

PRODUCT CATALOGUE

New Generation of Lighting



greener. smarter.
www.ledbay-lighting.com



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COMPANY PROFILE

New Generation of Lighting (POLE)

LEDbay lighting is a professional company that lives and breathes innovation, bringing a dash of new thinking into the lighting industry. We are committed to design, install, and commission the new generation of lighting, which is not only eco-friendly, but also tailored to your specific needs. Our proven and advanced lighting systems are able to deliver quality light with **P** (Perfect Colour Temperature), **O** (Optimal Light), **L** (Lighting on Demand), and **E** (Enhanced Efficacy).

Perfect Colour Temperature: Studies have shown that colours affect our psychologies and moods. Cooler colours promote wakefulness and productivity while warmer colours tend to promote relaxation. With our new generation of lighting, you can set the perfect colour temperature for your activities, whether it be inviting, relaxed, calm, comfortable, or focused.

Optimal Light: When designing their lighting systems, LEDbay's team of engineers did not only put power efficacy and durability into consideration, they also considered flicker-free, high colour-rendering, beam angles, brightness, uniformity, comfortability, and reduced glare to achieve optimal lighting, to ensure maximum protection for eyes, and to promote the feeling of well-being.

Lighting on Demand: Turn on lights only when you need them. This does not just maximise power savings, it also creates an individual level of lighting comfort and promotes a feeling of well-being. The Brightness Adjustment, Changeable Colour Temperature, Zone/Group, Scene, and Smart Sensor features maximise power and flexibility of control.







Enhanced Efficacy: "Greener. Smarter." That's our slogan and our mission. With LEDbay's eco-friendly, high power-efficacy, and long lifespan LED products, customers enjoy great energy savings as well as ease of maintenance in the long run. In addition, with our smart "lighting on demand" systems, you get full control of your lighting system and your electricity bills.

Reshape Your Business with Intelligent Lighting™

LEDbay lighting is capable of transforming your home, office or retail space into a futuristic playground with high-end, smart lighting systems based on the latest LED technologies. In other words, we allow our customers to take full advantage of the informational revolution and stay ahead of the trends by enjoying the luxury of intelligent and responsive lighting.

Environmental protection is another value we are deeply committed to. Our offering consists only of products with energy-efficient features. Green technologies have progressed radically over the past few years and are now entering a mature phase, so this is a great time to consider a switch. You can save a lot of money on electricity costs in this way while helping save the planet at the same time. Our highly knowledgeable and professional staffs are here to assist you from the start - customers can count on free consultation in advance of the purchase, as well as continual support afterwards. Since our lighting systems are built to last a long time, we are naturally inclined to nourish long-term collaboration with our private and corporate customers.

QUALITY ADVANTAGES

 Premium Quality	 Green Products	 Smart Lighting	 3-Year Warranty	 Free Consultation	 Reseller Discounts
<p>Our customers have a choice of high-quality products signed by premium manufacturers, which guarantees that our lighting solutions will stay in great shape for years without much need for active maintenance. When you are buying from LEDbay, you can count on perfection every single time.</p>	<p>Switching to green technologies has never been easier, especially if you are collaborating with a proven provider like LEDbay. We can offer a large number of products that expend less energy and have fewer emissions than traditional light bulbs. In translation – more savings, less pollution!</p>	<p>Intelligent and programmable lighting systems are not a matter of science fiction anymore – they are already here today. LEDbay can deliver and install a smart lighting system designed to your specifications and then you can set it up to fit the pattern that best suits your daily rhythms.</p>	<p>All products bought from LEDbay, as well as our intelligent lighting systems, come with a standard 3-year warranty, so our customers are fully protected. In case of any technical issues during the stated period, all malfunctioning equipment will be repaired or replaced free of charge.</p>	<p>We are always happy to lend professional advice and we don't need any compensation for this service. You can contact us by e-mail or phone at any time and we will run you through the range of smart and green lighting options at your disposal and help you choose one that fits your needs.</p>	<p>In addition to working directly with end users, LEDbay is open for collaboration with resellers, consultants, designers and contractors. Significant discounts are available for this type of agreement, so that both sides have enough room for profit. Ask our representative how to become a part of our retail network!</p>



Traditional lights give off 90% heat whereas LEDs use only 20%-25% of energy and last up to 25 times longer. Hence, using LED light save a lot on your monthly bill.



High-quality LED lighting products will stay in great shape for years without much need for active maintenance. When you are buying LEDs from LEDbay, you can count on perfection every single time.



LEDs offer outstanding levels of energy efficiency and their life expectancy are typically 40,000 hours or more. Other than minimising your energy bill, you are helping out the environment too.



LEDs are revolutionary quality lights that offer a long list of benefits. Besides the common benefit you've read, LEDs also don't attract bugs and emit less or zero UV/IR rays. They are built with sturdy components making it extremely durable.



Colour Rendering is important especially for commercial application in order to reveal true and vivid colours of the products, artwork, or architectural elements that are of interest. Among artificial lights (LEDs, incandescent, fluorescent, and halogen, etc.), high CRI (Colour Rendering Index) LEDs reproduce the best possible colours of the objects and hence become one of the important merchandising tools.



LEDs are high-performance lights that not just save energy and last longer, they also provide ideal solutions to meet your lighting objectives. LEDs are able to create ambience according to your preference, be it comfortable, cozy, bright or welcoming.



Light used in work places require not just sufficient brightness but also eye protection. In contrast to downlights or spotlights, LED panels produce light with large illumination panels so light is distributed and diffused in evenly spread manner. Further, the evenly diffused light produces less glare and is more pleasing to the eyes.



LEDs emit less or zero UV/IR radiation and therefore are not damaging to the objects compared to conventional artificial light sources such as incandescent, fluorescent, or halogen. LED light sources are one tool that curators and designers can use to achieve the preservation target for objects of art.



Compared with conventional light sources such as incandescent, fluorescent, or halogen, LEDs work well even under cold environment, therefore, LEDs are ideal for supermarket and other places that require cold storage of the products.



P

Perfect Colour Temperature

Studies have shown that colours affect our psychologies and moods. Cooler colours promote wakefulness and productivity while warmer colours tend to promote relaxation. With our new generation of lighting, you can set the perfect colour temperature for your activities, whether it be inviting, relaxed, calm, comfortable, or focused.

O

Optimal Light

When designing their lighting systems, LEDbay's team of engineers did not only put power efficacy and durability into consideration, they also considered flicker-free, high colour-rendering, beam angles, brightness, uniformity, comfortability, and reduced glare to achieve optimal lighting, to ensure maximum protection for eyes, and to promote the feeling of well-being.

L

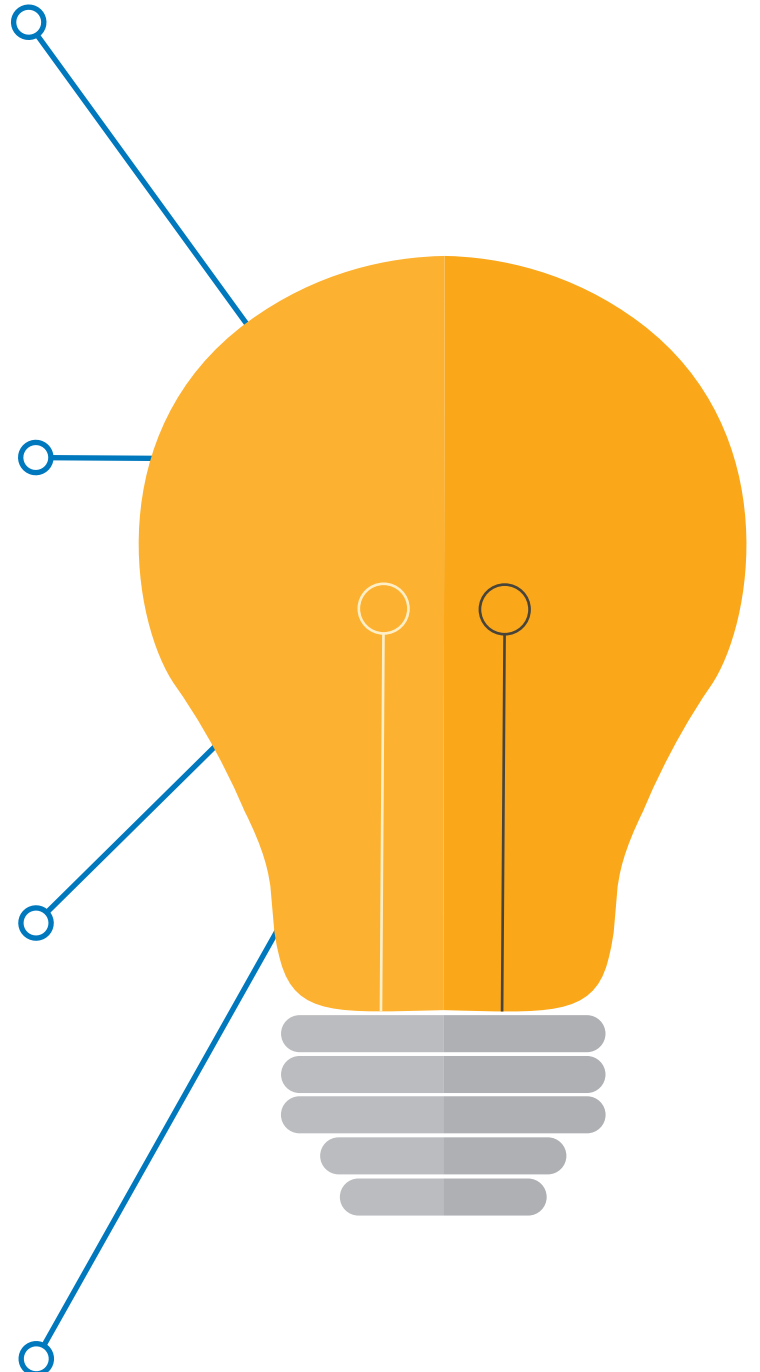
Lighting on Demand

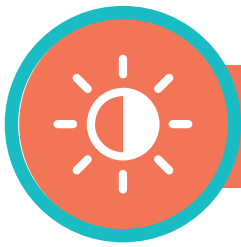
Turn on lights only when you need them. This does not just maximise power savings, it also creates an individual level of lighting comfort and promotes a feeling of well-being. The Brightness Adjustment, Changeable Colour Temperature, Zone/Group, Scene, and Smart Sensor features maximise power and flexibility of control.

E

Enhanced Efficacy

"Greener. Smarter." That's our slogan and our mission. With LEDbay's eco-friendly, high power-efficacy, and long lifespan LED products, customers enjoy great energy savings as well as ease of maintenance in the long run. In addition, with our smart "lighting on demand" systems, you get full control of your lighting system and your electricity bills.





LUMENS & WATTS



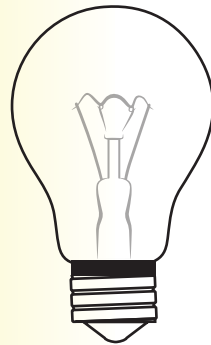
HIGHER WATTAGE = BRIGHTER?

NO!

LUMENS AND WATTS MEASURE TWO DIFFERENT THINGS



LUMENS
(BRIGHTNESS)



WATTS
(POWER CONSUMPTION)

Lumens are the measurement of the total amount of light emitted from a light source. When measuring the brightness of an area such as a working table or a checkout counter, foot candle or lux is used.

Wattage measures how much energy is consumed by a light source. Wattage for LEDs does not reflect the actual brightness of the light like it does for incandescent bulbs.

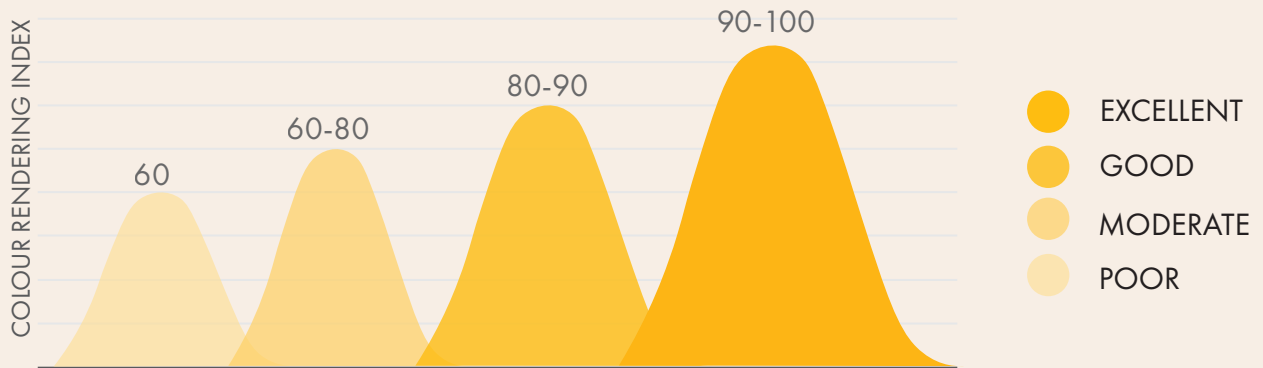
Brightness level recommended by AZ/NZS 1680. 1:2006

Class of Task	Recommended Illuminance	Activities
Movement/Orientation	40 lux	Corridors, walkways
Rough Intermittent	80 lux	Loading bays, locker rooms
Simple work	160 lux	Canteens, entrance halls
Moderate easy	240 lux	Cashier counters, food preparation
Moderate difficult	320-400 lux	Reading, writing and office tasks
Difficult	600 lux	Drawing boards, inspection tasks
Very difficult	800 lux	Fine inspection
Extremely difficult	1200 lux	Graphic art inspection, hand tailoring
Exceptionally difficult	1600 lux	Jewellery and watch making



The Colour Rendering Index (CRI or also denoted as Ra) is a measurement of how a light source shows the actual colours of the objects it is displaying. The closer this figure is to 100, the more realistic, natural and vibrant the colours of the objects will appear.

Quality of Colour Rendering Index



CRI = 90



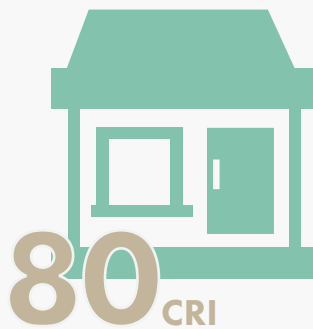
CRI = 60

Designer Fashion & Specialist Stores



Colour plays an important role in sales, marketing and branding. Illumination is crucial here as it helps customers to evaluate the products with great variety of colours. Objects in the store should look appealing and easy for colour differentiation.

Supermarket



It is important for supermarkets to look bright and welcoming. This is to entice customers and ensure they are visually comfortable to evaluate merchandise. The right CRI of 80 or above is recommended to reveal the true and vibrant colour of the products displayed.

Residential



Lights used in residential should be blended seamlessly with your interior designs. The light should never distract but instead, enhance and make your space comfortable. The right CRI of 80 or above is recommended to reveal the true colour of furniture, clothes, and food.

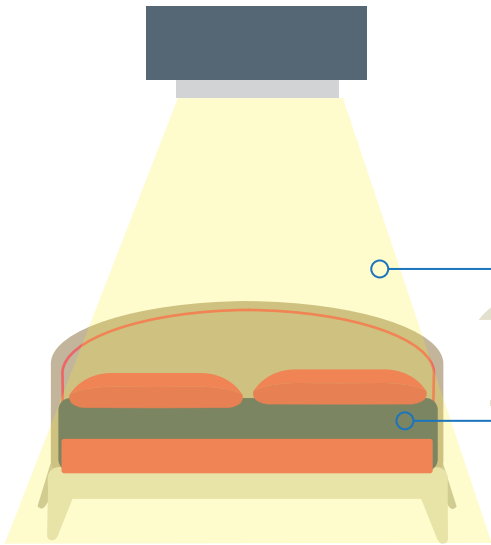
Outdoor



Outdoor lightings are usually chosen for aesthetic appeal. They are used to highlight certain landscape, features, or elements, or to create charming and dreamy view. Hence, moderate CRI is sufficient for your outdoor lightings.



Correlated Colour Temperature (CCT) is a measurement of light source colour in Kelvin (K) degrees. CCT is important because it impacts the way the light makes your space feel.



WARM WHITE



2600K-3700K

Inviting, cozy and calm

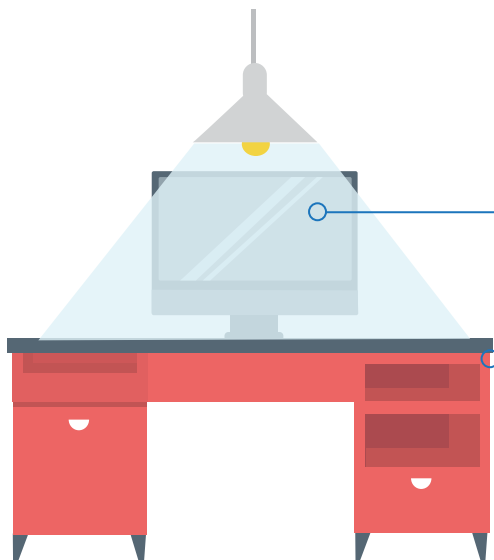
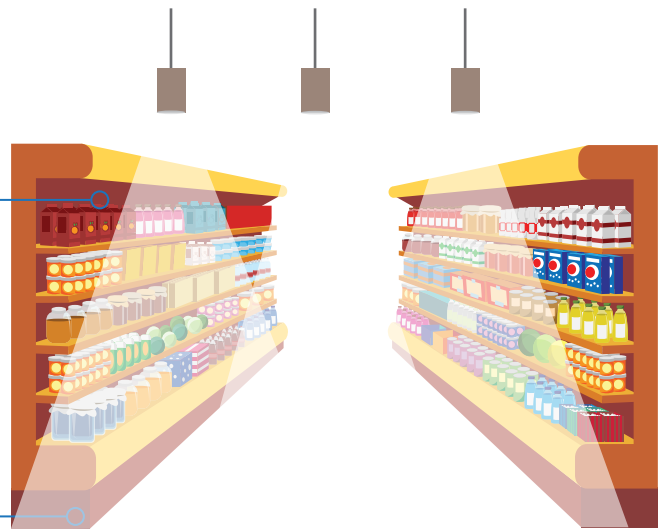
Suitable for bedrooms, restaurants, hotels and etc.

NEUTRAL WHITE

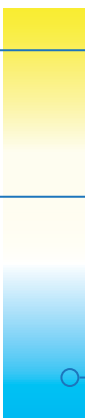
Bright, vibrant and comfortable

3700K-5000K

Suitable for supermarkets, libraries, shopping malls and etc.



COOL WHITE (DAYLIGHT)



Focus, crisp and energetic

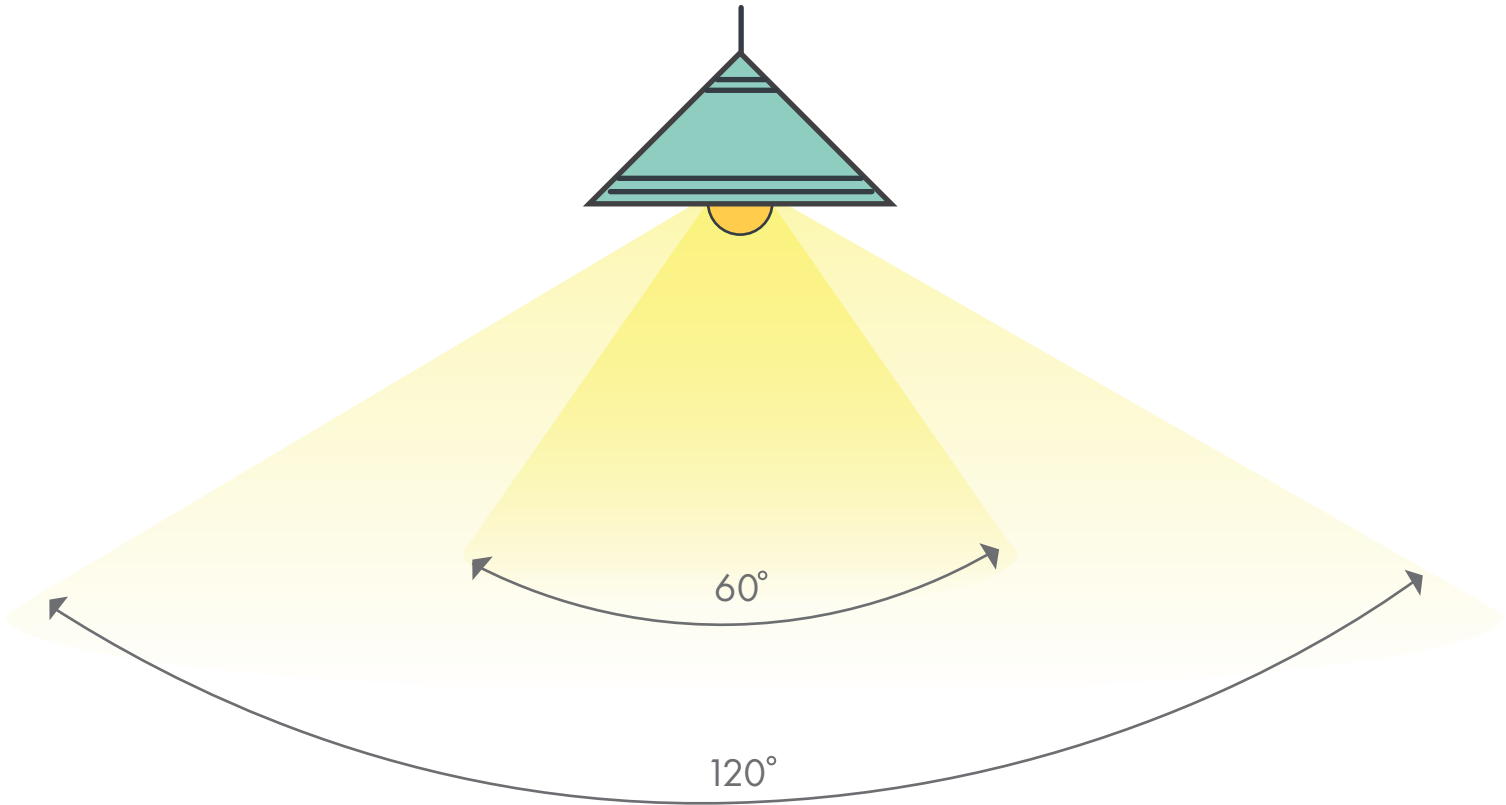
Suitable for offices, retail shops, task lighting and etc.

5000K-8300K

BEAM ANGLE



Beam angle is a measurement of how widely the light is distributed down onto a surface. The choice of beam angle will depend on the use of the light such as ambient lighting or task lighting.



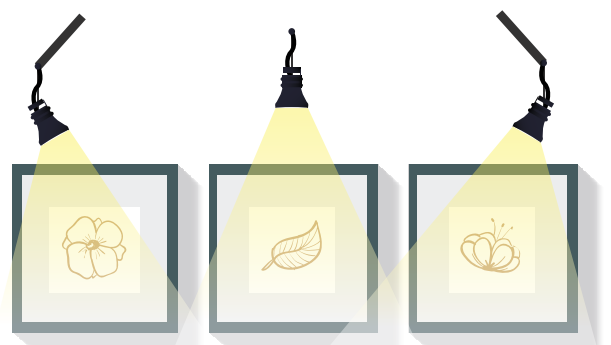
Wide Beam Angle ($> 90^\circ$)

- ▶ Light is less directional and dispersed
- ▶ Suitable for ambient or general lighting e.g. Lounge areas, Restaurants, and Corridors



Narrow Beam Angle ($< 90^\circ$)

- ▶ Light is more directional and focused
- ▶ Suitable for high ceiling applications (4m and above)
- ▶ Suitable for task or accent lighting e.g. Retail shops, Galleries and Showrooms





LED DOWNLIGHTS



DL10 SERIES LED Downlights

- 90° beam angle
- CRI ≥ 80
- Lifespan: 40,000 hours
- Solid design with IP54 protection
- Ideal for general, task and accent lighting

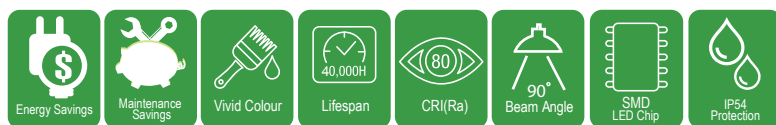
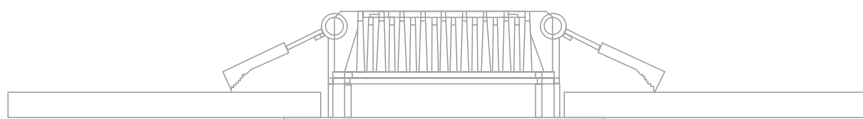
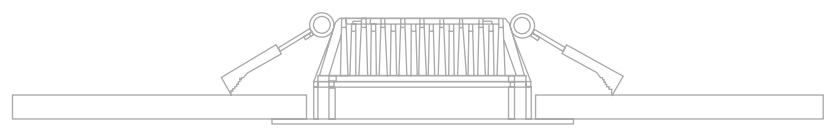


Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL10-2-7W	2"	7W	Ø 80mmx39mm	Ø 60-70mm	2700K 4000K 5000K	600LM
	LB-DL10-3-13W	3"	13W	Ø 110mmx38mm	Ø 90-100mm	2700K 4000K 5000K	1100LM
	LB-DL10-4-18W	4"	18W	Ø 145mmx45mm	Ø 120-130mm	2700K 4000K 5000K	1800LM
	LB-DL10-5-25W	5"	25W	Ø 170mmx45mm	Ø 140-150mm	2700K 4000K 5000K	2520LM
	LB-DL10-6-25W	6"	25W	Ø 190mmx45mm	Ø 160-170mm	2700K 4000K 5000K	2520LM
	LB-DL10-8-35W	8"	35W	Ø 228mmx45mm	Ø 200-210mm	2700K 4000K 5000K	3500LM
	LB-DL10-10-45W	10"	45W	Ø 280mmx52mm	Ø 230-260mm	2700K 4000K 5000K	4450LM



DL11 SERIES LED Downlights

- 90° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Excellent heatsink design
- Ideal for general, task, and accent lighting

Energy Savings

Maintenance Savings



Vivid Colour

40,000H
Lifespan

CRI (Ra)

90°
Beam Angle

SMD
LED Chip

Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL11-3-13W	3"	13W	110mmx110mmx38mm	Ø 90-100mm	2700K 4000K 5000K	1100LM
	LB-DL11-6-25W	6"	25W	190mmx190mmx54mm	160x160mm	2700K 4000K 5000K	1850LM



DL12 SERIES LED Downlights

- 120° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Slim and sleek design
- Ideal for shallow ceiling plenums and contemporary lighting installations

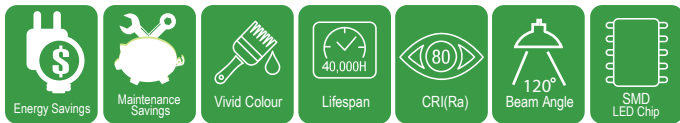
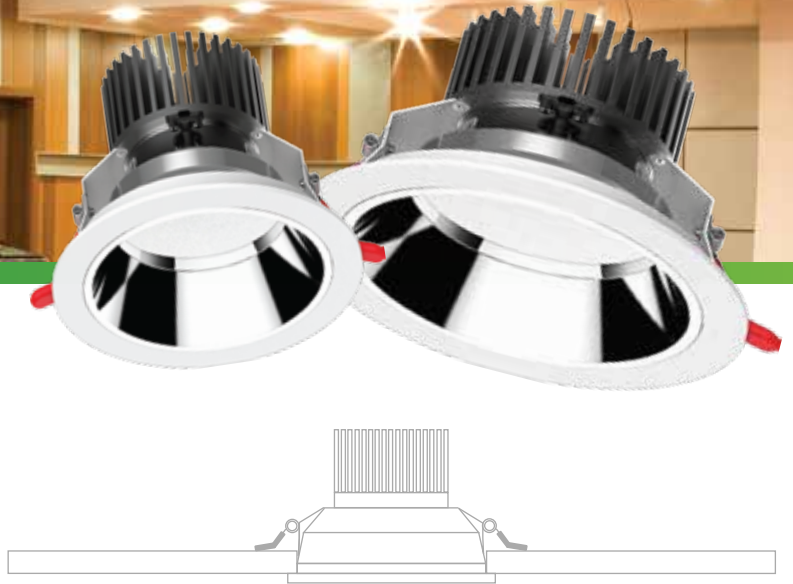



Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL12-5-7W	5"	7W	Ø 145mmx19mm	Ø 130-135mm	3000K 4000K 5700K	500LM
	LB-DL12-6-10W	6"	10W	Ø 180mmx19mm	Ø 160-165mm	3000K 4000K 5700K	780LM
	LB-DL12-7-10W	7"	10W	Ø 200mmx19mm	Ø 185-190mm	3000K 4000K 5700K	780LM
	LB-DL12-8.5-15W	8.5"	15W	Ø 240mmx19mm	Ø 220-230mm	3000K 4000K 5700K	1200LM
	LB-DL12-11-20W	11"	20W	Ø 300mmx19mm	Ø 280-290mm	3000K 4000K 5700K	1600LM




DL13 SERIES LED Downlights

- 60° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- High lumen and well focused
- Ideal for general, task, and accent lighting, especially those with high ceiling







Energy Savings




Maintenance Savings




Vivid Colour



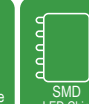
Lifespan






CRI(Ra)



60° Beam Angle



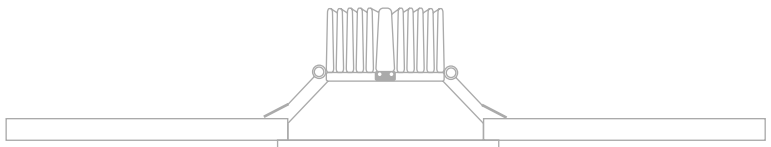
SMD LED Chip

Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL13-3-13W	3"	13W	Ø 110mmx80mm	Ø 90-100mm	2700K 4000K 5000K	1160LM
	LB-DL13-6-25W	6"	25W	Ø 190mmx100mm	Ø 160-180mm	2700K 4000K 5000K	2620LM
	LB-DL13-8-35W	8"	35W	Ø 230mmx110mm	Ø 200-220mm	2700K 4000K 5000K	3700LM



DL14 SERIES LED Downlights

- 45° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Low-glare high lumen output
- Ideal for general, task, and accent lighting, especially those with high ceiling



Energy Savings

Maintenance Savings

Vivid Colour

Lifespan

CRI(Ra)

45°
Beam Angle

COB
LED Chip


Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL14-3-13W	3"	13W	Ø 110mmx100mm	Ø 95-100mm	3000K 4000K 5000K	1050LM
	LB-DL14-6-25W	6"	25W	Ø 190mmx127mm	Ø 165-180mm	3000K 4000K 5000K	2550LM
	LB-DL14-8-35W	8"	35W	Ø 230mmx140mm	Ø 205-220mm	3000K 4000K 5000K	3350LM




DL15 SERIES LED Downlights

- 120° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Slim and sleek design with chrome ring
- Ideal for shallow ceiling plenums and contemporary lighting installations







Energy Savings




Maintenance Savings




Vivid Colour




Lifespan



CRI (Ra)



120° Beam Angle



SMD LED Chip

Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL15-2.5-7W	2.5"	7W	Ø 95mmx27mm	Ø 75-85mm	3000K 4000K 5000K	630LM
	LB-DL15-5.5-18W	5.5"	18W	Ø 165mmx22mm	Ø 145-155mm	3000K 4000K 5000K	1620LM
	LB-DL15-7-23W	7"	23W	Ø 230mmx22mm	Ø 190-200mm	3000K 4000K 5000K	2070LM



DL16 SERIES LED Downlights

- 90° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Solid design with IP54 protection
- Ideal for general, task and accent lighting

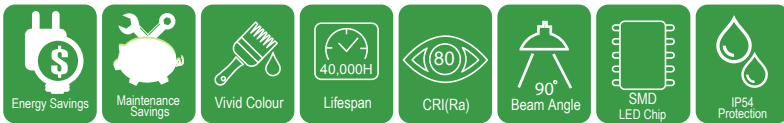
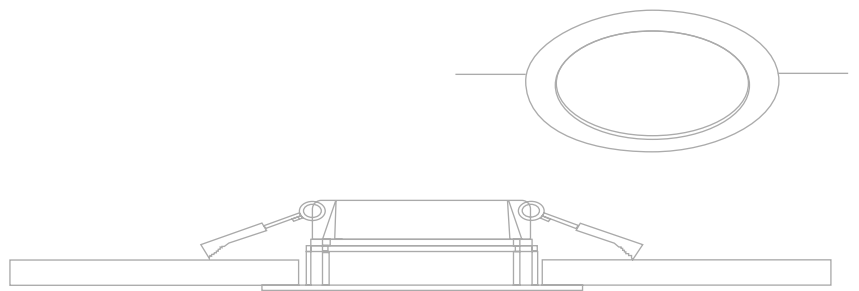


Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL16-3-10W	3"	10W	Ø 110mmx40mm	Ø 90-95mm	3000K 4000K 5000K	1070LM
	LB-DL16-6-18W	6"	18W	Ø 190mmx40mm	Ø 160-170mm	3000K 4000K 5000K	2070LM
	LB-DL16-8-25W	8"	25W	Ø 228mmx40mm	Ø 200-210mm	3000K 4000K 5000K	3000LM



DL17 SERIES LED Downlights

- 90° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Solid design with IP54 protection
- Ideal for general, task and accent lighting

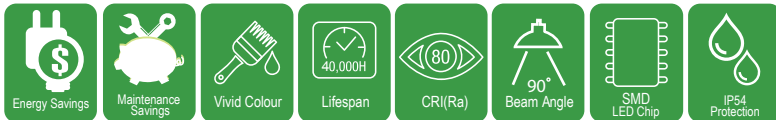
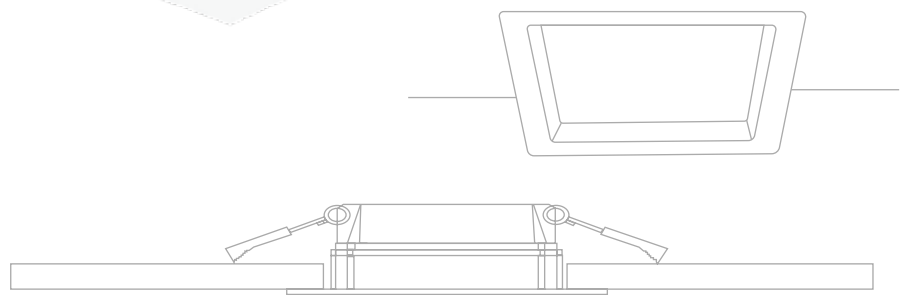
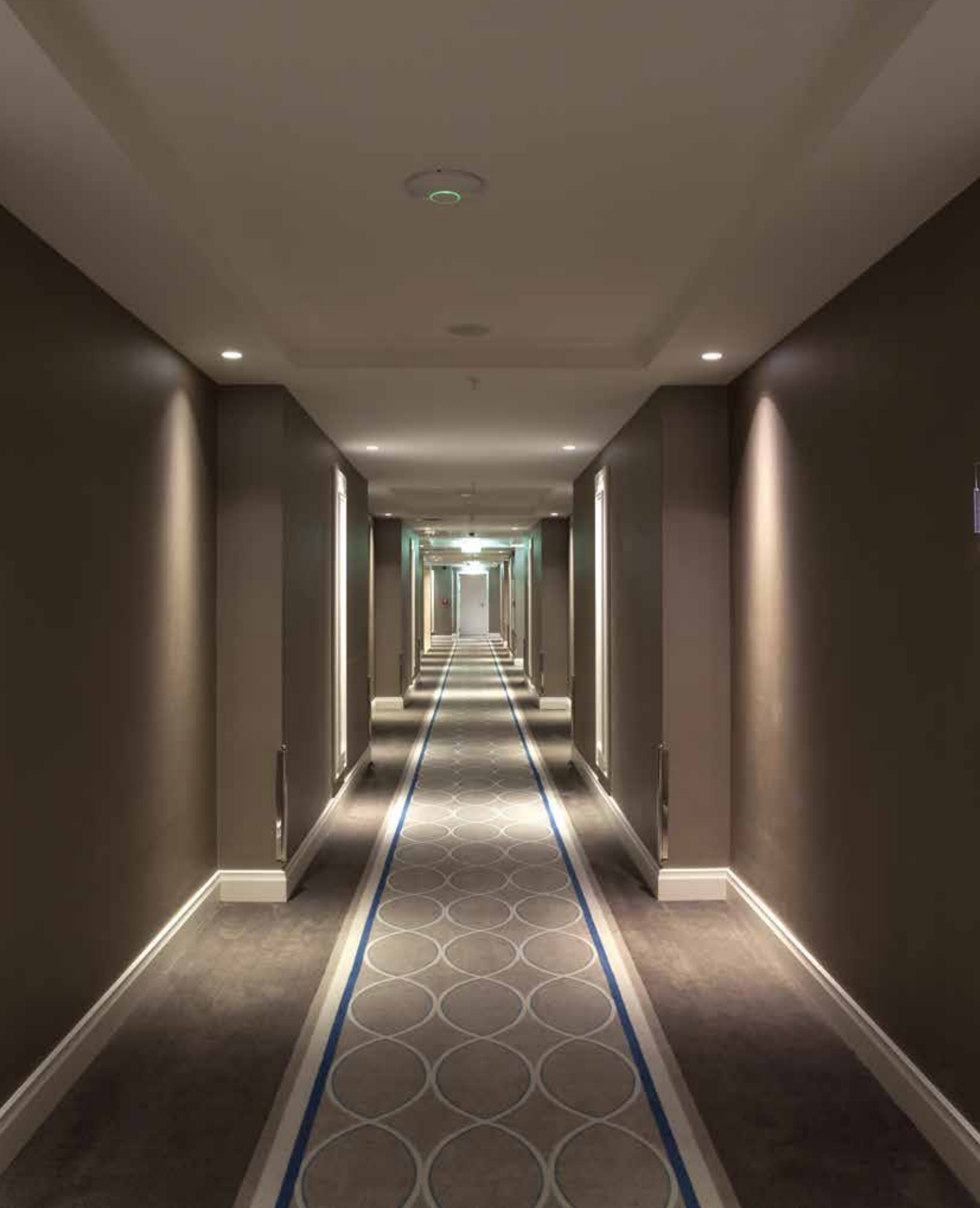


Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL17-3-10W	3"	10W	110mmx110mmx39mm	Ø 90-95mm	3000K 4000K 5000K	1070LM
	LB-DL17-6-18W	6"	18W	190mmx190mmx43.5mm	Ø 160-170mm	3000K 4000K 5000K	2070LM
	LB-DL17-8-25W	8"	25W	228mmx228mmx43.5mm	Ø 200-210mm	3000K 4000K 5000K	3000LM

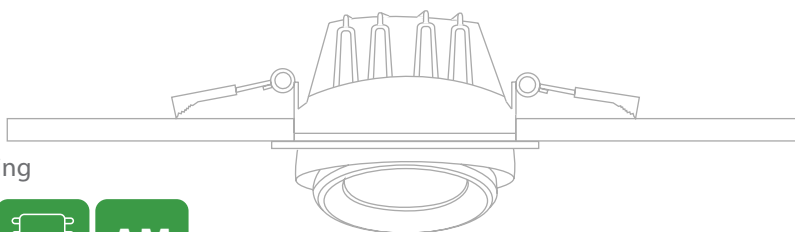


LED SPOTLIGHTS



DL20 SERIES LED Spotlights

- 24° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Adjustable eyeball mechanism
- Creates a beautiful hourglass shape
- Ideal for ambient, decorative, task, and accent lighting



Energy Savings	Maintenance Savings	Vivid Colour	Lifespan	CRI (Ra)	24° Beam Angle	COB LED Chip	Adjustable Mechanism
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Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL20-2.5-7W	2.5"	7W	Ø 81mmx54mm	Ø 68-74mm	2700K 4000K 5000K	540LM



DL21 SERIES LED Spotlights

- 36° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Adjustable eyeball mechanism (LB-DL21A-3-13W & LB-DL21C-2.5-8W)
- Ideal for ambient, decorative, task, and accent lighting

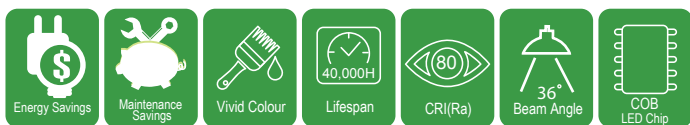
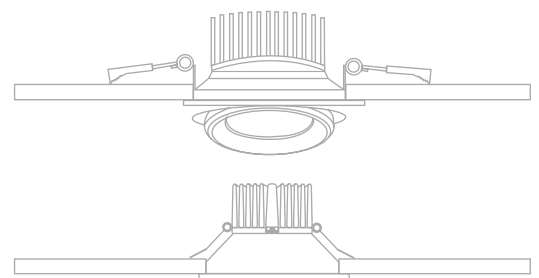


Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL21A-3-13W	3"	13W	Ø 110mmx49.5mm	Ø 90-95mm	3000K 4000K 5000K	1350LM
	LB-DL21B-3-13W	3"	13W	Ø 110mmx64.3mm	Ø 90-95mm	3000K 4000K 5000K	1350LM
	LB-DL21C-2.5-8W	2.5"	8W	Ø 80mmx80mm	Ø 68-72mm	3000K 4000K 5000K	720LM
	LB-DL21D-2.5-8W	2.5"	8W	Ø 80mmx80mm	Ø 68-72mm	3000K 4000K 5000K	720LM



DL22 SERIES LED Spotlights

- 24°/45° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Adjustable eyeball mechanism
- Ideal for ambient, decorative, task, and accent lighting

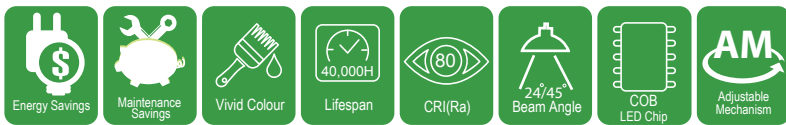
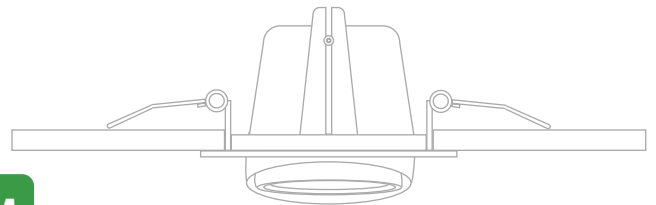


Photo	Model	Size	Beam Angle	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL22-2.5-10W	2.5"	24°	10W	Ø 96mmx68mm	Ø 85-90mm	2700K 4000K 5000K	800LM
	LB-DL22-6-35W	6"	45°	35W	Ø 180mmx128.5mm	Ø 165-170mm	2700K 4000K 5000K	3550LM
	LB-DL22-6-45W	6"	45°	45W	Ø 180mmx128.5mm	Ø 165-170mm	2700K 4000K 5000K	4350LM



DL23 SERIES LED Spotlights

- 60° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Stainless-steel look
- Adjustable eyeball mechanism
- Ideal for ambient, decorative, task, and accent lighting

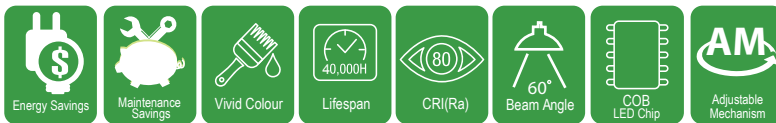
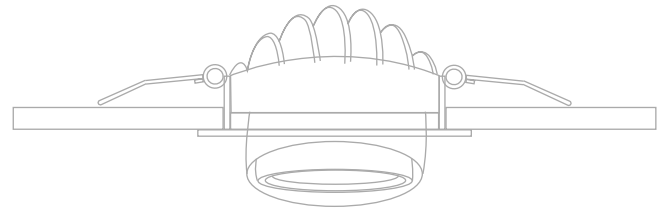





Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL23-2.5-13W	2.5"	13W	Ø 96mmx67mm	Ø 85-88mm	3000K 4000K 5000K	945LM
	LB-DL23-6-25W	6"	25W	Ø 180mmx100mm	Ø 160-170mm	3000K 4000K 5000K	2550LM
	LB-DL23-6-35W	6"	35W	Ø 180mmx100mm	Ø 160-170mm	3000K 4000K 5000K	3550LM



DL24 SERIES LED Spotlights

- 120° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- IP65 protection
- Adjustable eyeball mechanism
- Ideal for large area ambient, task, decorative, and accent lighting

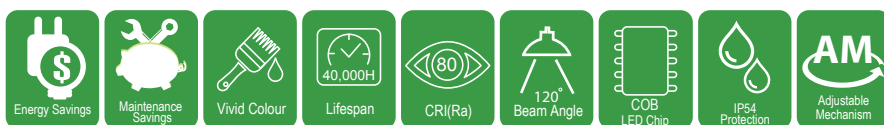
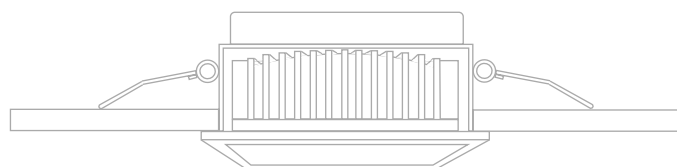




