

Lumos[®]

The Natural LED Lighting



NEW

LED Fresnel light

Hawk 150 (150W)

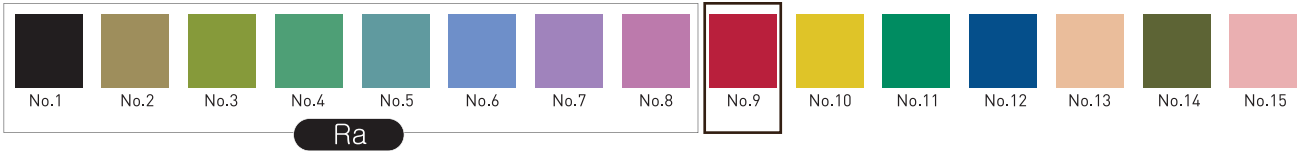
Hawk 50 (50W)

www.Lumos.co.kr

www.postium.com

Highest CRI - 98 Ra at 3200K, 96 Ra at 5600K

Ra is the average value from No. 1 to No. 8 color rating, but does not include No. 9 -15 R9, as red color rating, is one of the most important for light illumination

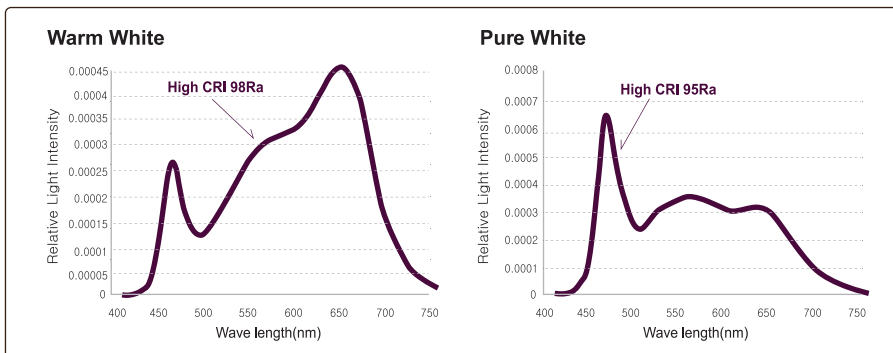


Comparison data with Halogen Lamp

Lumos provides the highest CRI lighting for the professionals, from R1 – R15

No	Light Greyish Red	Dark Greyish Yellow	Strong Yellow Green	Moderate Yellowish Green	Light Bluish Green	Light Blue	Light Violet	Light Reddish Purple	Strong Red	Strong Yellow	Strong Green	Strong Blue	Light Yellowish Pink	Moderate Olive Green	Asian skin
	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15
Halogen	98.4	99.1	99.9	98.6	98.5	98.9	99.4	98.1	95.8	98.3	98.6	98.0	98.6	99.9	99.9
Lumos 3200K	98.5	99.2	95.8	97.4	99.1	97.6	98.2	99.1	98.2	97.9	95.9	84.0	98.6	96.6	98.4

Better spectral distribution and No green cast



Advanced heat managing technology

DMLite has been invested a lot of time and energy in R&D to produce the best LED lighting possible since the company was established. Lumos LED series don't make any noise by fan. Unlike others, DMLite has applied for PTC (Patent Cooperation Treaty) for core technology like LED heating management

Hardware reliability

LUMOS LED lights are designed with digital dimming technology and they are flicker-free. Illuminance and color temperature deviation are minimal when dimming, resulting in superior performance compared to analog dimming technology. LUMOS LED lights have standard DMX 512 for broadcasting capability and safe circuit design for studios, where long shooting times are required, and for portable (field) use.

Strict quality control

Lumos constantly strives to perfect production through quality and environment testing



Lumos *Hawk* 150



150W LED Fresnel light

- No Fan / No Noise
- CRI 96 Ra at 3200K | 95 Ra at 5600K
- 1000W output
- Flicker free
- 12~24V DC / 100 ~ 240V AC
- 15°~50° Beam angle
- Stable dimming (0~100%)
- Standard DMX 512

Lumos Hawk 150 specification

Division	3200K
Size	W 10.43 X H 11.73 X L 13.50 inch W 265 X H 298 X L 343 mm
Weight	Body: 9 lb (4.1kg) W/Yoke: 15.2 lb (6.9kg)
E. characteristics	AC 100~240V / 50~60Hz / DC 12~24V
Dimming	0~100% (Manual / DMX 512) / Flicker Free
Lens	7.48 inch (190mm) PC Fresnel Lens
Beam angle	15°~ 50° Variable Spot to Flood
Beam angle control	By controlling knob located at back of light body
Cooling system	Natural convection (No Fan)
Battery	V-mount battery or Gold-mount battery
Photometric	3200k at 3.28ft(1m) Flood 5,500 lux / Spot 25,000 lux

