



DL
DRONELIGHT
SERIES

PROFESSIONAL DRONE LIGHTS

- LIGHT WEIGHT
- HIGH LIGHT OUTPUT
- SMART CONTROL FUNCTIONS
- EASY TO INSTALL
- AUTOMATIC TEMPERATURE PROTECTION
- SOFTWARE PROGRAMMED BATTERY PROTECTION

		
Input Specifications		
Rated power	20 W	250 W
Input voltage	11–36 VDC	20–30 VDC
Current	1,8A @ 11,1V (20W)	11.3A @ 22.2v (250W)
Light Specifications		
Luminous flux (measured)	up to 2.000 lm	up to 22.000 lm
Color temperature	5.000 K (+-500K)	5.000 K (+-500K)
Color rendering index (CRI)	min. 70 (higher on request)	min. 70 (higher on request)
Beam options	3,5, 15, 20, 40 degrees	15, 40 degrees
LUX / 1m (cd)	up to 103.500	220.000
<small>lm=lumen; lm/W=lumen/Watt; cd=candela</small>		
General Specifications		
Weight metric / imperial	apx 120 grams / 4,23 oz	apx 580 grams / 20,45 oz
Mounting	1/4-20 thread & 2xM5 holes	25 mm ball
Dimensions metric	55 x 55 x 55 mm	190 x 230 x 20 mm
Dimensions inch	2,16 x 2,16 x 2,16 inches	7,5 x 9 x 0,8 inches
IP class	IP65	IP54
Power cable and connector	5 cm cable; XT30 male plug	No cable; XT60 male socket
Control cable and connector	20 cm cable; JR RC PWM female	No cable; JR RC PWM male socket
Lifetime prediction	50.000+ hrs	50.000+ hrs
Operation ambient temperature (Ta)	-40°C to +50°C, -40F to +122F	
Storage temperature	-40°C to +80°C, -40F to +176F	
Materials		
Body	Casted and powder coated magnesium	N/A
Frame	N/A	Anodized aluminum
Glass	Polycarbonat; scratch-, UV- and fog resistant	N/A
Control		
Push Button		
on/off, light intensity, strobe	v	
Light intensity; dimming in steps	v	
RC PWM 3-5V 400-1.000Hz (optional)		
Any RC PWM interface	v	v
Light intensity control from 0-100%	v	v
Wireless Control		
Wireless controllable	v	v
Pre programmable scenarios and settings	on request	
Other Features		
Automatic temperature protection	v	v
Software programmed battery protection ²	v	v

²(Only active when powered using 3 cell or 6 cell lipo batteries)

Specifications are subject to change at any point without prior notice.

LIGHT MATRIX

				10 m/33 ft		30 m/98 ft		60 m/197 ft		100 m/328 ft	
	Beam (degrees)	Lumen (lm)	LUX@1m / Candela (cd)	Lux	Circle	Lux	Circle	Lux	Circle	Lux	Circle
DL A PRO	3,5	500	103.500	1.035	1 m / 3 ft	116	2 m / 6,5 ft	29	4 m / 13 ft	11	6 m / 20 ft
	15	2.000	21.100	212	3 m / 10 ft	24	8 m / 26 ft	6	16 m / 52 ft	3	27 m / 88 ft
	20	1.750	14.400	145	3 m / 10 ft	17	10 m / 33 ft	5	20 m / 65 ft	2	33 m / 108 ft
	40	1.400	2.900	30	7 m / 23 ft	4	21 m / 69 ft	1	42 m / 138 ft	1	70 m / 230 ft
DL C PRO	15	22.300	219.000	2.200	4 m / 13 ft	254	11 m / 36 ft	62	22 m / 72 ft	22	36 m / 118 ft
	40	21.500	47.000	570	7 m / 23 ft	64	22 m / 72 ft	16	44 m / 144 ft	6	73 m / 239 ft

PRODUCTS



DL A PRO

- Up to 103.000 LUX@1m (cd)
- 2.000 lm (measured)
- 20W/120 gram
- 11-36 VDC
- PWM controllable



DL C PRO

- Up to 219 000 LUX @ 1m (cd)
- 22.300 lm (measured)
- 250W/580 grams
- 20-30 VDC
- PWM controllable

KITS AND ACCESSORIES



DJI M210 KIT

- 2 x DL A
- 2 x strap mounts
- 1 x cable harness
- Professional drone lights for critical and urgent operations
- Connects directly to the drone's power source
- Lights can be steered from the drone's remote controller
- Does not occupy the gimbal

ACCESSORIES

- 1 Strap mount
 - 2 Bar mount
 - 3 25 mm ball
 - 4 Shaft
- Cable harness
 - Battery Bracket



AREAS OF USE

Using drone lights will expand operational time, increase efficiency and higher the chances for a successful operation. Drone lights are very relevant for the following areas of use.



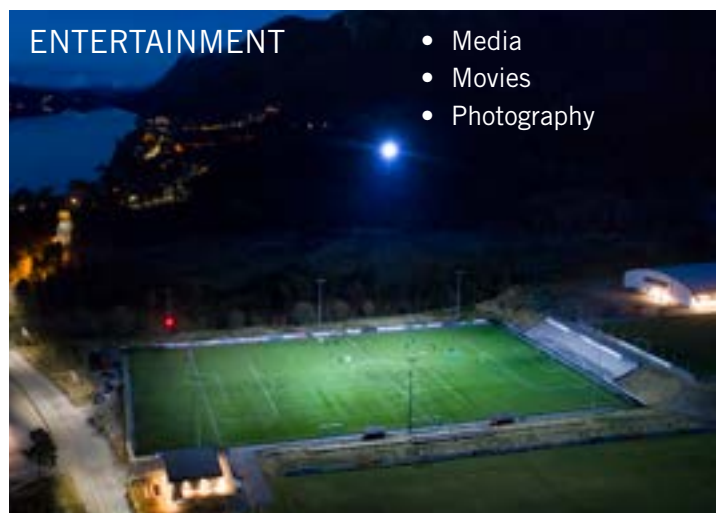
FIRST RESPONDERS

- Police Departements
- Fire Fighters
- Search & Rescue



INSPECTION

- Bridge
- Tower
- Windmill



ENTERTAINMENT

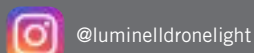
- Media
- Movies
- Photography



SECURITY

- Law Enforcement
- Surveillance
- Border control

Our RnD and Project team are ready to help with custom needs. Luminell does product development, prototyping, light simulations and projects. Please don't hesitate to contact us.



Luminell Dronelight AS
Myrabakken Næringsssenter – Bygg 2
6010 Ålesund
NORWAY

Contact
+47 70 10 10 70
dronelight@luminell.com
www.dronelight.com



Distributed by:

