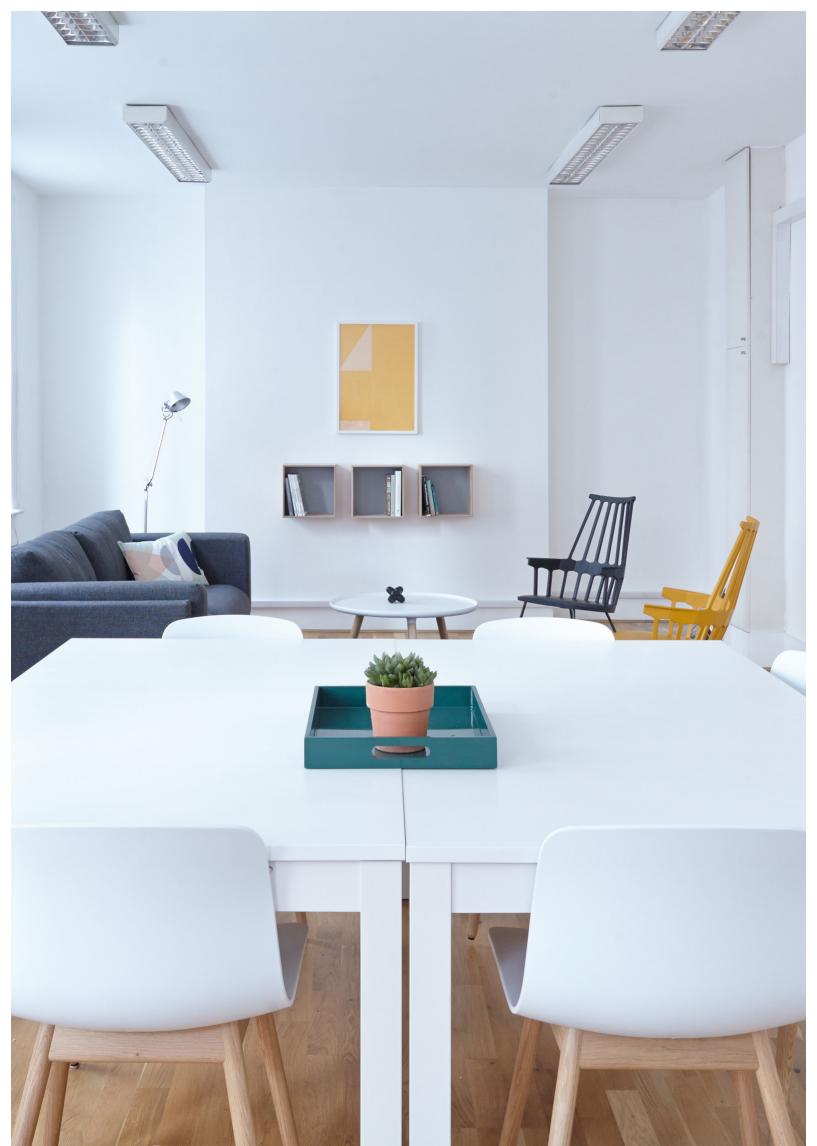


# Advanced LED Lighting

British Design Brand with an Innovative Approach to LED Lighting Technology For more information, please visit calixlighting.co.uk

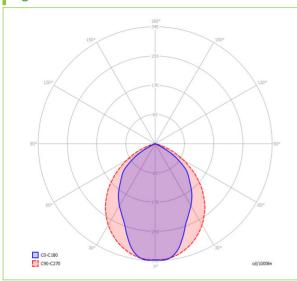




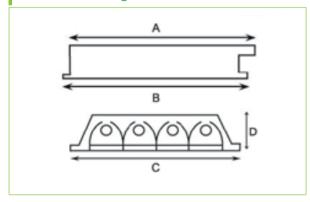








#### **Technical Drawing**





# **Specifications**

- Chassic comes with newly designed inclined basis, white epoxy powder coated, which can match various types and structures of celling frames
- The reflector is adopted with high quality electroplated material with high purity aluminium, bright anodised, and-iridescence
- High quality magnetic Ballast for long life.
- No noise and low power consumption.