Photo	Model	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL24-35W	35W	235mmx145mmx117.4mm	220x130mm	3000K 4000K 5000K	2750LM
	LB-DL24-45W	45W	235mmx145mmx117.4mm	220x130mm	3000K 4000K 5000K	3500LM



DL30 SERIES LED Spotlights

- 36° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Adjustable gimbal mechanism
- Ideal for ambient, decorative, task, and accent lighting

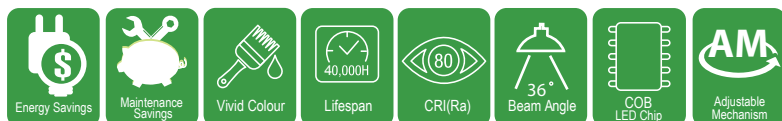
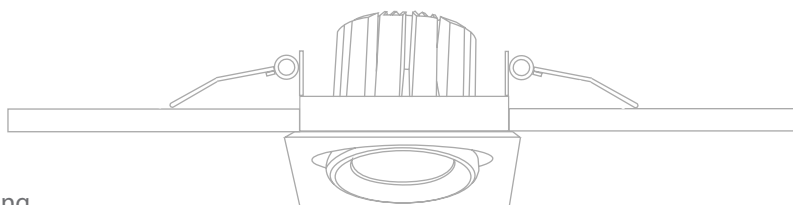


Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL30-S-30W	Single	30W	175mmx175mmx110mm	160x160mm	2700K 4000K 5000K	2850LM
	LB-DL30-D-60W	Double	60W	330mmx175mmx110mm	310x160mm	2700K 4000K 5000K	5035LM
	LB-DL30-T-90W	Triple	90W	475mmx175mmx110mm	455x160mm	2700K 4000K 5000K	8550LM



DL30B SERIES LED Spotlights

- 36° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Adjustable gimbal mechanism
- Ideal for ambient, decorative, task, and accent lighting

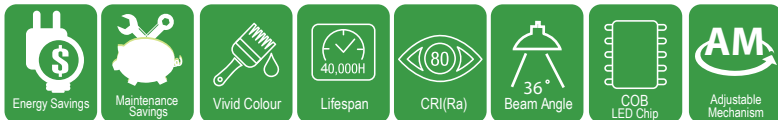
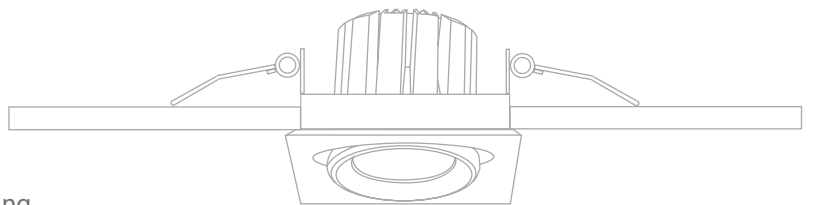
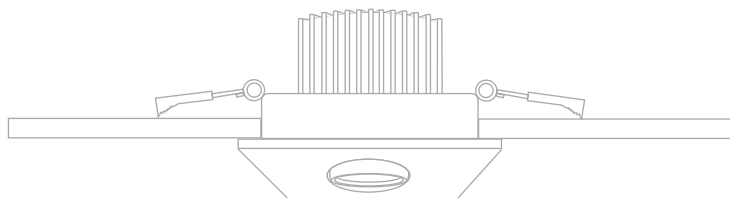



Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL30B-S-30W	Single	30W	175mmx175mmx110mm	160x160mm	3000K 4000K 5000K	2850LM
	LB-DL30B-D-60W	Double	60W	330mmx175mmx110mm	310x160mm	3000K 4000K 5000K	5035LM
	LB-DL30B-T-90W	Triple	90W	475mmx175mmx110mm	455x160mm	3000K 4000K 5000K	8550LM




DL31 SERIES LED Spotlights

- 38° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Adjustable gimbal mechanism
- Ideal for ambient, decorative, task, and accent lighting







Energy Savings




Maintenance Savings




Vivid Colour




Lifespan




CRI (Ra)



38° Beam Angle



COB LED Chip



Adjustable Mechanism

Photo	Model	Size	Wattage	Dimension	Cutout Size	Colour Temp	Luminous Flux
	LB-DL31-S-10W	Single	10W	110mmx110mmx63mm	90x90mm	2700K 4000K 5000K	820LM
	LB-DL31-D-20W	Double	20W	200mmx110mmx63mm	180x90mm	2700K 4000K 5000K	1650LM
	LB-DL31-T-30W	Triple	30W	290mmx110mmx63mm	270x90mm	2700K 4000K 5000K	2400LM



DL40 SERIES LED Spotlights

- 45° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Improved beautiful step-head design
- Adjustable mechanism
- Ideal for ambient, decorative, task, and accent lighting

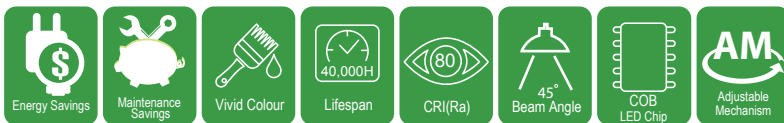
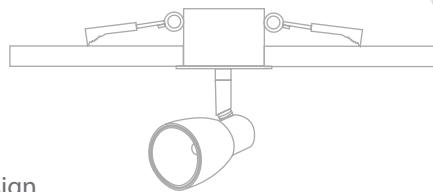
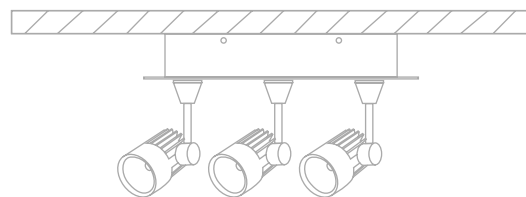
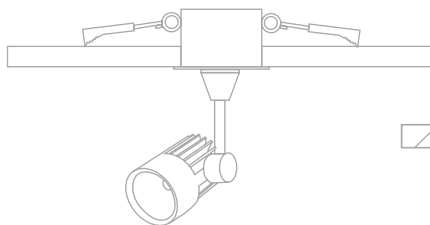


Photo	Model	Size	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-DL40-S-10W	Single	10W	97mmx97mmx152mm	3000K 4000K 5000K	800LM
	LB-DL40-D-20W	Double	20W	380mmx97mmx152mm	3000K 4000K 5000K	1600LM
	LB-DL40-T-30W	Triple	30W	610mmx97mmx152mm	3000K 4000K 5000K	2400LM



DL41 SERIES LED Spotlights

- 36° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Solid tornado-head design
- Adjustable mechanism
- Ideal for ambient, decorative, task, and accent lighting



Energy Savings



Maintenance Savings



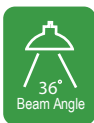
Vivid Colour



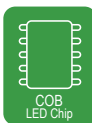
Lifespan



CRI(Ra)






36°
Beam Angle



COB
LED Chip



Adjustable
Mechanism

Photo	Model	Size	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-DL41-S-10W	Single	10W	97mmx97mmx190mm	3000K 4000K 5000K	800LM
	LB-DL41-D-20W	Double	20W	380mmx97mmx190mm	3000K 4000K 5000K	1600LM
	LB-DL41-T-30W	Triple	30W	610mmx97mmx190mm	3000K 4000K 5000K	2400LM



DL42B SERIES LED Spotlights

- 24° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Modern octagon-shaped head
- Adjustable mechanism
- Ideal for ambient, decorative, task, and accent lighting

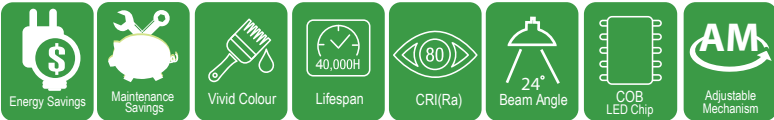
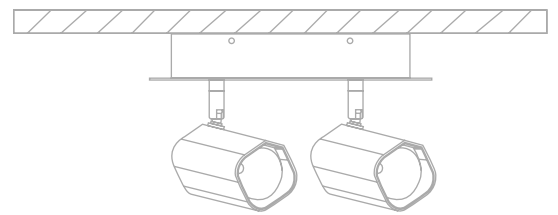
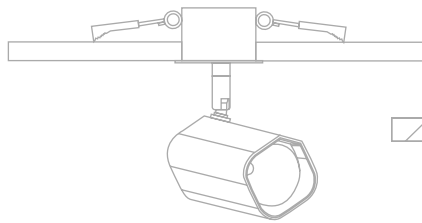

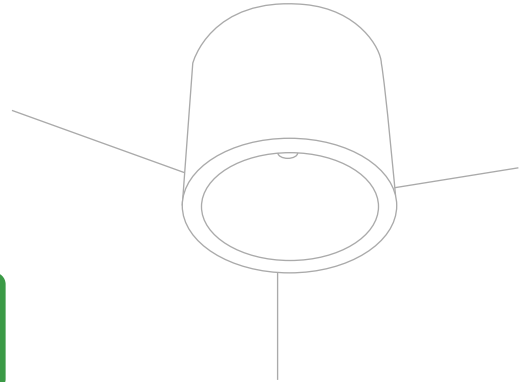


Photo	Model	Size	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-DL42B-S-10W	Single	10W	140mmx80mmx165mm	3000K 4000K 5000K	840LM
	LB-DL42B-D-20W	Double	20W	251mmx81mmx165mm	3000K 4000K 5000K	1680LM
	LB-DL42B-T-30W	Triple	30W	370mmx81mmx165mm	3000K 4000K 5000K	2520LM



LED CEILING LIGHTS



CL10/10B SERIES LED Ceiling Lights

- 60° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- IP54 protection
- Ideal for commercial and residential applications, including those dusty and humid areas such as kitchens and bathrooms

Energy Savings

Maintenance Savings

Vivid Colour

Lifespan

CRI (Ra)

60° Beam Angle

COB LED Chip

IP54 Protection

Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-CL10-10W	10W	Ø 90mmx100mm	3000K	890LM
	LB-CL10B-10W			4000K 5000K	
	LB-CL10-25W	25W	Ø 120mmx110mm	3000K	2370LM
	LB-CL10B-25W			4000K 5000K	
	LB-CL10-35W	35W	Ø 160mmx120mm	3000K	3430LM
	LB-CL10B-35W			4000K 5000K	



CL11 SERIES LED Ceiling Lights

- 90° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- IP54 protection
- Ideal for commercial and residential applications, including those dusty and humid areas such as kitchens and bathrooms

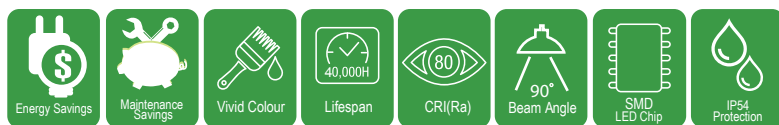
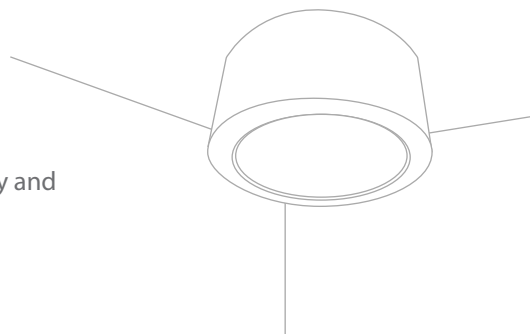


Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-CL11-8W	8W	Ø 100mmx60mm	3000K 4000K 5000K	740LM
	LB-CL11-12W	12W	Ø 150mmx68mm	3000K 4000K 5000K	1140LM
	LB-CL11-18W	18W	Ø 170mmx68mm	3000K 4000K 5000K	1780LM



CL12 SERIES LED Ceiling Lights

- 90° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- IP54 protection
- Ideal for commercial and residential applications, including those dusty and humid areas such as kitchens and bathrooms

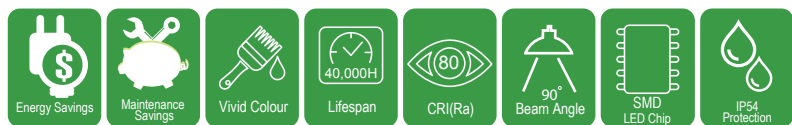
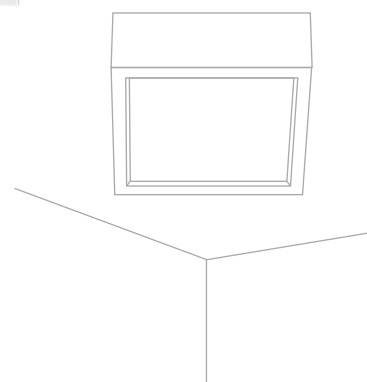





Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-CL12-8W	8W	100mmx100mmx59mm	3000K 4000K 5000K	700LM
	LB-CL12-15W	15W	150mmx150mmx59mm	3000K 4000K 5000K	1365LM
	LB-CL12-18W	18W	170mmx170mmx59mm	3000K 4000K 5000K	1692LM



CL13 SERIES LED Ceiling Lights

- 120° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- IP54 protection
- Ideal for commercial and residential applications, including those dusty and humid areas such as kitchens and bathrooms

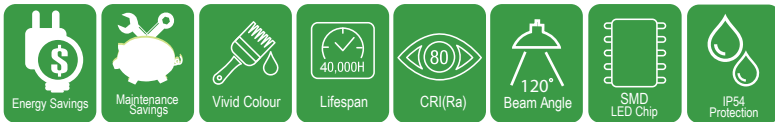





Photo	Model	Size	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-CL13-8-12W	8"	12W	Ø200mmx48mm	3000K 4000K 5700K	1120LM
	LB-CL13-12-25W	12"	25W	Ø300mmx40mm	3000K 4000K 5700K	2180LM
	LB-CL13-16-30W	16"	30W	Ø400mmx52mm	3000K 4000K 5700K	2500LM



CL14 SERIES LED Ceiling Lights

- 120° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- IP54 protection
- Ideal for commercial and residential applications, including those dusty and humid areas such as kitchens and bathrooms



Energy Savings

Maintenance Savings

Vivid Colour


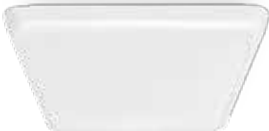
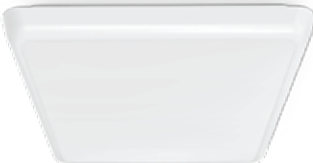
Lifespan

CRI(Ra)

120° Beam Angle

SMD LED Chip

IP54 Protection

Photo	Model	Size	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-CL14-10-12W	10"	12W	250mmx250mmx50mm	3000K 4000K 5700K	1050M
	LB-CL14-12-25W	12"	25W	300mmx300mmx40mm	3000K 4000K 5700K	2160LM
	LB-CL14-14-25W	14"	25W	350mmx350mmx41mm	3000K 4000K 5700K	2380LM



CL20/20B SERIES LED Ceiling Lights

- 60° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Can be used as a pendant light
- Ideal for general, task, and decorative lighting

