



智
日

【pronunc.】 zhi (pinyin)
【def.】 wisdom, intelligence, knowledge

DeltaZhi™

An IoT-enabled lighting system that paves the way to intelligent buildings



www.deltaww.com



DeltaZhi™ helps...



Perform Better

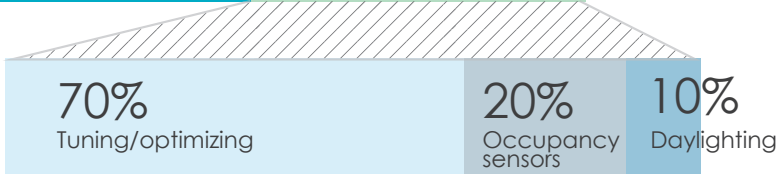
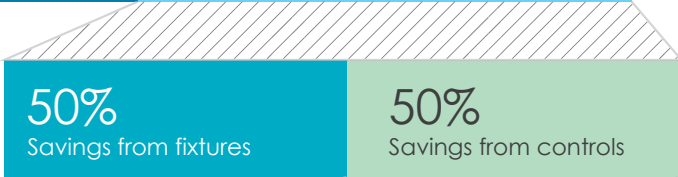
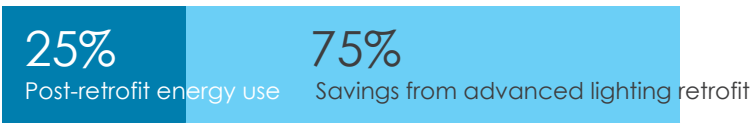
Enhance workplace well-being, productivity, and quality of life.



Add Value

Increase property value with a reputation enhancing sustainability certificate like LEED or WELL





Save More

Increase energy efficiency to reduce operation expenses with minimum extra cost.



Source: BE-Ex analysis, 2017, https://be-exchange.org/tech_primer/tech-primer-led-lighting-retrofits/

How does DeltaZhi™ work?

Based on the latest Delta BIC (Bluetooth® Intelligent Control) technology, the DeltaZhi™ Lighting System offers a wireless mesh network to build smart IoT applications upon, with the beauty of simplicity and scalability.

DeltaZhi™ represents:

- Smart IoT connected infrastructure that can be easily built with the lighting system to minimize installation cost;
- A plug-and-play lighting control system;
- A future-proof service platform that supports the most advanced intelligent applications such as RTLS (real-time locating system).



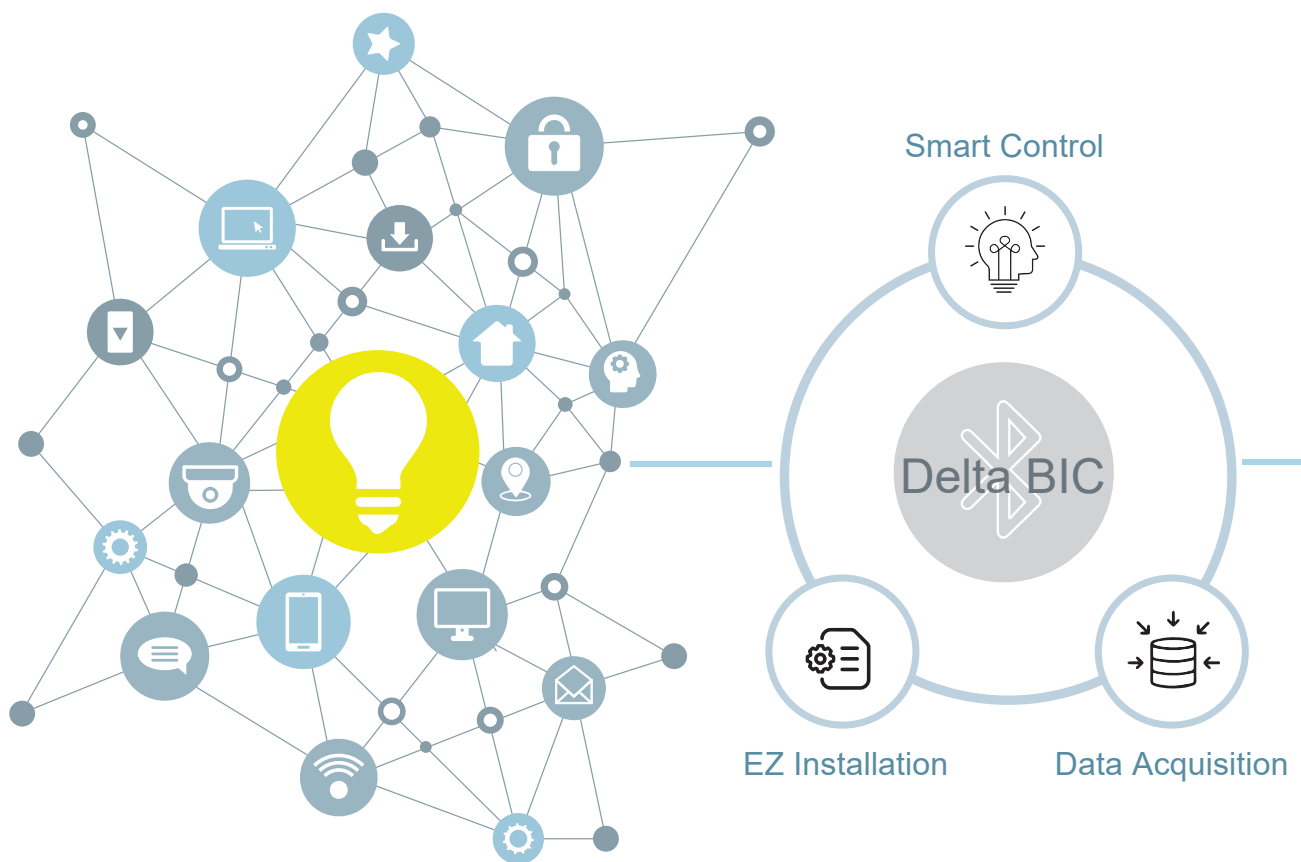
Lighting & Beyond...