Division	5600K
Size	W 10.43 X H 11.73 X L 13.50 inch W 265 X H 298 X L 343 mm
Weight	Body: 9 lb (4.1kg) W/Yoke: 15.2 lb (6.9kg)
E. characteristics	AC 100~240V / 50~60Hz / DC 12~24V
Dimming	0~100% (Manual / DMX 512) / Flicker Free
Lens	7.48 inch (190mm) PC Fresnel Lens
Beam angle	15°~ 50° Variable Spot to Flood
Beam angle control	By controlling knob located at back of light body
Cooling system	Natural convection (No Fan)
Battery	V-mount battery or Gold-mount battery
Photometric	5600k at 3.28ft(1m) Flood 6,900 lux / Spot 34,000 lux

Lumos *Hawk* 50



50W LED Fresnel light

- No Fan / No Noise
- CRI 96 Ra at 3200K | 95 Ra at 5600K
- Flicker free
- 12~24V DC / 100 ~ 240V AC
- 15°~50° Beam angle
- Stable dimming (0~100%)

7.7 lb (3.5kg) including yoke & SMPS

Lumos Hawk 50 specification

Division	3200K
Size	W 6.5 X H 8 X L 11 inch W 165 X H 205 X L 280 mm
Weight	Body: 5.5 lb (2.5kg) W/Yoke: 7.7 lb (3.5kg)
E. characteristics	AC 100~240V / 50~60 Hz / DC 12~24V
Dimming	0~100% (Manual / DMX 512) / Flicker
Beam angle	15°~ 50° Variable Spot to Flood
Cooling system	Natural convection (No Fan)
Battery	V-mount battery or Gold-mount battery

Division	5600K
Size	W 6.5 X H 8 X L 11 inch W 165 X H 205 X L 280 mm
Weight	Body: 5.5 lb (2.5kg) W/Yoke: 7.7 lb (3.5kg)
E. characteristics	AC 100~240V / 50~60 Hz / DC 12~24V
Dimming	0~100% (Manual / DMX 512) / Flicker
Beam angle	15°~ 50° Variable Spot to Flood
Cooling system	Natural convection (No Fan)
Battery	V-mount battery or Gold-mount battery

Lumos 300 (MK, 3200K / 5600K)

Multi-purpose basic LED light



- High quality design and construction
- High CRI 98 Ra at 3200K
- Equivalent of 400W tungsten
- Adjustable Color Temperature
- Stable dimming (0% ~ 100%)
- DMX control
- 12 ~ 24V DC
- Flicker Free
- Supports Anton Bauer(Gold-mount) or V-mount battery
- For indoor and outdoor use



Photometric information of Lumos 300

CCT	LED option	4 ft	8 ft	12 ft	1 m	2 m	3 m
3200K	w/o Lens (85°)	67 Fc	17 Fc	7 Fc	1100 lux	260 lux	110 lux
	w/ Lens (55°)	107 Fc	27 Fc	12 Fc	1700 lux	420 lux	190 lux
5600K	w/o Lens (85°)	80 Fc	20 Fc	9 Fc	1200 lux	320 lux	140 lux
	w/ Lens (55°)	127 Fc	32 Fc	14 Fc	2000 lux	510 lux	220 lux

Lumos 300MK Specification

Division	3200K	5600K
Size/Weight	300 X 300 X 73mm/ 1.8kg (11.8 x 11.8 x 2.9 in/ 4 lb)	
Photometric	1100 lux @1m	1200 lux @1m
CRI	98Ra	95Ra
Color Temperature	3200 ~ 5600K	
CCT Tolerance	3200K±150K	5600K±150K
Power Consumption	50W	
E. Characteristics	AC 100~240V/50~60HZ DC 12~24V	
Dimming	Manual / DMX 512	
Color Control	Manual / DMX 512	
Operating Temp.	0°C~45°C	

Lumos 300F Specification

Division	3200K	5600K
Size/Weight	300 X 300 X 73mm/ 1.9kg (11.8 x 11.8 x 2.9 in/ 4 lb)	
Photometric	1100 lux @1m	1200 lux @1m
CRI	98Ra	95Ra
Color Temperature	3200 or 5600K	
CCT Tolerance	3200K±150K	5600K±150K
Power Consumption	50W	
E. Characteristics	AC 100~240V/50~60HZ DC 12~24V	
Dimming	Manual / DMX 512	
Color Control	N/A	
Operating Temp.	0°C~45°C	

Lumos 500 (MK, 3200K / 5600K)