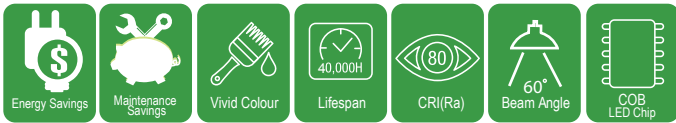
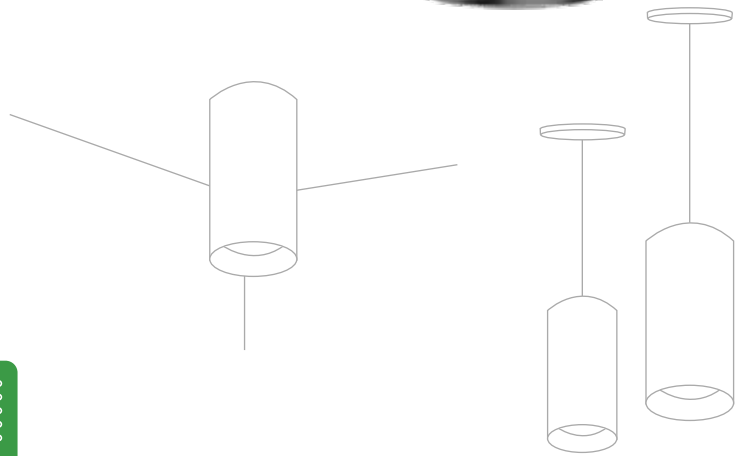





Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-CL20-10W	10W	Ø 80mmx130mm	3000K	770LM
	LB-CL20B-10W			4000K 5700K	
	LB-CL20-18W	18W	Ø 80mmx160mm	3000K	1380LM
	LB-CL20B-18W			4000K 5700K	
	LB-CL20-25W	25W	Ø 102.5mmx160mm	3000K	1890LM
	LB-CL20B-25W			4000K 5700K	



CL21SERIES LED Ceiling Lights

- 120° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- Can be used as a pendant light (CL21P series)
- Ideal for general, task, and decorative lighting

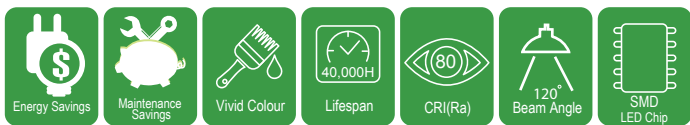
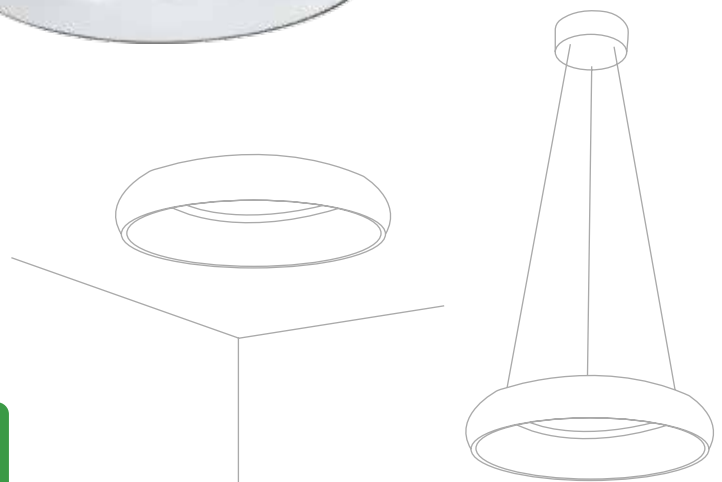




Photo	Model	Size	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-CL21-12-25W	12"	25W	Ø298mmx51mm	3000K 4000K 5700K	2000LM
	LB-CL21-16-35W	16"	35W	Ø400mmx68mm	3000K 4000K 5700K	3200LM



LED TRACK LIGHTS



TL10 SERIES LED Track Lights

- 45° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- 2-wire/3-wire/4-wire
- CREE LED chip
- Improved beautiful step-head design
- Ideal for contemporary ambient, decorative, task, and accent lighting



Energy Savings	Maintenance Savings	Vivid Colour	Lifespan	CRI(Ra)	Beam Angle	COB LED Chip	Adjustable Mechanism	CREE Chip
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Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-TL10-10W	10W	102mmx97.5mmx145mm	2700K 4000K 5000K	800LM



TL20 SERIES LED Track Lights

- 36° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- 2-wire/3-wire/4-wire
- CREE LED chip
- Solid tornado-head design
- Ideal for contemporary ambient, decorative, task, and accent lighting



Energy Savings	Maintenance Savings	Vivid Colour	Lifespan	CRI(Ra)	36° Beam Angle	COB LED Chip	Adjustable Mechanism	CREE Chip
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Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-TL20-10W	10W	162mmx102mmx85mm	2700K 4000K 5000K	860LM



TL30/TL30B SERIES LED Track Lights

- 24° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 80
- 2-wire/3-wire/4-wire
- CREE LED chip
- Modern octagon-shaped head
- Ideal for contemporary ambient, decorative, task, and accent lighting

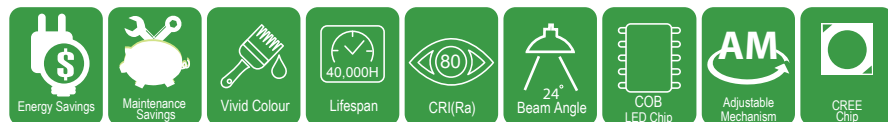
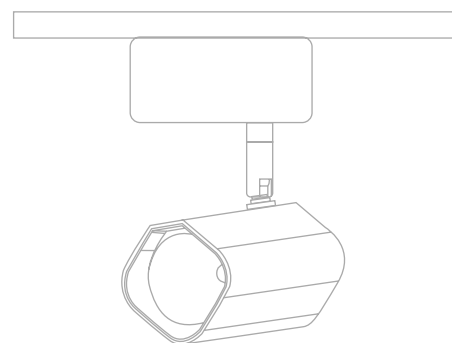


Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-TL30-10W	10W	140mmx80mmx177mm	3000K	840LM
	LB-TL30B-10W			4000K	
	LB-TL30-20W	20W	250mmx80mmx177mm	3000K	1680LM
	LB-TL30B-20W			4000K	
	LB-TL30-30W	30W	370mmx80mmx177mm	3000K	2520LM
	LB-TL30B-30W			4000K	



TL40/TL40B SERIES LED Track Lights

- 30°/45° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 90
- 2-wire/3-wire/4-wire
- CREE LED chip (CRI ≥90)
- Beautiful oval-shaped head
- Ideal for contemporary ambient, decorative, task, and accent lighting

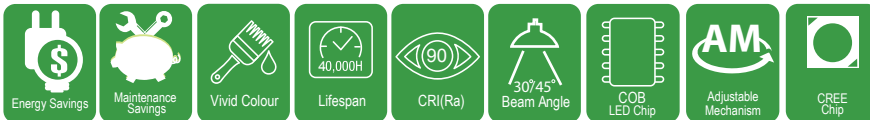


Photo	Model	Beam Angle	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-TL40-12W	30°	12W	126.5mmx104mmx194mm	2700K	960LM
	LB-TL40B-12W				4000K 5000K	
	LB-TL40-25W	45°	25W	141mmx121mmx201mm	2700K	2140LM
	LB-TL40B-25W				4000K 5000K	
	LB-TL40-35W	45°	35W	161mmx131mmx234mm	2700K	2920LM
	LB-TL40B-35W				4000K 5000K	
	LB-TL40-45W	45°	45W	161mmx131mmx234mm	2700K	3700LM
	LB-TL40B-45W				4000K 5000K	



TL41 SERIES LED Track Lights

- 45° beam angle
- Lifespan: 40,000 hours
- CRI ≥ 90
- 2-wire/3-wire/4-wire
- CREE LED chip (CRI ≥90)
- Solid square head
- Ideal for contemporary ambient, decorative, task, and accent lighting

Energy Savings

Maintenance Savings

Vivid Colour

Lifespan

CRI(Ra)

45° Beam Angle

COB LED Chip

Adjustable Mechanism

CREE Chip

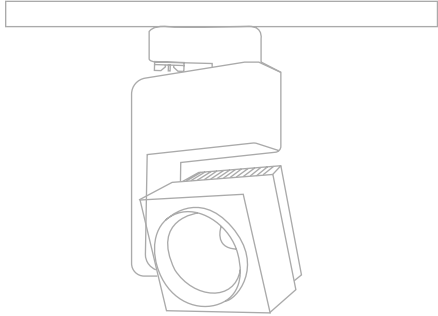


Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-TL41-25W	25W	110mmx81mmx233mm	2700K 4000K 5000K	1750LM



LED PANEL LIGHTS



PL10 SERIES LED Panel Lights

- 120° beam angle
- CRI ≥ 80
- Lifespan: 50,000 hours
- Soft, comfortable, and uniform light
- Ideal for offices, classrooms, auditoriums, and hotels

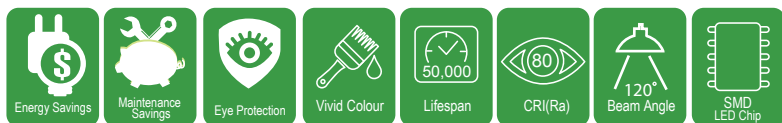
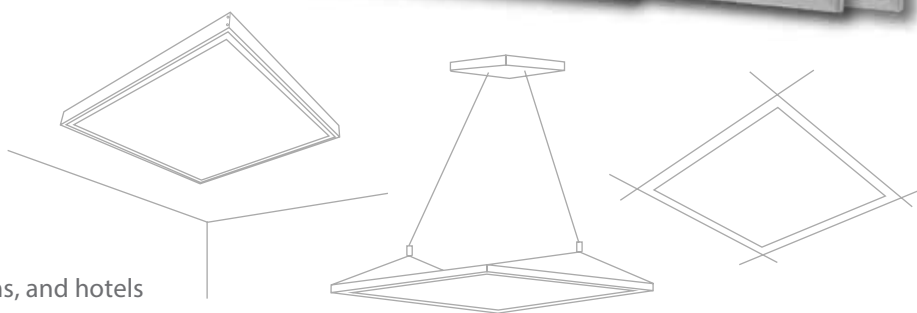


Photo	Model	Size	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-PL10-3030-18W	30x30cm	18W	295mmx295mmx10mm	3000K 4000K 5000K	1600LM
	LB-PL10-3060-36W	30x60cm	36W	295mmx595mmx10mm	3000K 4000K 5000K	3240LM
	LB-PL10-6060-36W	60x60cm	36W	595mmx595mmx10mm	3000K 4000K 5000K	3240LM
	LB-PL10-6060-40W	60x60cm	40W	595mmx595mmx10mm	3000K 4000K 6000K	4000LM
	LB-PL10-30120-40W	30x120cm	40W	295mmx1195mmx10mm	3000K 4000K 6000K	4000LM
	LB-PL10-60120-72W	60x120cm	72W	595mmx1195mmx10mm	3000K 4000K 6000K	7200LM



PL20 SERIES LED Panel Lights

- 120° beam angle
- CRI ≥ 80
- Lifespan: 50,000 hours
- Soft, comfortable, and uniform light
- Ideal for offices, classrooms, auditoriums, and hotels

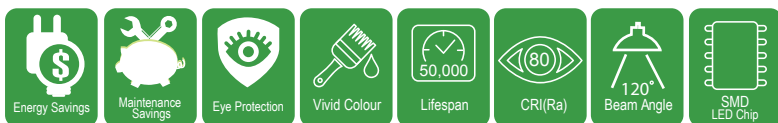




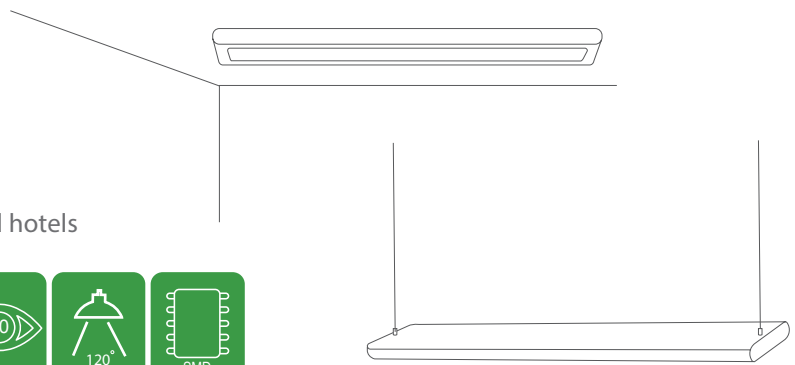


Photo	Model	Size	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-PL20-30-18W	Ø30cm	18W	Ø300mmx12mm	3000K 4000K 5700K	1560LM
	LB-PL20-40-25W	Ø40cm	25W	Ø400mmx12mm	3000K 4000K 5700K	2170LM
	LB-PL20-50-35W	Ø50cm	35W	Ø500mmx12mm	3000K 4000K 5700K	2460LM
	LB-PL20-60-40W	Ø60cm	45W	Ø600mmx12mm	3000K 4000K 5700K	3040LM



PL30 SERIES LED Panel Lights

- 120° beam angle
- Lifespan: 50,000 hours
- CRI ≥ 80
- Soft, comfortable, and uniform light
- Ideal for offices, classrooms, auditoriums, and hotels



Energy Savings

Maintenance Savings

Eye Protection

Vivid Colour

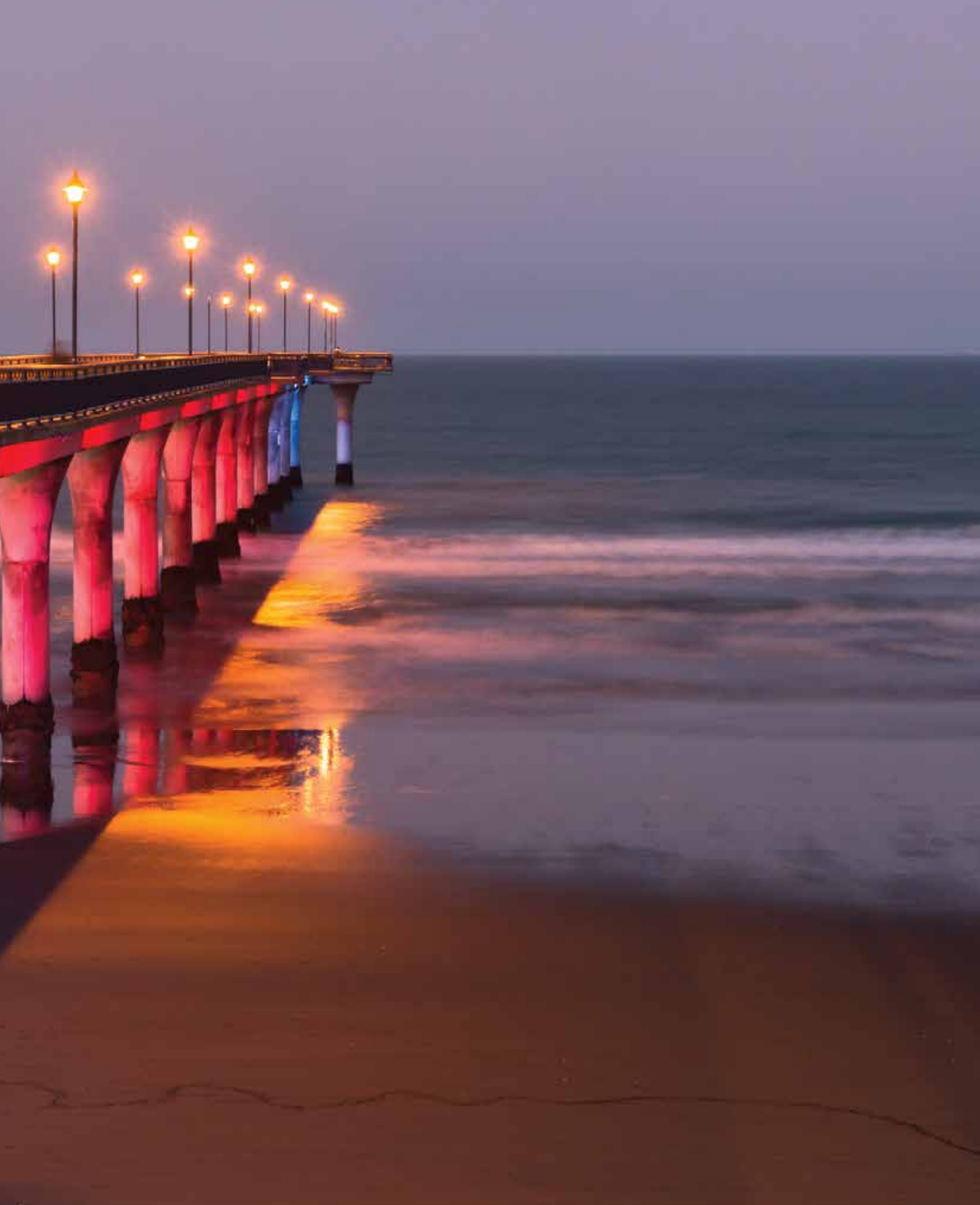
Lifespan
50,000H

CRI(Ra)