DeltaZhi™ the best choice for your Bluetooth Mesh network

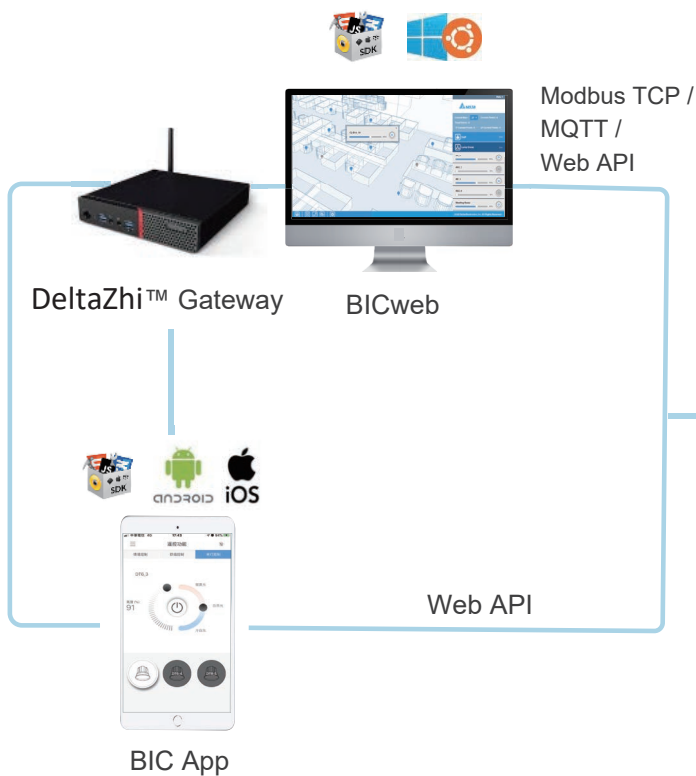
DeltaZhi™ is equipped with BIC App as the user interface of the system for end-users, and BIC Gateway to facilitate the scale-up of the system.

BIC Web is the management system built in the gateway as an interface to configure and control BIC devices across BIC Gateways and BIC Apps.



Delta BIC technology is currently the core of the DeltaZhi™ system. It complies with the latest Bluetooth Mesh Profile standard and comprises 3 useful toolboxes:

- 1 EZ Installation:** A powerful tool making system with a quick and easy set-up, taking only 1/3 of the time generally needed for installing an IP-based lighting control system.
- 2 Smart Control:** Preset lighting control packages including scheduling, and scene settings.
- 3 Data Acquisition:** Embedded receiver for iBeacon and EddyStone broadcasting to facilitate the operation of value-added services.