#### **Acceessories**

- Ballast: Vaccum pressure impregnated type.
- Lamp/Starter Holder: Push fit type, made of heat resistant polycarbonate (PC) and extremely heat resistant
- Starter: Glow type starter
- Internal wiring: PVC insulated, heat resistant and solid conductor
- Terminal Connector: 3 way 6 amp

#### Other Features:

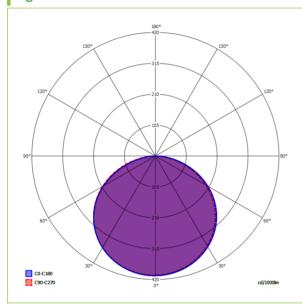
- Cable Entry: Through 19mm knock-out
- Mounting System: Suitable fo recess mounting on 600x600mm, T type false ceiling
- Maintenance: Four springs anchorising system facilitates easy removal and maintenance operations
- Options:HPF, electronic Ballast, dimmable ballast, emergency power pack, silicon insulated wiring.
- Recessed Louver Type

- These luminaries is used for all economical energy saving lighting installation for medium visual requirements such as offices, sales and display areas, also for banking and counter halls, hotels, restaurants and living rooms
- Optical System: This range is for basic applications where
  a cost effective installation is of paramount concern and
  the angle of cut off is of less interest. The range offers
  higher luminous efficiency from spectacular aluminium
  reflectors and therefore offers increased lighting level.
  louvers offer the best overall performance with respect
  to efficiency and illumination control

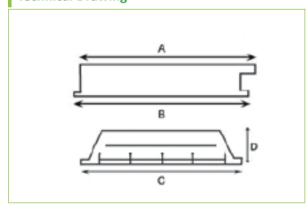
DIMENSION AND TECHNICAL DATA										
MODEL DESCRIPTION POWER INPUT A B C D										
CLX420RL	4X18W RECESSED LOUVER	240V	4X18W	611	597	597	84			







#### **Technical Drawing**



IP40

#### **Material Specifications**

- Chassis is equipped with newly designed inclined basis, white epoxy powder coated, which can match various types and structures of ceiling frames.
- Diffuser: PMMA Prismatic
- Frame: High purity aluminium, bright anodised, anti-iridescence
- High quality magnetic Ballast and long life.
- No noise and low power consumption.

#### **Acceessories**

- Ballast: Vaccum pressure impregnated type.
- Lamp / Starter Holder: Push fit type, made of heat resistant polycarbonate (PC) and extremely heat resistant
- Starter: Glow type starter
- Internal wiring: PVC insulated, heat resistant and solid conductor
- Terminal Connector: 3 way 6 Amp

#### Other Features:

- Cable Entry: Through 19 mm knock-out
- Mounting System: Suitable for recess mounting on 600x600mm, T-type false ceiling
- Maintenance: Four springs anchorising system facilitates easy removal and maintenance operations
- Options: HPF, electronic Ballast, dimmable Ballast emergency power pack, silicon insulated wiring.
- Recessed Prismatic Fitting

- CLX420RP luminaries are used in situations where the requirement of light is glare-free soft and diffused. These fittings will meet most of the lighting requirements in offices, banks, schools, hospitals, shopping complexes, sales counters, lobbies etc.
- Optical System: UV stabilised diffuser fitted to aluminium frame ensures maximum light transmission. Innovative design of prisms results in controlled uniform diffusion of light. Also this attractively styled prismatic diffuser has a brilliant lighting effect with high efficiency and improved light distribution.

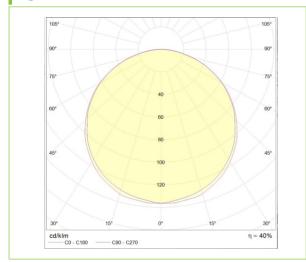
	DIMENSION AND TECHNICAL DATA										
MODEL	DESCRIPTION	POWER	INPUT	Α	В	С	D				
CLX420RP	4 X 18W RECESSED PRISMATIC FITTINGS	240V	4X18W	611	597	597	90				



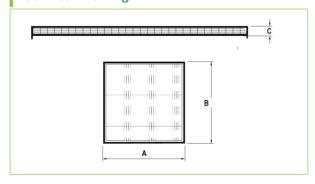








#### **Technical Drawing**



# **Material Specifications**

- Chassic is used with newly designed inclined basis, white epoxy powder coated, which can match various types and structures of celling frames
- The reflector is adopted with high quality electroplated material with high purity aluminium, bright anodised, and-irridescence
- High quality magnetic Ballast and long life.
- No noise, low temperature, low power consumption.

