

PATLITE®

PATLED®s

Brilliant from every *Angle*

Thickness

22.2 *Width*
mm
Industry's Thinnest

※1 PATLITE's comparison as of November, 2012

Brightness

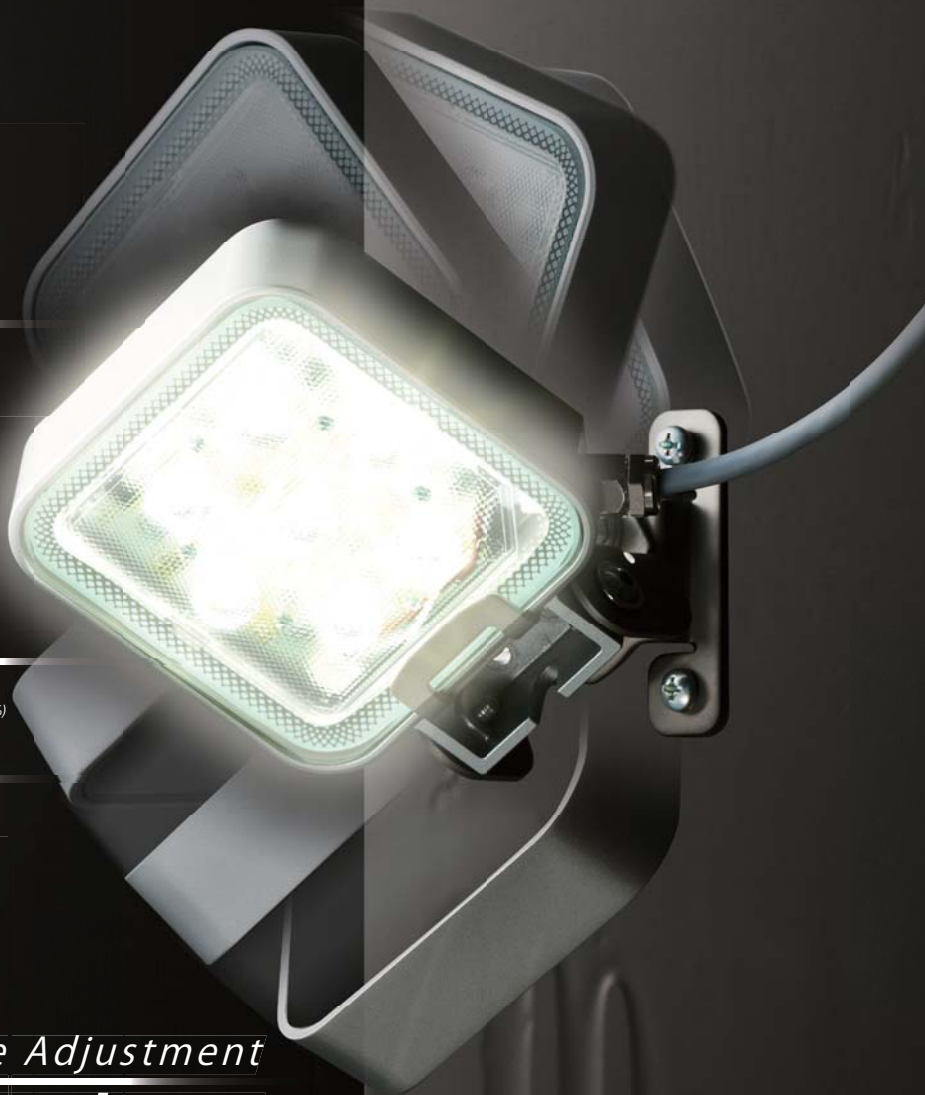
820 *40W Bulb
Equivalence*
lx

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

22.2mm Width

Space-saver

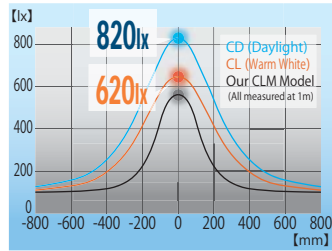
■ 22.2mm Thick Design
Space-saving concept of "Thin; Low-profile; free and unobstructive" machinery.

※1 PATLITE's comparison as of November, 2012

Brightness

820lx

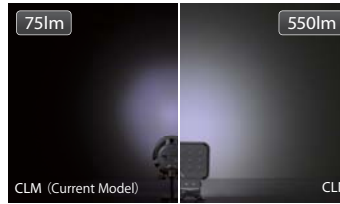
Light Distribution Characteristics



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

※2 Measurement made from CD (Daylight) Model

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.

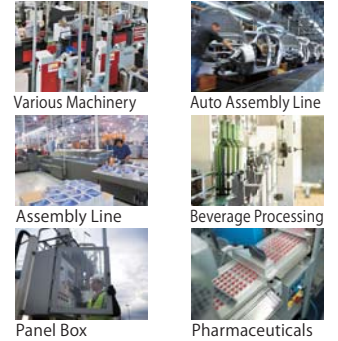
※40W bulb at 485lm: JIS C 7501 Halogen Lamp at 20W.

IP67G Compliant



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.

Applications



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.

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

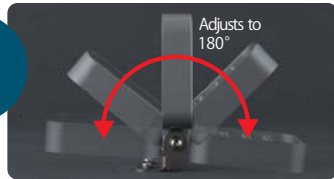


When light is applied to the object, it enhances the image, which would be visible in fog, yet otherwise be reflected from a white color. An Incandescent Color softens the reflected light from the object.

※Uses a high color-rendering type 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.

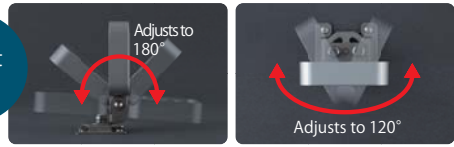
Floor Mount Example

Wall Mount Example

Ceiling Mount Example



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

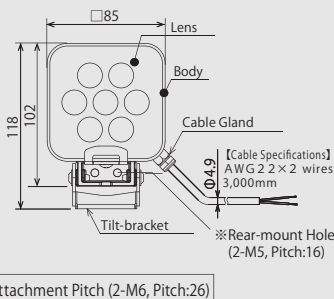


※ The tilt & pan/tilt brackets can also be removed for Rear Attachment applications.

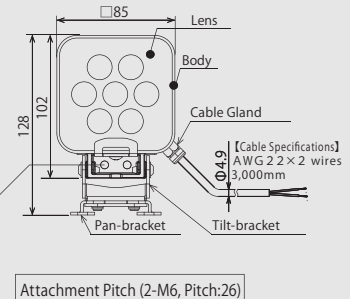
Specifications	
Model	CLN-24--T CLN-24--PT
Color Code (Color)	CD (Daylight) CL (Warm White) CD (Daylight) CL (Warm White)
Color Temperature (typ.)	6500K 2700K 6500K 2700K
Illumination (typ.) (Centered at 24VDC) 1m	820 lx 620 lx 820 lx 620 lx
Total Luminous Flux (typ.)	550 lm 330 lm 550 lm 330 lm
Rated 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 ^{PP} Back and forth, up and down, right and left for 2 hours each Total amplitude 0.3mm ^{PP} (10-57Hz), Acceleration 19.6m/s ² (57-150Hz)
Mass (Tolerance ±10%)	360g 430g

Dimensional Drawing (Unit:mm)

Tilt Type (T Type)



Pan/Tilt Type (PT Type)



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ISO14001:2004 ISO9001:2008



The 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 which is defined by the International Organization for Standardization.



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

PATLITE ECO PROJECT

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



Catalog No.	2274A	1211 K(K)/K(K)A
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