Multi-functional and even more powerful

- High quality design and construction
- High CRI 98 Ra at 3200K
- Equivalent of 1000W tungsten
- Adjustable Color Temperature
- Stable dimming (0% ~ 100%)
- DMX control
- 12 ~ 24V DC
- Digital LCD display
- Supports Anton Bauer (Gold-mount) or V-mount battery
- For indoor and outdoor use

Photometric information of Lumos 500

CCT	LED option	4 ft	8 ft	12 ft	16 ft	1 m	2 m	3 m	4 m
3200K	w/o Lens (85°)	131 Fc	33 Fc	15 Fc	8 Fc	2000 lux	520 lux	230 lux	130 lux
	w/ Lens (55°)	201 Fc	50 Fc	22 Fc	13 Fc	3200 lux	830 lux	370 lux	200 lux
5600K	w/o Lens (85°)	148 Fc	37 Fc	16 Fc	9 Fc	2300 lux	590 lux	260 lux	140 lux
	w/ Lens (55°)	236 Fc	59 Fc	26 Fc	15 Fc	3700 lux	940 lux	410 lux	230 lux

Lumos 500MK Specification

Division	3200K	5600K
Size/Weight	512 X 327 X 86mm/ 8kg (20.2 x 12.9 x 3.2 in/ 17.6 lb)	
Photometric	2000 lux @ 1m	2300 lux @ 1m
CRI	98Ra	95Ra
Color Temperature	3200 ~ 5600K	
CCT Tolerance	3200K±150K	5600K±150K
Power Consumption	120W	
E. Characteristics	AC 100~240V/50~60HZ DC 12~24V	
Dimming	Manual / DMX 512	
Color Control	Manual / DMX 512	
Operating Temp.	0°C ~45 °C	

Lumos 500F Specification

Division	3200K	5600K
Size/Weight	512 X 327 X 86mm/ 8kg (20.2 x 12.9 x 3.2 in/ 17.6 lb)	
Photometric	2000 lux @ 1m	2300 lux @ 1m
CRI	98Ra	95Ra
Color Temperature	3200 or 5600K	
CCT Tolerance	3200K±150K	5600K±150K
Power Consumption	120W	
E. Characteristics	AC 100~240V/50~60HZ DC 12~24V	
Dimming	Manual / DMX 512	
Color Control	N/A	
Operating Temp.	0°C ~45 °C	

Lumos 700 (MK, 3200K / 5600K)



Designed for the HD Studio

- High quality design and construction
- High CRI 98 Ra at 3200K
- Equivalent of 1500W tungsten
- Adjustable Color Temperature
- Stable dimming (0% ~ 100%)
- DMX control
- 12 ~ 24V DC / Safe circuit protection
- Digital LCD display

Photometric information of Lumos 700

CCT	LED option	4 ft	8 ft	12 ft	16 ft	20 ft	1 m	2 m	3 m	4 m	5 m
3200K	w/o Lens (85°)	263 Fc	66 Fc	29 Fc	16 Fc	11 Fc	4200 lux	1000 lux	460 lux	260 lux	160 lux
	w/ Lens (55°)	418 Fc	105 Fc	46 Fc	26 Fc	17 Fc	6600 lux	1600 lux	740 lux	410 lux	260 lux
5600K	w/o Lens (85°)	297 Fc	74 Fc	33 Fc	19 Fc	12 Fc	4700 lux	1100 lux	520 lux	290 lux	190 lux
	w/ Lens (55°)	473 Fc	118 Fc	53 Fc	30 Fc	19 Fc	7500 lux	1800 lux	840 lux	470 lux	300 lux

Lumos 700MK Specification

Division	3200K	5600K
Size/Weight	727 X 452 X 83mm/ 16kg (28.6 x 17.8 x 3.2 in/ 35.3 lb)	
Photometric	4200 lux @1m	4700 lux @ 1m
CRI	98Ra	95Ra
Color Temperature	3200 ~ 5600K	
CCT Tolerance	3200K±150K	5600K±150K
Power Consumption	200W	
E. Characteristics	AC 100~240V/50~60HZ DC 12~24V	
Dimming	Manual / DMX 512	
Color Control	Manual / DMX 512	
Operating Temp.	0℃~45℃	

Lumos 700F Specification

Division	3200K	5600K
Size/Weight	727 X 452 X 83mm/ 16kg (28.6 x 17.8 x 3.2 in/ 35.3 lb)	
Photometric	4200 lux @1m	4700 lux @ 1m
CRI	98Ra	95Ra
Color Temperature	3200 or 5600K	
CCT Tolerance	3200K±150K	5600K±150K
Power Consumption	200W	
E. Characteristics	AC 100~240V/50~60HZ DC 12~24V	
Dimming	Manual / DMX 512	
Color Control	N/A	
Operating Temp.	0℃~45℃	