#### **Acceessories**

- Ballast: Vaccum pressure impregnated type.
- Lamp/Stater Holder: Push fit type, made for heat resistant polycarbonate (PC) and extremely heat resistant
- Starter: Glow type starter
- Internal wiring: PVC insulated, heat resistant and solid conductor
- Terminal Connector: 3 way 6 amp

#### **Other Features:**

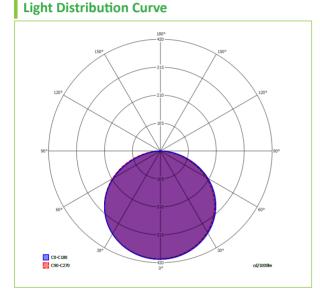
- · Cable Entry: Through 19mm knock-out
- Mounting System: Suitable for surface mounting or through two conduit suspension.
- Maintenance: Easy removal and maintenance operations
- Options:HPF, electronic Ballast, dimmable ballast, emergency power pack, silicon insulated wiring.
- Surface mounted type

- These luminaries is used for all economical energy saving lighting installation for medium visual requirements such as offices, sales and display areas, also for banking and counter halls, hotels, restaurants and living rooms
- Optical System: This range is for basic applications where a cost effective installation is of paramount concern and the angle of cut off is of less interest. The range offers higher luminous efficiency from spectacular aluminium reflectors and therefore offers increased lighting level. louvers offer the best overall performance with respect to efficiency and illumination control.

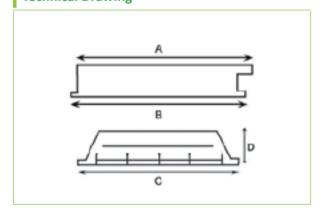
	DIMENSION AND TECHNICAL DATA											
MODEL	DESCRIPTION	POWER	INPUT	Α	В	С	D					
CLX420SL	4 X 18W SURFACE LOUVER	240V	4X18W	611	597	597	84					
CLX420SLDP	4 X 18W SURFACE LOUVER DOUBLE PARABOLIC	240V	4X18W	611	597	597	84					







# **Technical Drawing**



**IP40** 

# **Material Specifications**

- Chassis is used with newly designed inclined basis, white epoxy powder coated, which can match various types and structures of ceiling frames.
- The diffuser: PMMA Prismatic
- Frame: High purity aluminium, bright anodised, anti-irri-
- High quality magnetic Ballast and long life.
- No noise, low temperature low power consumption..

#### **Accessories**

- Ballast: Vaccum pressure impregnated type.
- Lamp / Starter Holder: Push fit type, made of heat resistant polycarbonate (PC) and extremely heat resistant
- Starter: Glow type starter
- Internal wiring: PVC insulated, heat resistant and solid conductorr
- Terminal Connector: 3 way 6 Amp

#### Other Features:

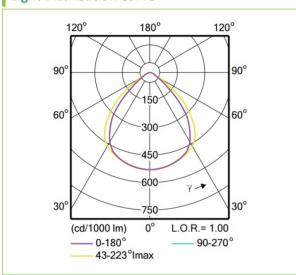
- Cable Entry: Through 19 mm knock-out
- Mounting System: Suitable for recess mounting on 600x600mm, T-type false ceiling
- Maintenance: Four springs anchorising system facilitates easy removal and maintenance operations
- Options: HPF, electronic Ballast, dimmable Ballast emergency power pack, silicon insulated wiring.
- Recessed opal fitting

- These luminaries is are used in situations where the requirement of light is glare-free soft and diffused. These fittings will meet most of the lighting requirements in offices, banks, schools, hospitals, shopping complexes, sales counters, lobbies etc.
- Optical System: UV stabilised diffuser fitted to aluminium frame ensures maximum light transmission. The calculated design of prisms results in controlled uniform diffusion of light. Also this attractively opal prismatic diffuser has a brilliant lighting effect with high efficiency and improved light distribution.

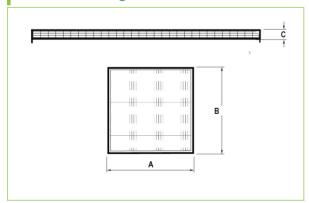
	DIMENSION AND TECHNICAL DATA										
MODEL	DESCRIPTION	POWER	INPUT	Α	В	С	D				
CLX420RO	4 X 18W RECESSED OPAL FITTINGS	240V	4X18W	611	597	597	90				







#### **Technical Drawing**





#### **Material Specifications**

- Chassis is used with newly designed inclined basis, white epoxy powder coated, which can match various types and structures of ceiling frames.
- The diffuser: PMMA Prismatic
- Frame: High purity aluminium, bright anodised, anti-irridescence
- High quality magnetic Ballast and long life.
- No noise, low temperature low power consumption..