DeltaZhi™ Eco System

Lighting fixtures

DELTA

AMECO

amerlux
A Delta Group Company

More to come....

DeltaZhi™ devices

Accessories

Bluetooth switch

Bluetooth remote control

Beacon Button

Beacon Portable

Beacon Card

Partners' products

PIR

Lux Sensors

Fans

Door Openers

Door Locks

Motorized Blinds & Shades

More to come....

Add-on applications & services

Cloud service

Microsoft Azure

Microsoft

Alibaba Group
阿里巴巴集团

Indoor positioning

OPEN LIFE
智慧時尚股份有限公司
Fashion Intelligence Co., Ltd.

CREATIDEA
創鈺國際科技股份有限公司

智石科技
BRIGHT BEACON

More to come....



Down Light

Versa Series



Code	Power	Input voltage	CCT	CRI	Lumen	Angle	Cutout hole	Dimensions
R02	10W	220V	3000K	90	1200/1300/1300 lm	15°/24°/38°	Ø95mm (3 ³ / ₄ in)	Ø104x104mm (4 ¹ / ₁₆ x4 ¹ / ₁₆ in)
	35W		4000K		3500/3600/3600 lm		Ø130mm (5 ¹ / ₈ in)	Ø138x117mm (5 ⁷ / ₁₆ x4 ⁵ / ₈ in)
	28W		5700K		2000 lm		Ø130mm (5 ¹ / ₈ in)	Ø138x117mm (5 ⁷ / ₁₆ x4 ⁵ / ₈ in)

Mambo Series



Code	Power	Input voltage	CCT	CRI	Lumen	Angle	Cutout hole	Dimensions
RM	14W	220V	3000K 4000K 5700K	90	1100 lm	15°/24°/38°	Ø75mm (2 ¹⁵ / ₁₆ in)	Ø85x112mm (3 ³ / ₈ x4 ⁷ / ₁₆ in)
	14W				1100 lm		Ø100mm (3 ¹⁵ / ₁₆ in)	Ø115x140mm (4 ¹ / ₂ x5 ¹ / ₂ in)
	28W				2200 lm		Ø125mm (4 ¹⁵ / ₁₆ in)	Ø140x169mm (5 ¹ / ₂ x6 ⁵ / ₈ in)
	35W				2800 lm		Ø150mm (5 ¹⁵ / ₁₆ in)	Ø165x184mm (6 ¹ / ₂ x7 ¹ / ₄ in)

Tendi Series



Code	Power	Input voltage	CCT	CRI	Lumen	Angle	Cutout hole	Dimensions
R01	10W	220V	3000K 4000K 5700K	90	900 lm	60°	Ø100mm (3 ¹⁵ / ₁₆ in)	Ø115x65mm (4 ¹ / ₂ x2 ⁹ / ₁₆ in)
	20W				1800 lm		Ø125mm (4 ¹⁵ / ₁₆ in)	Ø140x80mm (5 ¹ / ₂ x3 ¹ / ₈ in)
	28W				2400 lm		Ø145mm (5 ¹¹ / ₁₆ in)	Ø160x85mm (6 ⁵ / ₁₆ x3 ³ / ₈ in)
	35W				3100 lm		Ø175mm (6 ⁷ / ₈ in)	Ø198x98mm (7 ¹³ / ₁₆ x3 ⁷ / ₈ in)
	35W				3100 lm		Ø215mm (8 ⁷ / ₁₆ in)	Ø230x102mm (6 ¹ / ₂ x4in)

Track light

Rota Series



Code	Power	Lumen	CCT	CRI	Angle	Input voltage	Dimensions
T02	14W	1250 lm	3000K	90	15°/24°/38°	220V	Φ65x154x157mm
	35W	3000 lm	4000K 5000K				Φ97x251x228mm

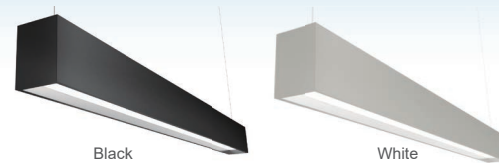
Foco Series



Code	Power	Lumen	CCT	CRI	Angle	Input voltage	Dimensions
T03	14W	730 lm	3000K 4000K	90	15°/24°/38°	220V	Ø63x168x180mm
	35W	3000 lm	5700K 2700-6000K		10x60°/30°60°		Ø90x168x180mm