Lumos Trip Pro



Portable, pocketable lighting for real professionals

- Continuous Lighting for ENG/HD video
- High CRI 97 Ra at 3200K
- Equivalent of 100W tungsten
- Adjustable Color Temperature
- Stable dimming (0% ~ 100%) Flicker Free
- 6 ~ 20V DC
- Use Canon LP-E6 Battery
- D-tap support (Anton bauer or V-mount battery)
- Honeycomb & carrying bag included

Lumos Trip pro Specification

Division	3200K	5600K
Size/Weight	130 X 103 X 32.8mm/200g (5.1 x 4 x 1.29 in/ 0.4 lb)	
CRI	97Ra	95Ra
Color Temperature	3200~5600K	
CCT Tolerance	3200K±150K	5600K±150K
Power Consumption	12W	
E. Characteristics	DC 6~20V	
Dimming & color control	Manual	
Operating Temp.	0°C ~45 °C	

Photometric information of Lumos Trip Pro

CCT	LED option	4 ft	8 ft	1 m	2 m
3200K	w/o Lens (85°)	15 Fc	4 Fc	210 lux	65 lux
	w/ Lens (55°)	29 Fc	8 Fc	450 lux	120 lux
5600K	w/o Lens (85°)	17 Fc	5 Fc	270 lux	73 lux
	w/ Lens (55°)	32 Fc	9 Fc	510 lux	130 lux

Lumos 100 (MK, 3200K / 5600K)



Convenient, optimized for portable lighting

- High CRI 97 Ra at 3200K
- Equivalent of 150W tungsten
- Adjustable Color Temperature
- Stable dimming (0% ~ 100%) Flicker Free
- 12 ~ 24VDC
- D-tap support (Anton Bauer or V-mount battery)
- Lumos Li-on battery holds up to 2 hours

Photometric information of Lumos 100MK / 100F

	CCT	4 ft	8 ft	1 m	2 m
100MK	3200K	23 Fc	6 Fc	360 lux	90 lux
	5600K	27 Fc	7 Fc	430 lux	100 lux

	CCT	4 ft	8 ft	1 m	2 m
100F	3200K	17 Fc	4 Fc	270 lux	68 lux
	5600K	18 Fc	4 Fc	280 lux	72 lux

Lumos 100MK Specification

Division	3200K	5600K
Size/Weight	220.4 X 86 X 30mm/ 498g (8.67 x 3.38 x 1.18 in/ 1 lb)	
CRI	97Ra	92Ra
Color Temperature	3200~5600K	
CCT Tolerance	3200K±150K	5600K±150K
Power Consumption	24W	
E. Characteristics	AC 100~240V/50~60HZ / DC 12~ 24V	
Dimming & color control	Manual	
Operating Temp.	0°C ~45 °C	

Lumos 100F Specification

Division	3200K	5600K
Size/Weight	218 X 88 X 38mm/ 490g (8.6 x 3.46 x 1.5 in/ 1 lb)	
CRI	98Ra	95Ra
Color Temperature	3200 or 5600K	
CCT Tolerance	3200K±150K	5600K±150K
Power Consumption	17W	
E. Characteristics	AC 100~240V/50~60HZ / DC 24V	
Dimming & color control	Manual	
Operating Temp.	0°C ~45 °C	

Made by DMLite in Korea

The R&D department of Lumos is filled with engineers who have gained their experience with companies such as Motorola, Nokia, Samsung and LG. These engineers apply high tech methods into developing Lumos lighting units that will exceed your expectations

The highest CRI
Minimum color bias
Color accuracy
Color consistent dimming
Excellent uniformity

Reduced glare
Superior finish
DMX standard
Long lasting highest quality LEDs
Unequaled reliability

No fan
No noise
Energy efficient operation
Eco-friendly
Virtually maintenance-free



Lumos LED Lights are suitable for professional film making and HD Video indoors or outside
Lumos 500MK is used as a sungun light for a live TV interview in the Rose Parade, Pasadena, CA.



Broadcast

Broadcasting Companies in Korea, HongKong, Indonesia, Thailand and China chose Lumos LED Lighting for their HD News studio and TV shows



Movie / Production

Best TV drama in asia "A man from the Star" (来自星星的你) used Lumos. Lumos makes a strong presence in Film and HD movie productions. Cinematographers and gaffers recommend Lumos for production



Virtual studio / Motion capture

Lumos lights are excellent for Virtual studio and motion capture. Because Lumos LED produces accurate color and the highest CRI in the market

Manufacturers

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