#### **Accessories**

- Ballast: Vaccum pressure impregnated type.
- Lamp / Starter Holder: Push fit type, made of heat resistant polycarbonate (PC) and extremely heat resistant
- Starter : Glow type starter
- Internal wiring: PVC insulated, heat resistant and solid conductorr
- Terminal Connector: 3 way 6 Amp

#### **Other Features:**

- Cable Entry: Through 19 mm knock-out
- Mounting System: Suitable for recess mounting on 600x600mm, T-type false ceiling
- Maintenance: Easy removal and maintenance operations
- Options: HPF, electronic Ballast, dimmable Ballast emergency power pack, silicon insulated wiring custom made version of the above can also be offered

- These luminaries is are used in situations where the requirement of light is glare-free soft and diffused. These fittings will meet most of the lighting requirements in offices, banks, schools, hospitals, shopping complexes, sales counters, lobbies etc.
- Optical System: UV stabilised diffuser fitted to aluminium frame ensures maximum light transmission. The calculated design of prisms results in controlled uniform diffusion of light. Also this attractively opal prismatic diffuser has a brilliant lighting effect with high efficiency.t to efficiency and illumination control

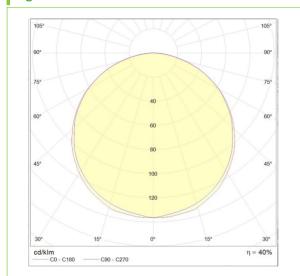
DIMENSION AND TECHNICAL DATA											
MODEL	DESCRIPTION	POWER	INPUT	Α	В	С					
CLX420SO	4 X 18W SURFACE OPAL FITTINGS	240V	4X18W	600	600	75					





Calix innovative  $600 \times 600$  mm recessed luminaires provide the opportunity to transform general lighting into something special, a solution that combines efficient performance with ultra-smooth styling. Illuminated, the panels deliver exceptional uniform light.litex green energy concept design provides highly efficient leds with lower power consumption and longer life.

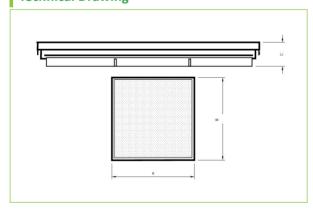
#### **Light Distribution Curve**



# **Advantage**

- Continuous backlit type
- Innovative heat sink ,prominently increased heat dissipation
- Isolated driver IC control
- Ultra long lifespan
- Soft light with increased luminous distribution
- Prismatic diffuser to enable reduced glare