120°
Beam Angle

SMD
LED Chip

Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-PL30-0990-30W	30W	90mmx900mmx30mm	3000K 4000K 5000K	2610LM
	LB-PL30-09120-40W	40W	90mmx1200mmx30mm	3000K 4000K 5000K	3450LM



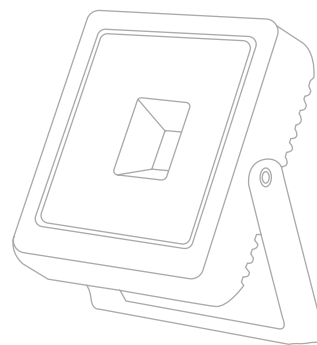
LED FLOOD LIGHTS





FL10 SERIES LED Flood Lights

- 120° beam angle
- Lifespan: 30,000 hours
- CRI ≥ 70
- IP66 protection
- Rugged design for outdoor applications
- Ideal for outdoor environments such as sports fields, streets, parking lots, sign boards, warehouses, and many other places



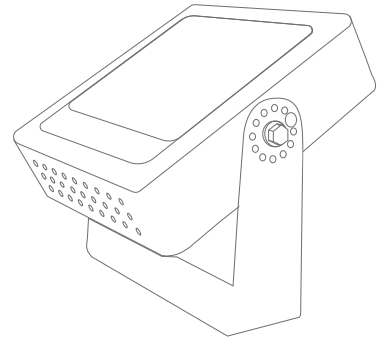
Energy Savings	Maintenance Savings	Lifespan	CRI (Ra)	120° Beam Angle	COB LED Chip	IP66 Protection
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Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-FL10-10W	10W	163mmx43mmx42mm	3000K 4000K 5000K	1150LM
	LB-FL10-30W	30W	287mmx238mmx48mm	3000K 4000K 5000K	3750LM
	LB-FL10-50W	50W	350mmx281mmx59mm	3000K 4000K 5000K	5750LM



FL20 SERIES LED Flood Lights

- 120° beam angle
- Lifespan: 50,000 hours
- CRI ≥ 70
- IP65 protection
- Rugged design for outdoor applications
- Widest input voltage range (100 to 277VAC)
- Ideal for sports fields, streets, parking lots, sign boards, warehouses, etc



Energy Savings

Maintenance Savings



Lifespan

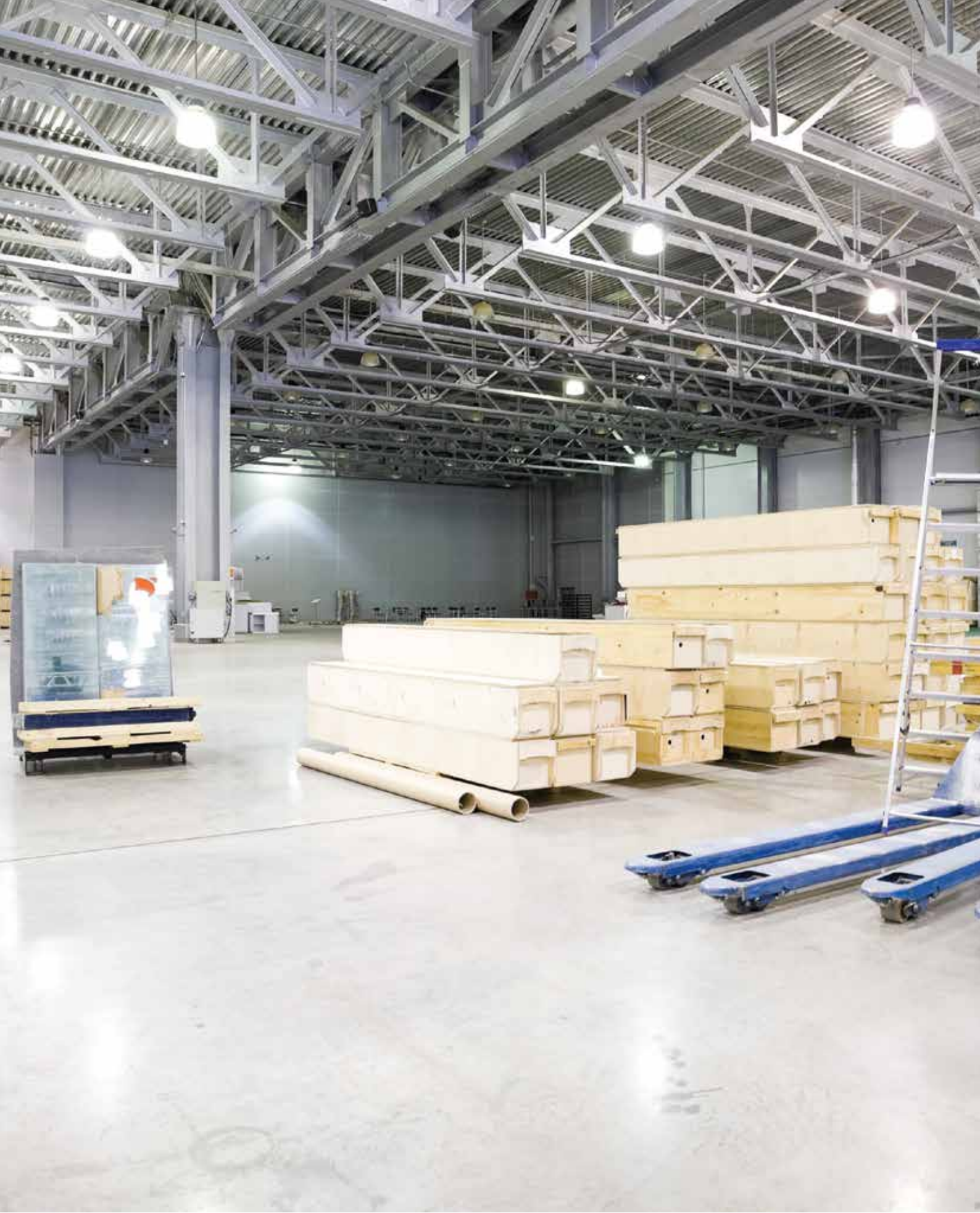
CRI(Ra)

120° Beam Angle

COB LED Chip

IP65 Protection

Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-FL20-50W	50W	280mmx269mmx74mm	3000K 4000K 5000K	5750LM
	LB-FL20-90W	90W	280mmx269mmx74mm	3000K 4000K 5000K	10350LM

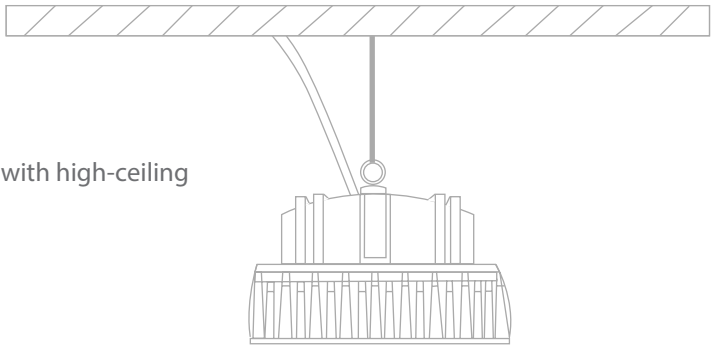


LED HIGH-BAY LIGHTS



HB05 SERIES LED High-Bay Lights

- 120° beam angle
- Lifespan: 50,000 hours
- CRI ≥ 70
- IP65 protection
- Rugged design
- Ideal for general, task, and accent lighting, especially those with high-ceiling



Energy Savings

Maintenance Savings

Lifespan

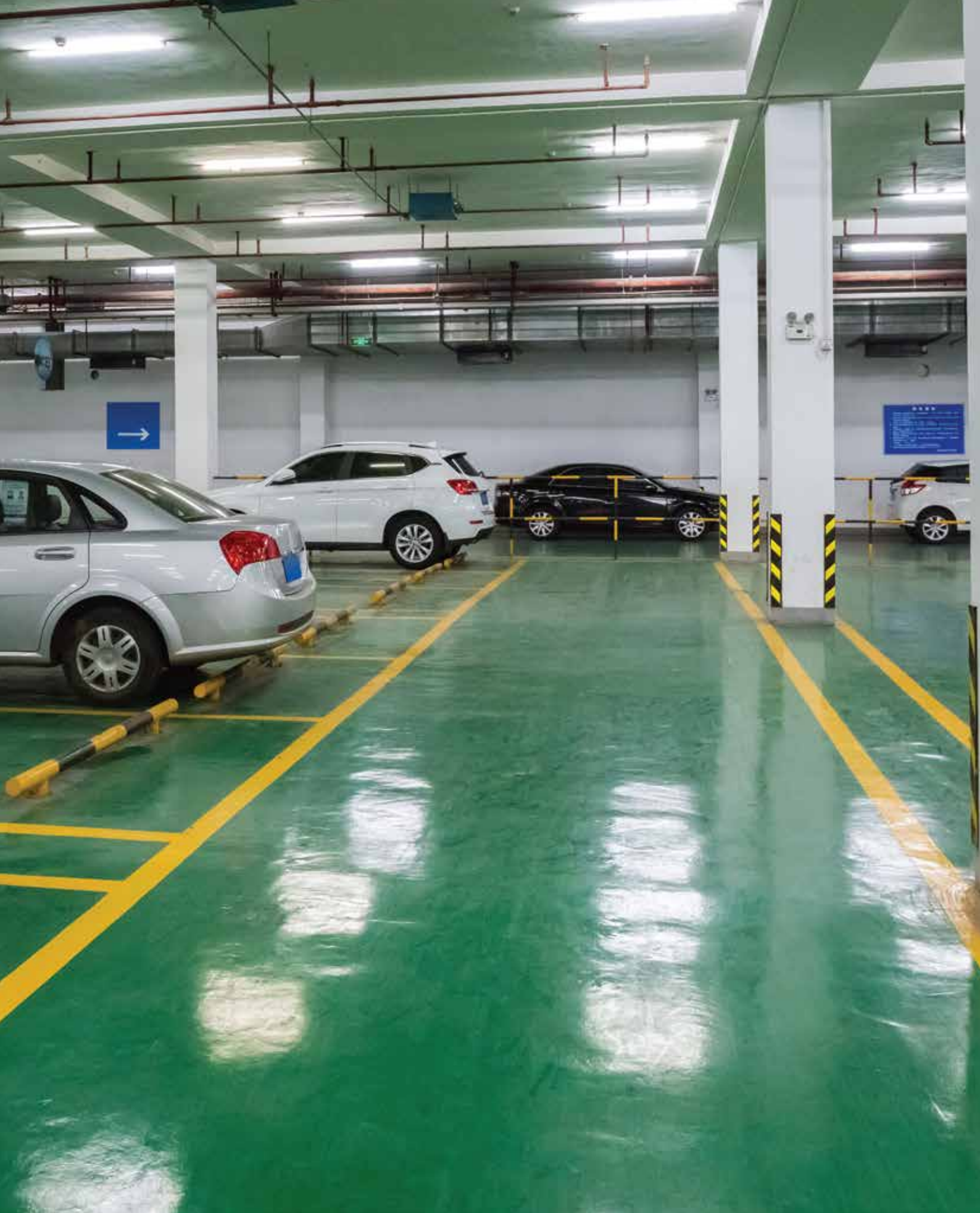
CRI (Ra)

120°
Beam Angle

SMD
LED Chip

IP65
Protection

Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-HB05-100W	100W	240mmx240mmx192mm	3000K 4000K 5000K	13000LM
	LB-HB05-200W	200W	240mmx240mmx207mm	3000K 4000K 5000K	26000LM



LED BATTEN LIGHTS



BT10 SERIES LED Batten Light

- 140° beam angle
- Lifespan: 50,000 hours
- CRI ≥ 80
- Rugged design with IP66 protection
- Ideal for parking lots, warehouses, workshops, supermarkets, and underground areas

