

**PATLITE®**

**PATLED®s**

**Brilliant** from every *Angle*

**Thickness**

**22.2** Width **mm**  
※1  
**Industry's Thinnest**

※1 PATLITE's comparison as of November, 2012

**Brightness**

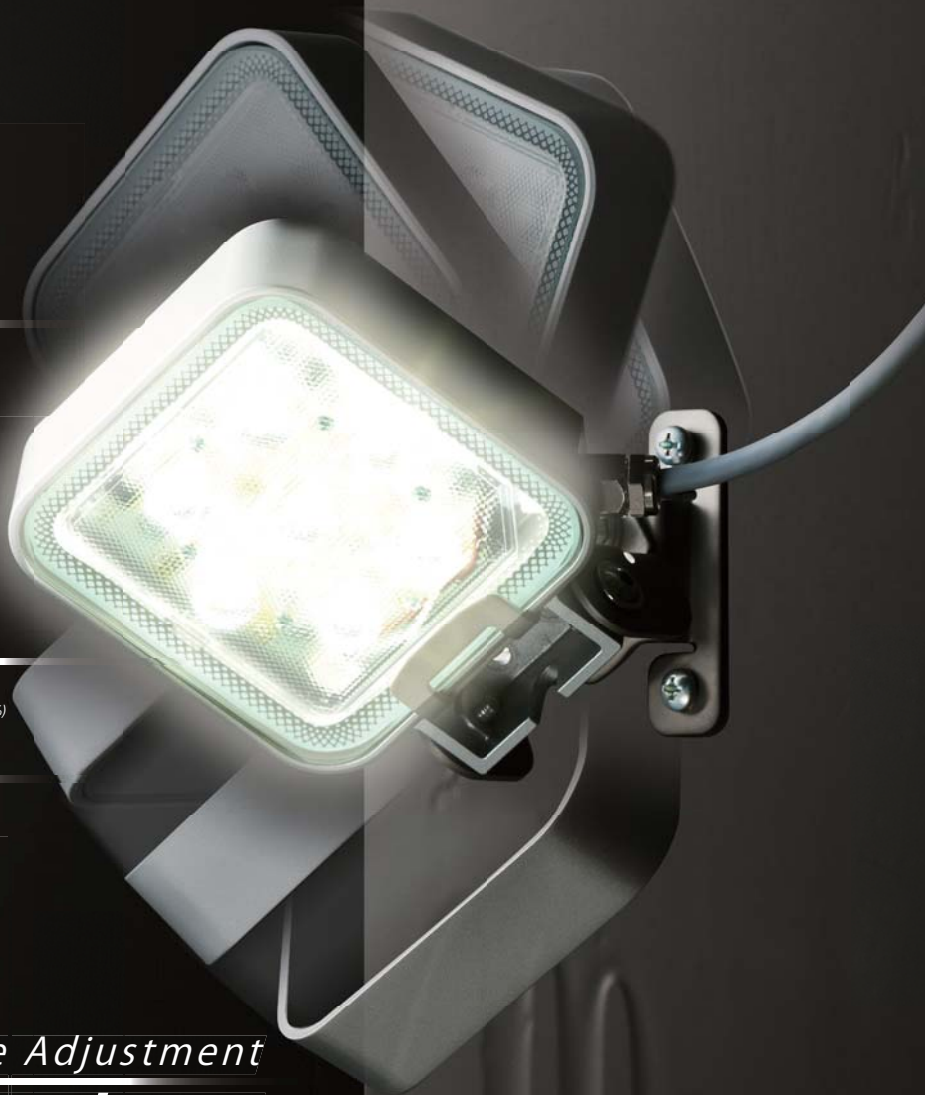
**820** ※2 **lx**  
40W Bulb  
Equivalence

**60,000** Est. LED Lifespan  
(Brightness of 70%) **hrs.**

※2 Measurements made from the CD (daylight) model.

**Flexibility**

**180°** Angle Adjustment  
**Mount Anywhere!**



**Hi Illumination  
Diffusion Type**

**Water  
Resistant**

**Oil  
Resistant**

IP66G

IP67G

IP69K



Water/Oil Resistant  
LED Work Light

**CLN**

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



22.2mm Width

Space-saver

■ 22.2mm Thick Design  
Space-saving concept of "Thin; Low-profile; free and unobstructive" for machinery.