#### **Technical Drawing**

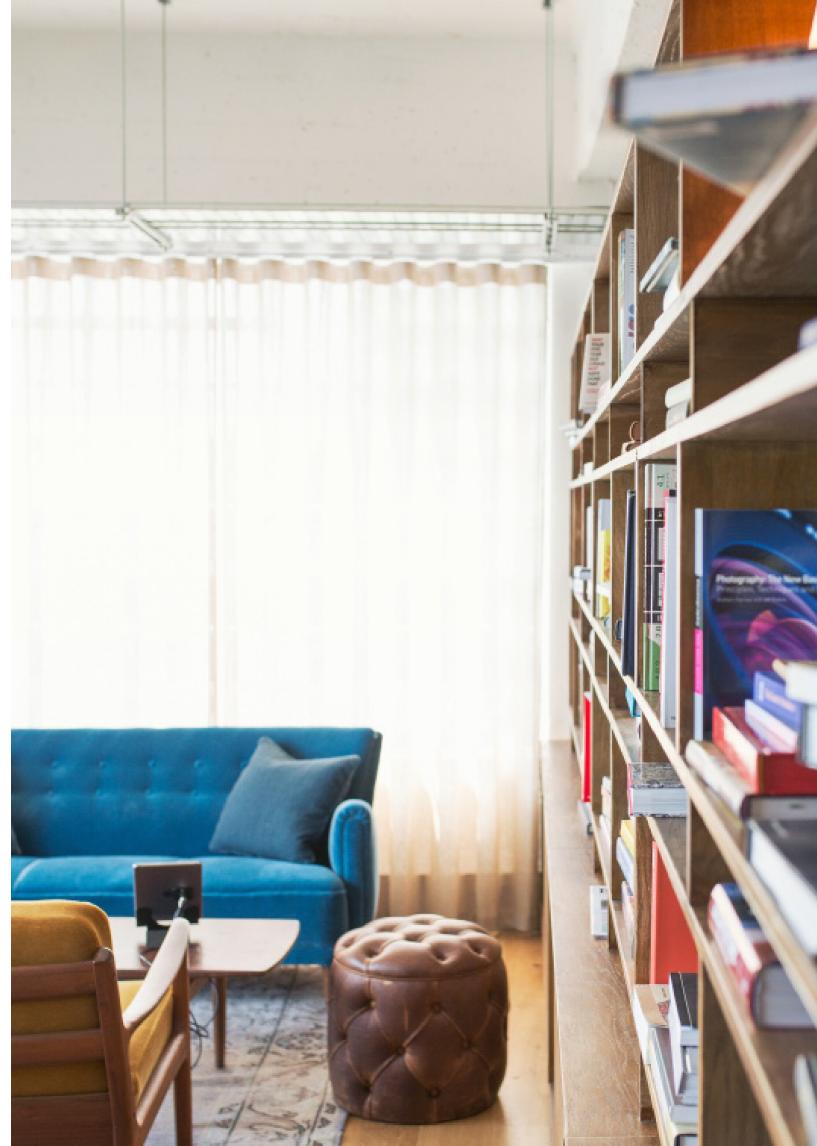


#### **Other Features:**

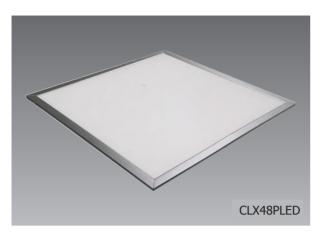
- Instant switch on and off
- Easy installation
- Recess mounting type
- Color Temperature 3000K/6000K/6500K
- External driver mounting
- Color rendering >75
- Operating temperature 10-500C
- Lumen: 4200LM (WH/NW)
- Lumen : 4000LM (WW)

IP40

	DIMENSION AND TECHNICAL DATA										
MODEL	MODEL DESCRIPTION VOLTAGE POWER COLOR A B C										
CLX50PLED	LED TYPE RECESSED 60X60	230V	50W	WH/WW	595	595	60				







Calix innovative  $600 \times 600 \text{ mm}$  thin recessed and hanging type luminaires provide the opportunity to transform general lighting into something special, a solution that combines efficient performance with ultra-smooth styling. Illuminated, the panels deliver exceptional uniform light.litex green energy concept design provides highly efficient leds with lower power consumption and longer life. Litex hanging type led panel is low weight high efficient enables to hang from all types of ceiling.

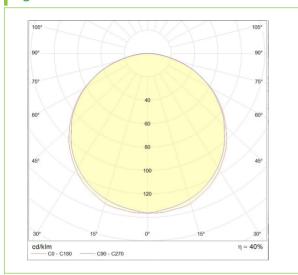
# **Advantage**

- Edge lit type
- Innovative heat sink ,prominently increased heat dissipation
- Isolated driver IC control
- Ultra long lifespan
- Soft light with increased luminous distribution
- · Prismatic diffuser for low glare

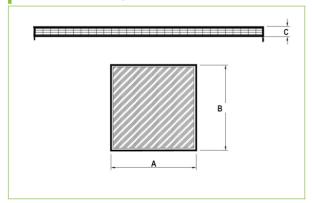
# Other Features:

- Instant switch on and off
- Easy installation
- · Recess mounting type
- Color Temperature 3000K/6000K/6500K
- External driver mounting
- Color rendering >75
- Operating temperature 10-500C
- Lumen: 4200LM (WH/NW)
- Lumen: 4000LM (WW)