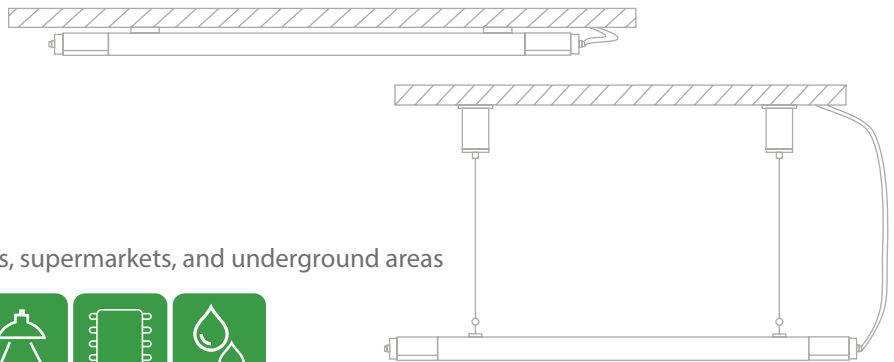
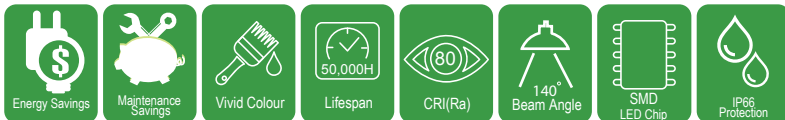
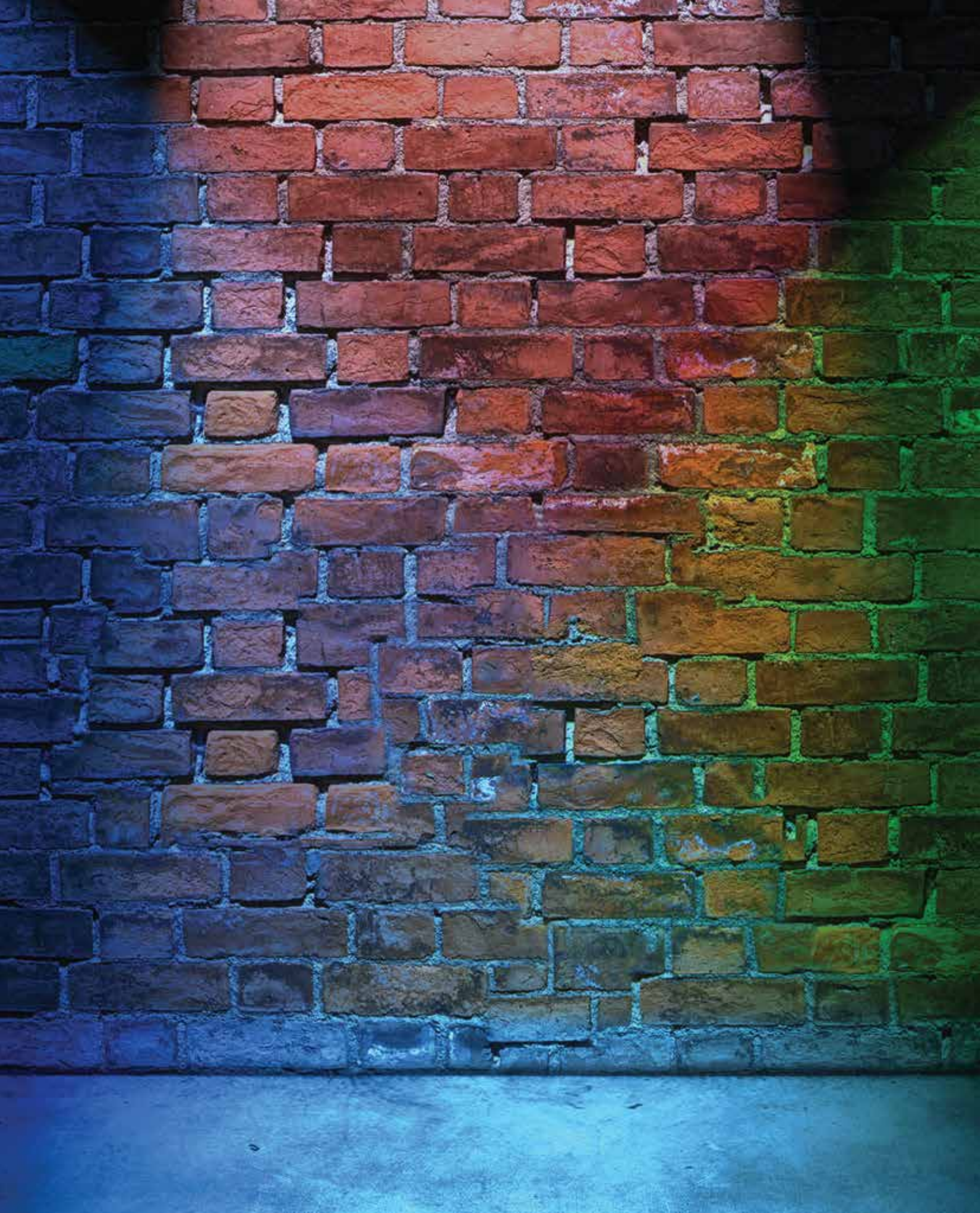


Photo	Model	Wattage	Dimension	Colour Temp	Luminous Flux
	LB-BT10-70-20W	20W	700mmx78mmx53mm	3000K 4000K 5000K	2300LM
	LB-BT10-130-40W	40W	1300mmx78mmx53mm	3000K 4000K 5000K	4600LM
	LB-BT10-160-50W	50W	1600mmx78mmx53mm	3000K 4000K 5000K	5750LM

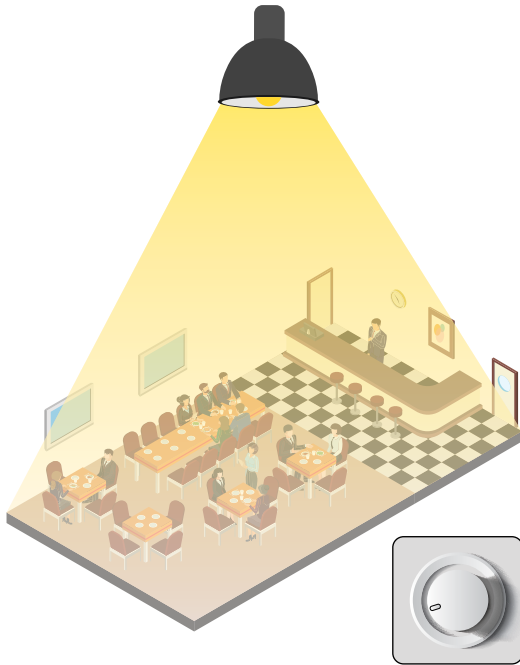


SMART LIGHTING

SMART RESTAURANT (Smart-DIM I)

Lighting for restaurants is an art in itself. The options for restaurant lighting range from a romantic candlelit setting at one end of the spectrum, to a brightly lit, ultra-modern affair at the other. Moreover, the atmosphere may be something that you wish to change throughout the day; for example, the ambiances at breakfast, lunch, afternoon tea, and dinner should all be different. A good customer experience is always the overriding aim for every restaurant and restaurateur, and lighting plays an important role in ensuring that aim is achieved. However, sadly to say, the vast majority of today's restaurants can't make adjustments to their lighting, other than to just turn it on or off.

Energy costs are another problem of today's restaurant lighting, the lack of energy efficacy for conventional lighting systems in restaurants presents significant challenges.



Smart-DIM I: The Answer to Restaurants' Needs

The Smart-DIM I offers a new generation of lighting to make restaurants a better dining and working environment, and to give guests a better customer experience than ever before.

First, the Smart-DIM I incorporates LEDbay's CL13 and DL10 series of LED ceiling and downlights, which deliver comfortable and shadow-free light, and are flicker- and glare-free. These are important for all users, and particularly for any employees working long hours in the restaurant. In addition, the CL13 and DL10 series of LED ceiling and downlights feature IP54 protection and are suitable for humid areas like restaurants and kitchens.

Second, from warm white to daylight, the Smart-DIM I system allows you to change lighting colours for different types of activities that take place in a restaurant, such as dining, parties, and cleaning. Moreover, you'll also be able to utilise the system as a tool to create a desired atmosphere for your guests, whether it be romantic, comfortable, or energetic.

Third, the Smart-DIM I system allows you to adjust brightness and create an ideal ambience and atmosphere for breakfast, lunch, afternoon tea, and dinner, dramatically improving the guest experience at your restaurant.

Fourth, the Smart-DIM I system's LED lights feature a high Colour Rendering Index (CRI) of 80 or above. This is important for revealing the true colours of the food and making it more appetising to guests.

Lastly, with LEDbay's eco-friendly, power-efficient, and long-lifespan LED products, restaurants enjoy not just great energy savings but also maintenance ease in the long run. With our "lighting on demand" technologies, you get full control of your lighting systems as well as your electricity bills.

Various activities such as lectures, presentations, note taking, and discussions are performed in classrooms, and, more often than not, an ideal atmosphere for these activities is desired for better student involvement and performance. Studies have shown that light colours affect our psychology and mood: cooler colours promote wakefulness and productivity while warmer colours tend to promote relaxation. Adjusting the lighting system in a classroom and creating the right atmosphere for class-related activities is crucial for the success of the activities. However, sadly to say, the vast majority of today's classrooms can't make adjustments to their lighting, other than to just turn it on or off.

Energy costs are another problem in today's classroom lighting systems. It's the second largest expense for schools and universities, after teachers' salaries. The lack of energy efficacy for conventional lighting systems in classrooms brings significant challenges.



Smart-DIM II: The Answer to the Classroom' Needs

The Smart-DIM II offers a new generation of lighting to give students a better learning environment than ever before.

First, the Smart-DIM II incorporates LEDbay's PL10 series of LED panel lights, which deliver comfortable, shadow-free and evenly-distributed uniform light, and they are flicker- and glare-free. These are important for eye protection, especially when students spend long hours in the room reading.

Second, from warm white to daylight, the Smart-DIM II system allows you to change lighting colours for different types of activities, such as lectures, presentations, and discussions. This feature can also be used as a tool to calm students or to get their attention.

Third, the Smart-DIM II system allows you to adjust brightness and create an ideal atmosphere for lectures, note taking, presentations, and discussions, which could dramatically improve student performance.

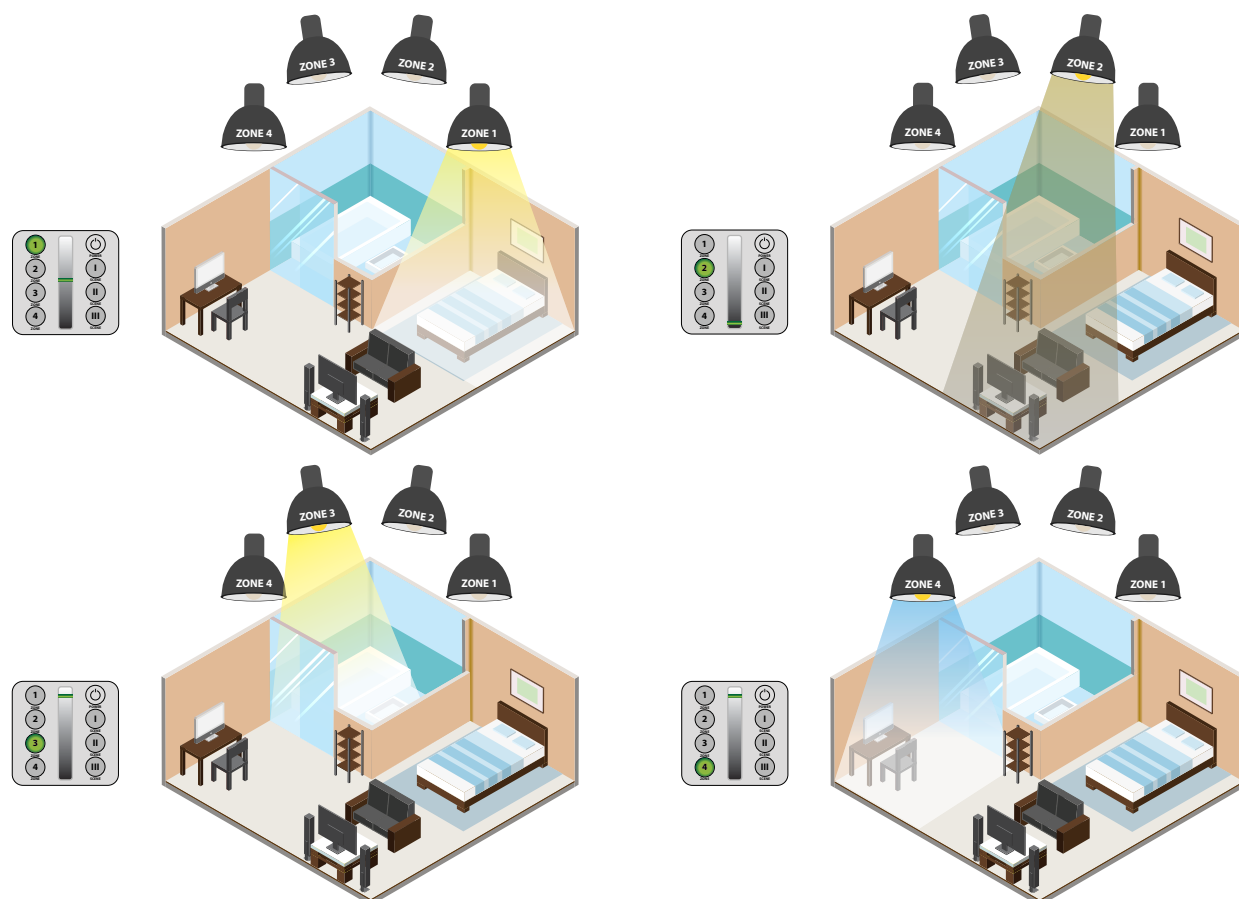
Fourth, the Smart-DIM II system's LED panel lights feature a high Colour Rendering Index (CRI) of 80 or above. This is important for revealing the true colours of objects that are presented in classrooms.

Lastly, with LEDbay's eco-friendly, power-efficient, and long-lifespan LED products, schools and universities enjoy not just great energy savings but also maintenance ease in the long run. With our "lighting on demand" technologies, you get full control of your lighting systems, as well as your electricity bills.

SMART HOTEL ROOM (Smart-Zone)

Lighting for hotels is not just an art or science, but a combination of both. The choice of lighting will affect how your furniture is complemented, how easily your guests can get around your facility, and how comfortable they are with their rooms and other amenities. Hotel rooms should have a great lighting atmosphere and allow guests to adjust room lighting themselves depending on whether they are watching TV, reading, getting dressed, or relaxing. In addition, lighting for hotel rooms should have a layered approach for different parts of the room, such as general lighting for both the room and the bathroom, task lighting for the work desk, and ambient lighting for the TV area. A good customer experience is the ultimate goal for hotel owners, and lighting plays an important role in ensuring that aim is achieved. Unfortunately, the majority of today's hotels can't make adjustments to the lighting, other than to just turn it on or off.

Energy costs are another problem of today's hotel lighting, the lack of energy efficacy for conventional lighting systems in hotels brings significant challenges.



Smart-Zone: The Answer to Hotels' Needs

The Smart-Zone offers a new generation of lighting to make guests more comfortable in their rooms and give them a better customer experience than ever before.

First, the Smart-Zone system incorporates LEDbay's DL10 series of LED downlights, which delivers comfortable, shadow-free light, and are flicker- and glare-free. These are important for all users, and particularly for guests who spend long hours in their rooms. In addition, the DL10 series of LED downlights feature IP54 protection and are suitable for humid areas like bathrooms.

Second, the Smart-Zone system allows you to adjust brightness and create an ideal atmosphere for leisure, entertainment, reading/writing, or work, which could improve the guest experience dramatically.

Third, the Smart-Zone system comes with a Zone/Group feature, which allows you to divide a room into various lighting zones, such as the room, bathroom, work desk, and TV area. Each zone can have its own brightness adjustments and colour temperature settings.

Fourth, the Smart-Zone system comes with a unique Scene feature, with which multiple zone/group settings, e.g. brightness and colour temperature settings for individual zones, can be saved as a scene and be recalled with a single push of a button. This makes the system not only flexible enough to serve various room activities, but also easy to use by the guests.

Lastly, with LEDbay's eco-friendly, power-efficient, and long-lifespan LED products, hotel owners enjoy not just great energy savings but also maintenance ease in the long run. With our "lighting on demand" technologies, you get full control of your lighting systems, as well as your electricity bills.

