

Makita[®]

18V LED Long Distance Flashlight

DML812



LXT[®]

Product Objectives

- Develop an LED Long Distance Flashlight that is powered by Makita's 18V batteries
- To develop an 18V LED Long Distance Flashlight that provides powerful illumination across large distances, capable of lighting up objects 640 metres away



Product Overview

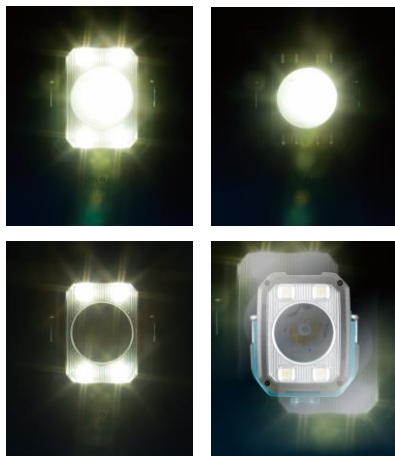
ON/OFF Switch

Rafter Hook

Head swivels 90°

4 Light Output Modes

eXtreme Protection Technology



Product Specification Sheet



Continuous runtime (6.0Ah)	Spot Light: 10hrs Flood Light: 7.5hrs Spot & Flood: 6.0hrs
Luminous flux	Spot Light: 600lm Flood Light: 1,000lm Spot & Flood: 1,250lm
Illuminance (at 1m)	Spot Light: 71,000lx Flood Light: 520lx Spot & Flood: 51,000lx
Overall length	313mm
Skin weight	0.9kg
Weight (with battery)	1.6kg
Voltage	18V

- **ON/OFF Switch** – An on & off button switch with a memory function that allows the user to turn on the light and start on the same light output mode used most recently
- **4 Light Output Modes** – By pressing the lighting mode selection button, the flashlight starts up in Spot mode. The user can then choose between spot mode, flood mode, spot + flood mode and strobe mode
- **Rafter Hook** – allows for easy handling and enables for light to be hung or suspended to provide more convenient and versatile lighting
- **Head swivels 90°** – allows for increased versatility, enabling the user to focus the light at different angles for varying working conditions
- **eXtreme Protection Technology** – designed to endure outdoor working conditions with protection against dust and moisture

Advantages

High Power



Provides powerful long distance lighting, capable of lighting objects up to 640m away

Versatility



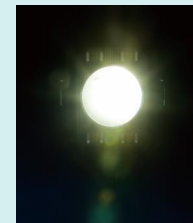
Flashlight head capable of swiveling 90°

Durability

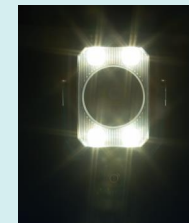


XPT – designed to withstand tough jobsite conditions, increasing durability

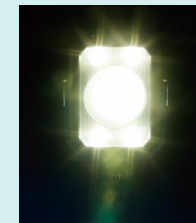
Convenience



Spot Light



Flood Light



Spot & Flood



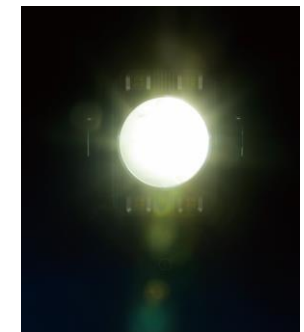
Strobe

4 light output modes


Advantages – 4 Light Output Modes

By pressing the lighting mode selection button, the flashlight starts up in Spot mode. The user can then choose between spot mode, flood mode, spot + flood mode and strobe mode


1. **Spot Mode** – enables for strong and powerful lighting for long distances. Capable of lighting objects up to 640m away with 71,000lx
2. **Flood Mode** – provides more widespread lighting, ideal for lighting up large working environments with 520lx
3. **Spot + Flood Mode** – ideal for providing lighting across a larger area with more powerful lighting, providing 51,000lx
4. **Strobe Mode** – ideal for safety and warning applications










Runtime – DML812

		18V LED Long Distance Flashlight			
	Applicable Battery	Spot	Flood	Spot + Flood	Strobe
	18V 3.0Ah Battery (BL1830B)	4.5hrs	3.5hrs	2.9hrs	4hrs
	18V 4.0Ah Battery (BL1840B)	6.5hrs	5.0hrs	4.0hrs	5.5hrs
	18V 5.0Ah Battery (BL1850B)	8.5hrs	6.5hrs	5.0hrs	7.0hrs
	18V 6.0Ah Battery (BL1860B)	10.0hrs	7.5hrs	6.0hrs	8.5hrs


Our Range

	DML809	DML811	DML805	DML812
				
Continuous runtime (6.0Ah)	2x 6.0Ah High: 1.7hrs Medium: 4.5hrs Low: 8.5hrs	High: 3hrs Medium: 7hrs Low: 13hrs	Hi:10.2hrs Lo: 25.5hrs	Spot Light: 10hrs Flood Light: 7.5hrs Spot & Flood: 6.0hrs
Luminous flux	High: 10,000lm Medium: 4,000lm Low: 2,000lm	High: 3,000lm Medium: 1,500lm Low: 750lm	750lm	Spot Light: 600lm Flood Light: 1,000lm Spot & Flood: 1,250lm
Illuminance	1m- High: 3,800lx Medium: 1,500lx Low: 800lx	1m – 1,800lx	1m - High: 1,150lx Low: 750lx	1m - Spot Light: 71,000lx Flood Light: 520lx Spot & Flood: 51,000lx
Overall length	249mm	249mm	214mm	313mm
Skin weight	5.8kg	4.1kg	2.0kg	0.9kg
Weight (with battery)	7.0kg	4.8kg	2.6kg	1.6kg
Voltage	18V / AC	18V / AC	18V / AC	18V

Our Range - Continued

	DML815	DML808	DML802	DML807	DML801	DML800	DML186
							
Continuous runtime (6.0Ah)	54hrs	32 hours	26hrs	Hi:14hrs Lo: 28hrs	18hrs	6.0Ah - 40hrs	100hrs
Luminous flux	160lm	190lm	160lm	710lm	240lm	100lm	100lm
Illuminance	1m - 3,000lx	1m - 170 - 4,500lx	1m - 4,000lx	50cm - 1,900lx	50cm - High: 400lx Low: 200lx	2,000lx	1m - 500lx
Overall length	272mm	297mm	273mm	297mm	380mm	151mm	151mm
Skin weight	0.3kg	0.43kg	0.33kg	0.73kg	0.37kg	0.26kg	0.19kg
Weight (with battery)	0.9kg	1.1kg	0.93kg	1.4kg	0.97kg	0.86kg	0.79kg
Voltage	18V	18V	18V	18V	18V	18V	18V

Accessories

Standard Accessories		
	GM00002239	Strap Hook

Optional Accessories		
	BL1815N to BL1860B	18V Batteries
	DC18RD	Dual Port Rapid Charger
	DC18RC	Single Port Rapid Charger
	DC18RE	Dual Voltage Rapid Charger