Office light

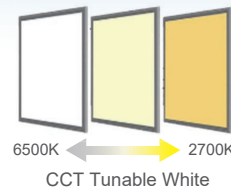
Linear Series



Code	Power	Lumen	CCT	CRI	Angle	Input voltage	Dimensions
L01	15W	1500 lm	3000K 4000K 5700K	90	120°	220V	480x60x75mm
	30W	3000 lm					1190x60x75mm
	40W	4000 lm					1425x60x75mm
	50W	5000 lm					1895x60x75mm

Office Light

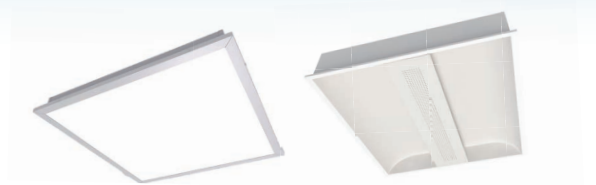
Panel Series



Code	Type	Power	Input voltage	CCT	CRI	Lumen	Efficacy	Dimensions
PA1	2 x 2 1 x 4	40W	220V	5000K 6000K	80	4000 lm	100 lm/W	595x595x13mm (23 ⁷ / ₁₆ x 23 ⁷ / ₁₆ x 1/2in) 295x1195x13mm (11 ⁵ / ₈ x 47 ¹ / ₁₆ x 1/2in)
	2 x 2	40W	220V	5000K 6000K	80	4400 lm	110 lm/W	601x601x13mm (23 ¹¹ / ₁₆ x 23 ¹¹ / ₁₆ x 1/2in) 301x1205x13mm (11 ⁷ / ₈ x 47 ⁷ / ₁₆ x 1/2in)
	2 x 2	36W	220V	2700-6500K	80	3200 lm	90 lm/W	595x595x13mm (23 ⁷ / ₁₆ x 23 ⁷ / ₁₆ x 1/2in) 601x601x13mm (23 ¹¹ / ₁₆ x 23 ¹¹ / ₁₆ x 1/2in)

Office Light

Troffer Series



Code	Type	Power	Input voltage	CCT	CRI	Lumen	Efficacy	Dimensions
PB1	2 x 2 1 x 4	23W	110-220V	5000K 5700K	80	3200 lm	140 lm/W	601x601x60mm (23 ¹¹ / ₁₆ x 23 ¹¹ / ₁₆ x 2 ³ / ₈ in) 301x1205x60mm (11 ⁷ / ₈ x 47 ⁷ / ₁₆ x 2 ³ / ₈ in)
	2 x 2	32W	220V	4000K	80	3000 lm	90 lm/W	595x595x90mm (23 ⁷ / ₁₆ x 23 ⁷ / ₁₆ x 3 ⁹ / ₁₆ in)
PC1	2 x 2	32W	220V	4000K	80	3000 lm	90 lm/W	601x601x90mm (23 ¹¹ / ₁₆ x 23 ¹¹ / ₁₆ x 3 ⁹ / ₁₆ in)

Accessories

Beacon, Switch and Dongle



Beacon-button
CUSBI-003NM001
Ø2.1 x 7 mm



Beacon-portable
CUSBI-003NM003
36.5 x 23.7 x 5.1 mm



Beacon-card
CUSBI-003NM006
85.5 x 54 x 4 mm



Bluetooth switch
CUSRI-003BT003
72 x 50 x 19 mm



Bluetooth remote control
CUSRI-003BW001
110 x 38 x 12 mm

About Delta Group

Our extensive local reach serves our worldwide customers from over 169 operation sites.

Delta's core competence is in comprehensive smart energy solutions.

We provide an experience with end-to-end services and support.

- Delta Group established in 1971, has been named in the DJSI World Index for the 8th consecutive year and in the DJSI Emerging Markets Index for the 6th consecutive year.
- Delta's high-efficiency energy-saving products have helped our global customers reduce approximately 12.96 million metric tons of carbon emissions between 2010 and 2017.
- Delta has 27 green buildings and 2 green datacenters around the world.

- Main sales offices
- Main plant sites
- Main R&D centers



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