Conference rooms are the most versatile spaces in the building, accommodating a range of activities from prestigious customer meetings and multimedia presentations to creative brainstorming. An ideal atmosphere for these important activities is desired for better business performance. Studies have shown that light colours affect our psychology and mood: cooler colours promote wakefulness and productivity, while warmer colours tend to promote relaxation. Adjusting the lighting colour in a conference room and creating the right atmosphere for conference-related activities is crucial for the success of a business. Moreover, the lighting system in a conference room should allow users to adjust brightness for different types of activities, such as opening, reading, writing, presenting, and discussions. However, sadly to say, the vast majority of today's conference rooms can't make adjustments to their lighting, other than to just turn it on or off.



Smart-Zone: The Answer to Conference Rooms' Needs

The Smart-Zone offers a new generation of lighting to meet the stringent requirements of modern conference rooms and make them a better place for business gatherings than ever before.

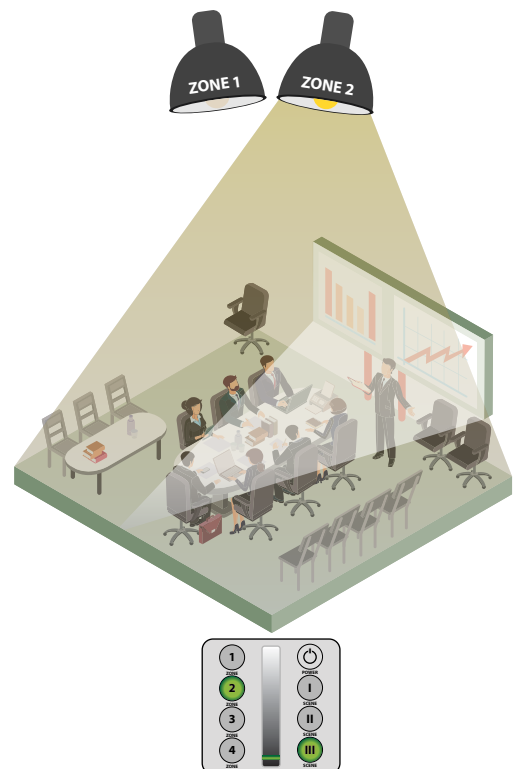
First, the Smart-Zone incorporates LEDbay's DL10 series of LED downlights, which delivers comfortable, shadow-free light, and are flicker- and glare-free. These are important for all users, and particularly for users who spend long hours in a conference room.

Second, the Smart-Zone system allows you to adjust brightness and create optimal light for various types of activities, such as opening, reading, writing, presenting, and discussions.

Third, the Smart-Zone system comes with a Zone/Group feature, which allows you to divide a room into various lighting zones and layers, such as ambient, general, and task lighting. Each zone can have its own brightness adjustments and colour temperature settings.

Fourth, the Smart-Zone system comes with a unique Scene feature, with which multiple zone/group settings, e.g. brightness and colour temperature settings for individual zones, can be saved as a scene and be recalled with a single push of a button. This makes the system not only flexible enough to serve various conference room activities, but also easy to use by the users.

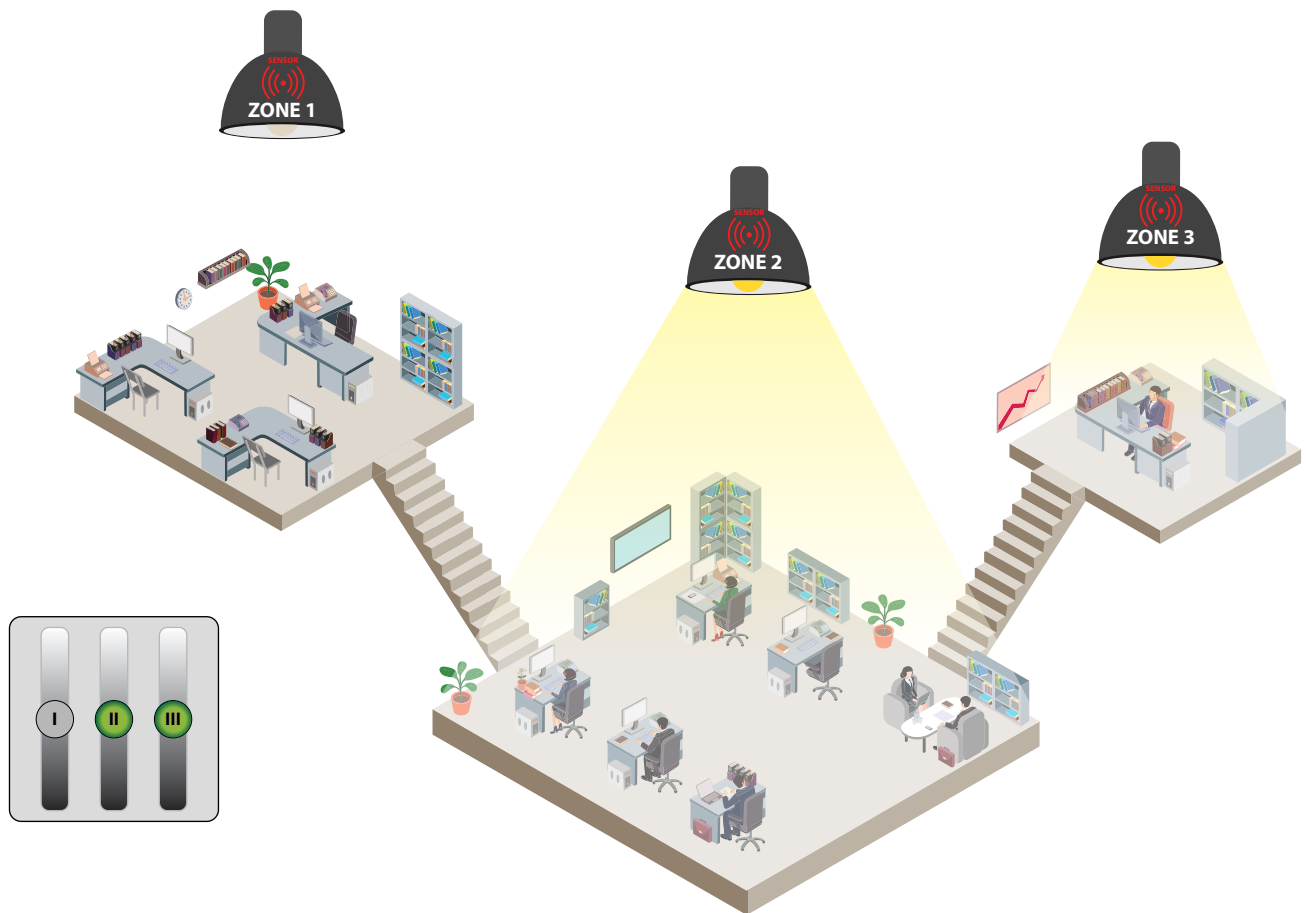
Lastly, with LEDbay's eco-friendly, power-efficient, and long-lifespan LED products, business owners enjoy not just great energy savings but also maintenance ease in the long run. With our "lighting on demand" technologies, you get full control of your lighting systems, as well as your electricity bills.



SMART OFFICE (Intelli-Office)

Your company office is where strategies are developed, targets reached, and goals realised. For that to happen, it is important to create an environment that encourages interaction, creativity, productivity, and stimulation. Getting the lighting right in your office is crucial for developing a prosperous business, and can literally be the difference between success and failure. More importantly, lighting is an essential provision for workplace safety. Poor lighting may affect employees' health and performance, and is more likely to increase the chances of errors being made. On the other hand, good lighting with the perfect colour temperature, sufficient brightness, and uniform light not only improves productivity and creativity but also helps employees to see and recognise hazards and reduces visual strain and discomfort, which in turn improves employees' overall performance and well-being. Unfortunately, the vast majority of today's offices are either too dark or too bright, and it can't make any adjustments to the lighting, other than to just turn it on or off.

Lighting accounts for 40% of all electricity used in office buildings, the lack of energy efficacy and control for conventional lighting system in offices brings significant challenges.



Intelli-Office: The Answer to Offices' Needs

Intelli-Office offers a new generation of lighting to give employees a better working environment than ever before. First, the Intelli-Office system incorporates LEDbay's PL10 series of LED panel lights, which delivers comfortable, shadow-free and evenly-distributed uniform light, and they are flicker- and glare-free. These are important for eye protection, especially when employees spend long hours in the room reading or working.

Second, the Intelli-Office lighting system allows you to adjust or preset brightness to meet the requirements of workplace safety. This is important for employees' health and well-being, and it also helps to increase productivity and creativity.

Third, the Intelli-Office comes with a unique Zone/Group feature, which allows you to divide a room into various lighting zones, and each zone can have its own brightness settings. This is important because different tasks require different level of brightness; for example, a minimum of 320 lux is required for reading, writing, and general office tasks, while 600 lux is required for drawing boards and inspection tasks. In addition, each zone can have its own smart sensors so as to maximise energy savings.

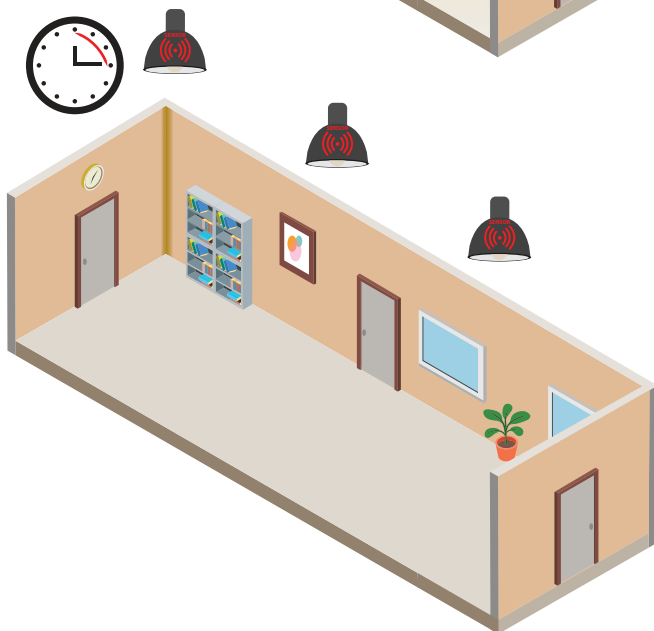
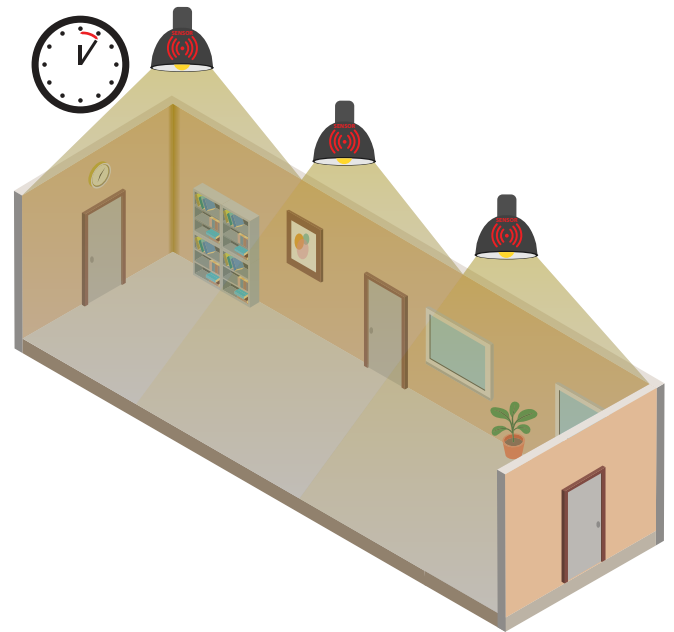
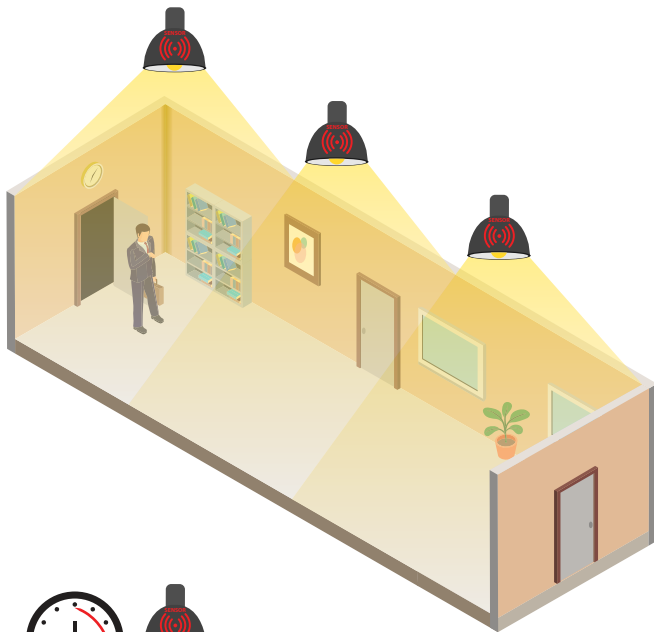
Lastly, with LEDbay's eco-friendly, power-efficient, and long-lifespan LED products, businesses enjoy not just great energy savings but also maintenance ease in the long run. With our "lighting on demand" technologies, you get full control of your lighting systems, as well as your electricity bills.

Lighting is an essential provision for workplace safety. Poor lighting may affect employees' health and performance, and may even result in fatigue, falling, or tripping. Good lighting not just improves productivity but also helps to improve employees' feeling of well-being. On the other hand, it is important to note that lighting accounts for 40% of all electricity used in office buildings, and it would be a waste if the lighting stays on when there is no one around.

Corridors are the vital network inside offices for people to move around, and they can also be a functional spaces, such as for displaying artworks or awards. Therefore, they must be optimally illuminated to ensure safe orientation and movement, as well as for corporate image and employees' well-being. On the other hand, corridors and stairways are only occasionally used, meaning that keeping them lit continuously consumes unnecessarily high amounts of energy.

However, sadly to say, the vast majority of today's offices can't make adjustments to the lighting in their corridors, other than to just turn it on or off.

Energy costs are another problem in today's corridor lighting systems, the lack of energy efficacy and control for conventional lighting system in corridors brings significant challenges.



Intelli-Corridor: The Answer to Corridors' Needs

Intelli-Corridor offers a new generation of lighting to give employees a better working environment while at the same time saving a great amount of energy for business owners.

First, the Intelli-Corridor system incorporates LEDbay's DL12 or DL15 series of LED downlights, which deliver comfortable and shadow-free light, and are flicker- and glare-free. These are important for eye protection and the feeling of well-being, as well as for corporate image.

Second, with the smart sensors installed together with the LED downlights, the Intelli-Corridor system can turn light up to full brightness automatically upon detection of movement and then turn the light down to 50%, 30% or 10% of brightness after the dwelling time, and eventually turn off the light completely if no further movement is detected. The LEDbay's smart sensors also come with a daylight harvesting feature to maximise energy savings.

Third, the Intelli-Corridor system comes with a unique "corridor" function which allows all lights in the same corridor to be turned on, dimmed, or turned off simultaneously, regardless of where the movement is detected - from the left, the centre, or the right. This ensures the maximum safety and security of the areas, especially for night or after-work hours.

Lastly, with LEDbay's eco-friendly, power-efficient, and long-lifespan LED products, businesses enjoy not just great energy savings but also maintenance ease in the long run. With our "lighting on demand" technologies, you get full control of your lighting systems, as well as your electricity bills.



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