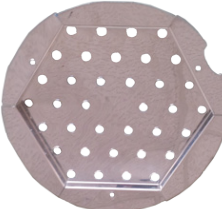
ParLite Led RGBW - Available Versions

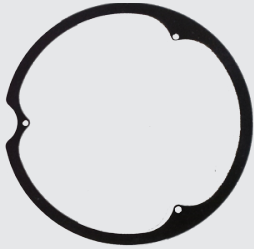
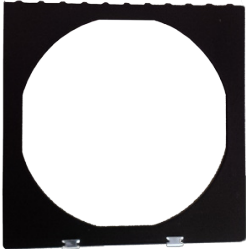


Code	Description
F007L100C	ParLite Led RGBW, silver 30° lens, 5 pin locking XLR
F007L101C	ParLite Led RGBW IP65, silver 30° lens, 5 pin locking XLR



Code	Description
F007L000C	ParLite Led RGBW, black 30° lens, 5 pin locking XLR
F007L001C	ParLite Led RGBW IP65, black 30° lens, 5 pin locking XLR

Picture	Code	Description
	BC10007A001 BC10007A002	Support color frame holder black Support color frame holder silver
	PCO9164	4 Leaf Barndoor
	PCO9169/1 PCO9167 PCO9167/3 PCO9167/2	12° lens kit 30° lens kit 50° lens kit 40° x 13° lens kit
	PCO9168	110° flood reflector

Picture	Code	Description
	PCO9169	Frame for internal frost filter
	PCO9169/1	Frame for external frost filter
	GPAN22 GPAN25	Rear panel black rear panel silver
	BC10007A007	Egg Crate Louvers



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