# **Light Distribution Curve**

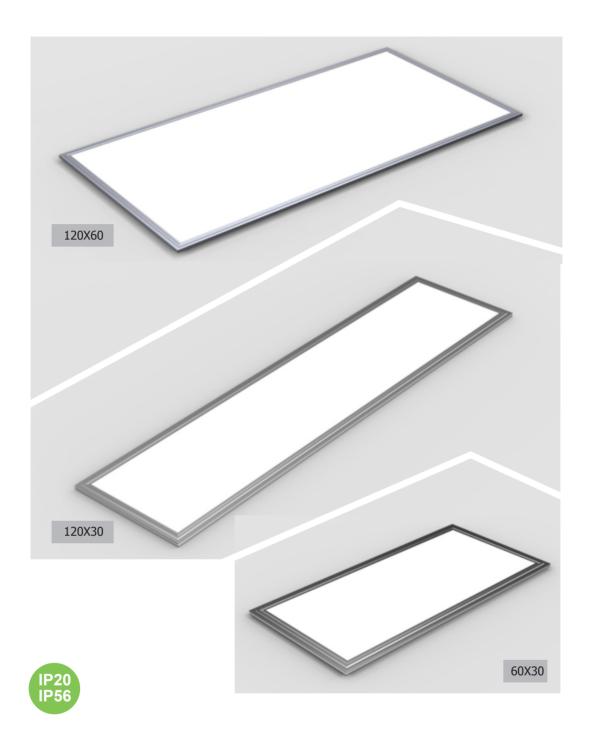


## **Technical Drawing**

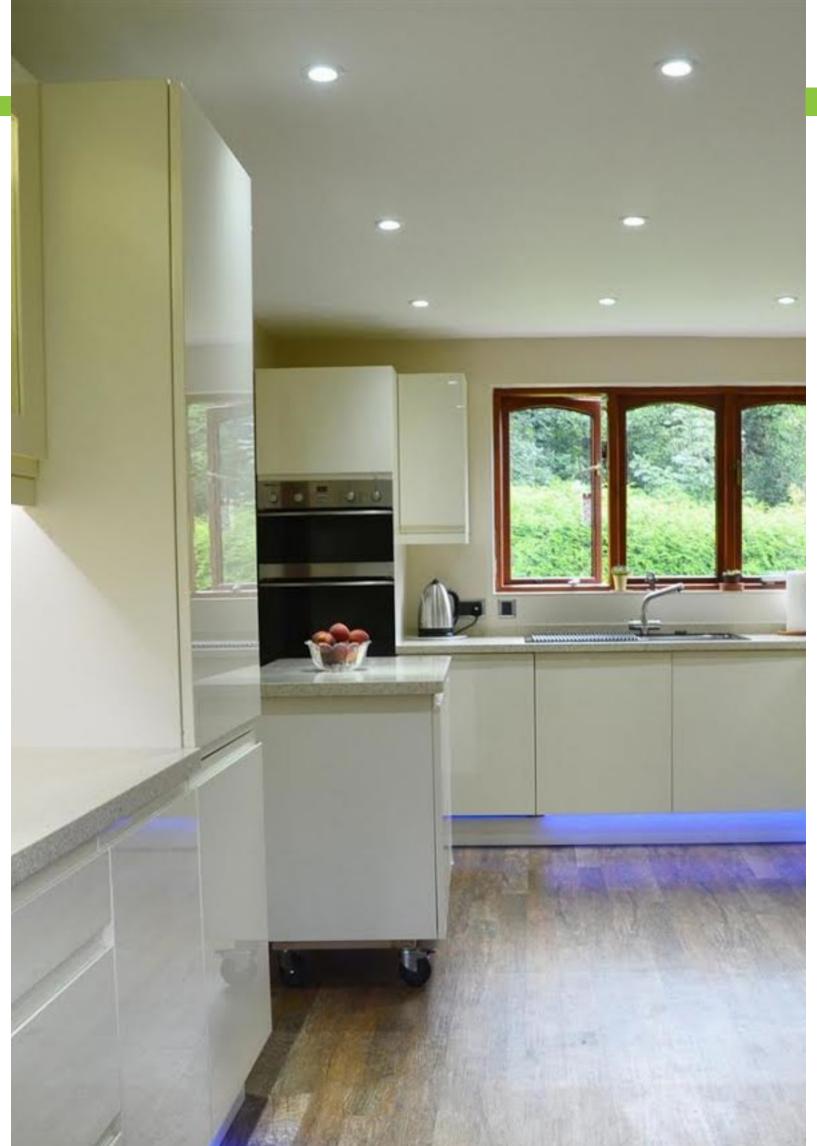


IP56





	DIMENSION A	AND TECHNICAL DATA	
MODEL	DESCRIPTION	POWER (W)	COLOR TEMPERATURE
CLXPLED6060	LED PANEL RECESSED 60X60	36W/48W/96W	3000K/4500K/6500K
CLXPLED6030	LED PANEL RECESSED 60X30	36W/48W/96W	3000K/4500K/6500K
CLXPLED60120	LED PANEL RECESSED 60X120	36W/48W/96W	3000K/4500K/6500K
CLXPLED30120	LED PANEL RECESSED 30X120	36W/48W/96W	3000K/4500K/6500K



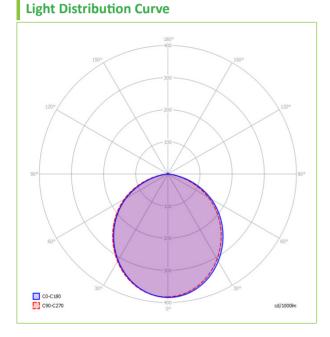




# **Applications:**

High power LED down light is a perfect replacement of the conventional downlight with energy saving lamps. With a fashionable appearance, scientific light distribution, efficiency and SCO performance, it is suitable for large office, conference room, department stores, shops, laboratory, airports and other public lighting places.