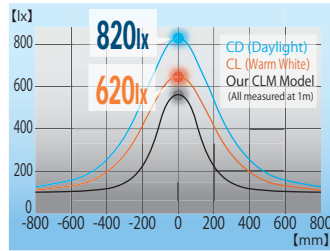
※1 PATLITE's comparison as of November, 2012

#### Applications



# Brightness 820Ix

#### Light Distribution Characteristics



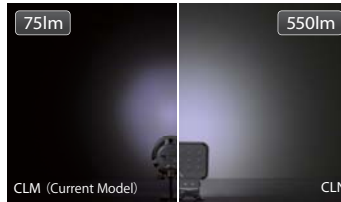
Illuminance is improved by 1.6 times more than the previous model and gives a brighter and more distinctive illumination.

#### Slim & Smooth Surface



Designed with a thin rim and a large, smooth front glass to resist the collection of dust and added with a full specification of water and oil proofing.

#### Natural Diffusion (CD: Daylight)



The quantity of light surpasses Our current model seven times more and is certain to out-weigh a 40W light bulb. The natural light distribution characteristic is preserved while illuminating a wider work area.

※ 40W bulb at 485lm : JIS C 7501 Halogen Lamp at 20W.

# IP67G Compliant

#### Water and Oil Resistant



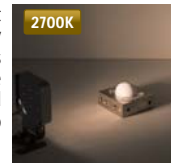
It also conforms to resistance from coolants used for process machinery as well as water. The flexible angle is made of stainless steel to protect it from rusting.

#### Shows Shadows and Light



Virtual midday sunlight color remarkably distinguishes shadows and edges. It's suitable for use with detailed lighting or lighting up displays.

#### Fluently refined with warm white



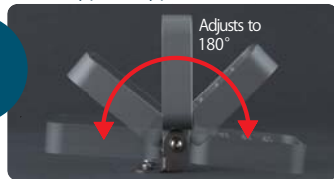
When light is applied to the object, it enhances the image, which would be visible in fog, yet otherwise be reflected from a white color. An Incandescent Color softens the reflected light from the object.

※Has a high color-rendering index of Ra80, which can be used in the food industry for applications such as stir-fry dishes, sauces and roux.

# Attach Anywhere! Flexible Angle Adjustment!



#### Tilt Type (T Type)



Has an up-and-down angle of 180°, and can be folded up to a width of 33mm, making it easier to mount.



#### Pan/Tilt Type (PT Type)



Lighting angles of 180° up and down, and 120° left and right, and can be folded to a width of 43mm. Horizontal wall-mounting and free adjustment for any application.

#### Floor Mount Example



#### Wall Mount Example



#### Ceiling Mount Example



#### Floor Mount Example



#### Wall Mount Example



#### Ceiling Mount Example



※ The tilt & pan/tilt brackets can also be removed for Rear Attachment applications.

Specifications				Dimensional Drawing (Unit:mm)	
Model	CLN-24-_-T		CLN-24-_-PT		
Color Code (Color)	CD (Daylight)	CL (Warm White)	CD (Daylight)	CL (Warm White)	
Color Temperature (typ.)	6500K	2700K	6500K	2700K	
Illumination (typ.) (Centered at 24VDC) 1m	820 lx	620 lx	820 lx	620 lx	
Total Luminous Flux (typ.)	550 lm	330 lm	550 lm	330 lm	
Rated Voltage	24VDC (Polarized)				
Operating Voltage Range	24V DC ±10%				
Rated Consumption Current/Power Dissipation	174mA ±10% / 4.2W				
Operating Ambient Temperature	-40°C to +60°C (90% RH, No Condensation)				
Main Unit Material	Body: Aluminum Alloy, Lens: Tempered Glass				
Protection Rating	IP66G/67G (JIS C 0920)/69K (DIN 40050 part 9) (excluding cable ends)				
Mounting Location/Direction	Indoor / Any Direction				
Insulation Resistance	DC 500V 5MΩ or more				
Withstand Voltage	500VAC for 1 minute (Between terminals and chassis)				
Vibration Resistance	30Hz total amplitude 0.3mm <sup>PP</sup> Back and forth, up and down, right and left for 2 hours each Total amplitude 0.3mm <sup>PP</sup> (10-57Hz), Acceleration 19.6m/s <sup>2</sup> (57-150Hz)				
Mass (Tolerance ±10%)	360g		430g		

## PATLITE Corporation

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ISO14001:2004 ISO9001:2008



PATLITE Headquarters and the Sanda factory acquired ISO 9001 (International Standard for Quality Control and Quality Assurance) and ISO 14001 (Environmental Management System Standard) authentication, defined by the International Organization for Standardization.



CAUTION

To ensure correct use of these products, read the "Instruction Manual" prior to use.

Catalog No.

1261A

1212 J(J)/(S)M/A



**PATLITE ECO PROJECT**  
For the benefit of mankind and the earth, PATLITE is committed to developing environmentally friendly products.