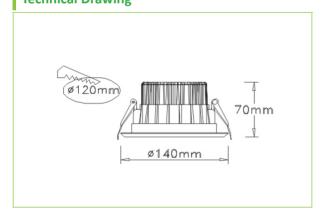
Calix downlight is equipped with high quality LED substrate, provided with improved heat sink for long life.



## Advantage:

- Innovative heatsink, greatly increase heat dissipating efficiency.
- I-Figh Power COB, high CRI (Ra >80), excellent lighting performance.
- Isolated driver, IC control
- Ultra-long lifespan.
- High improved design for better distribution of light, with minimum loss

# **Technical Drawing**



#### **Other Features:**

- Easy fit in false ceiling, or hang from the roof using chains
- Simple, artistic and splendid, functions at both lighting and art decoration
- Edgewise, the LEDs emit evenly lighting through a LGP (ACRYLIC), the luminosity is bright, soft and comfortable for eves
- Cooler than traditional displays, versatile in size, shape and configuration.
- Four sides illuminating, better heat sink, with temperature rise less than 20 deg, resulting increased life span



TECHNICAL DATA											
MODEL	POWER	LUMENS (WH)	LUMENS (WW)	COLOR TEMP	CRI	WORKING TEMP	LIFE SPAN				
CLX-10-COB	10W	820LM	750LM	3000-6400K	>80	-10-50°C	50000H				





## **Applications:**

High power LED down light is a perfect replacement of the conventional downlight with energy saving lamps. With a fashionable appearance, scientific light distribution, efficiency and SCO performance, it is suitable for large office, conference room, department stores, shops, laboratory, airports and other public lighting places.

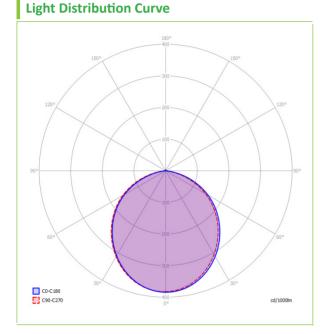
Calix downlight is equipped with high quality LED substrate, provided with improved heat sink for long life.

# Advantage:

- Innovative heatsink, greatly increase heat dissipating efficiency.
- High Power COB, high CRI (Ra >80), excellent lighting performance.
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#### **Other Features:**

- Easy fit in false ceiling, or hang from the roof using chains
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- Cooler than traditional displays, versatile in size, shape and configuration.
- Four sides illuminating, better heat sink, with temperature rise less than 20 deg, resulting increased life span





TECHNICAL DATA											
MODEL	POWER	LUMENS (WH)	LUMENS (WW)	COLOR TEMP	CRI	WORKING TEMP	LIFE SPAN				
CLX-20-COB	20W	1640LM	1500LM	3000-6400K	>80	-10-50°C	50000H				

# IP40

**Technical Drawing** 

Ø170 mm





#### **Applications:**

High power LED down light is a perfect replacement of the conventional downlight with energy saving lamps. With a fashionable appearance, scientific light distribution, efficiency and SCO performance, it is suitable for large office, conference room, department stores, shops, laboratory, airports and other public lighting places.

Calix downlight is equipped with high quality LED substrate, provided with improved heat sink for long life.

# Advantage:

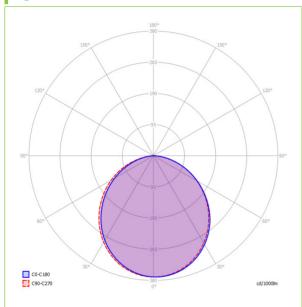
- Innovative heatsink, greatly increase heat dissipating efficiency.
- High Power COB, high CRI (Ra >80), excellent lighting performance.
- Isolated driver, IC control
- Ultra-long lifespan.
- High improved design for better distribution of light, with minimum loss

#### **Other Features:**

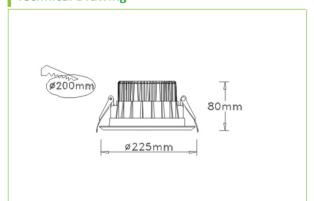
- Easy fit in false ceiling, or hang from the roof using chains
- Simple, artistic and splendid, functions at both lighting and art decoration
- Edgewise, the LEDs emit evenly lighting through a LGP (ACRYLIC), the luminosity is bright, soft and comfortable for eyes
- Cooler than traditional displays, versatile in size, shape and configuration.
- Four sides illuminating, better heat sink, with temperature rise less than 20 deg, resulting increased life span



#### **Light Distribution Curve**



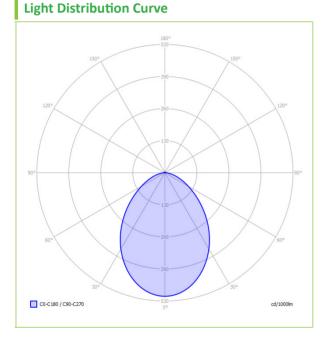
#### **Technical Drawing**



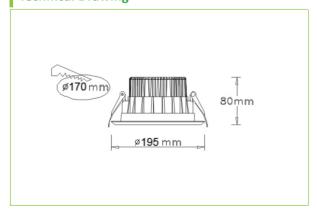
TECHNICAL DATA											
MODEL	POWER	LUMENS (WH)	LUMENS (WW)	COLOR TEMP	CRI	WORKING TEMP	LIFE SPAN				
CLX-30-COB	30W	2460LM	2250LM	3000-6400K	>80	-10-50°C	50000H				







#### **Technical Drawing**



# **Applications:**

High power LED down light is a perfect replacement of the conventional downlight with energy saving lamps. With a fashionable appearance, scientific light distribution, efficiency and SCO performance, it is suitable for large office, conference room, department stores, shops, laboratory, airports and other public lighting places.

Calix downlight is equipped with high quality LED substrate, provided with improved heat sink for long life.

#### Advantage:

- Innovative heatsink, greatly increase heat dissipating efficiency.
- High Power COB, high CRI (Ra >80), excellent lighting performance.
- Isolated driver, IC control
- Ultra-long lifespan.
- High improved design for better distribution of light, with minimum loss

#### **Other Features:**

- Easy fit in false ceiling, or hang from the roof using chains
- Simple, artistic and splendid, functions at both lighting and art decoration
- Edgewise, the LEDs emit evenly lighting through a LGP (ACRYLIC), the luminosity is bright, soft and comfortable for eyes
- Cooler than traditional displays, versatile in size, shape and configuration.
- Four sides illuminating, better heat sink, with temperature rise less than 20 deg, resulting increased life span

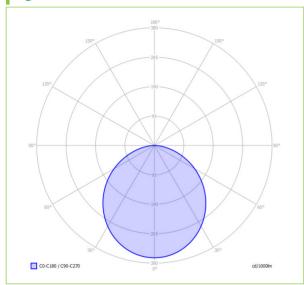


	TECHNICAL DATA											
MODEL	POWER	LUMENS (WH)	LUMENS (WW)	COLOR TEMP	CRI	WORKING TEMP	LIFE SPAN					
CLX-50-COB	50W	4100LM	3750LM	3000-6400K	>80	-10-50°C	50000H					

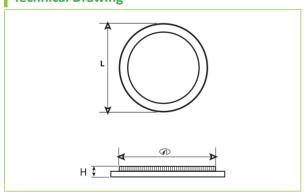








## **Technical Drawing**



# **Product advantages:**

Calix LED slim Panel down lights offers the advantages of having proper light distribution and energy efficiency. In application of Hotel, Supermarket, Restaurants, Museum, Exhibition hall, Conference room, Shops, Schools, Office and many other places.

Our LED panel comes in white finish with anti-glare diffuser and separated energy efficient electronic driver.

#### Features:

- Top quality aluminum housing for good heat emission.
- Recessed type
- Slim size, easy installation.no thermal radiation.
- High brightness without halation
- Instantly startup, no flickering, no noise, no stray light.
- Special design of PCB to ensure the whole working performance in case of single LED chip is broken.
- High efficiency, energy saving, high lumen output, no mercury pollution, safe, stable, reliable.
- Slim Design

#### **Specifications:**

• Voltage: 220-240V

Frequency: 50/60Hz

• Life Span: 50000H

• Working Temp: -10-50°C

• Zero UV & IR radiation

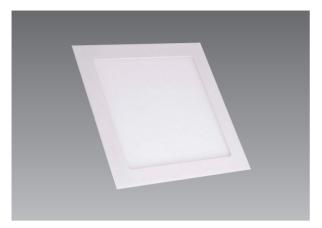
• Beam Angle: 120°

• Color Temp: 3000-6000K



	DIMENSION AND TECHNICAL DATA													
MODEL	BODY COLOR	LIGHT COLOR	Power	LUMENS (WH)	LUMENS (ww)	CRI	L (mm)	H (mm)	(mm)					
DWP3LED/LX	WH	WW/WH	3W	255LM	240LM	>75	90	10	70					
DWP7LED/LX	WH, WH/GD Fr	WH	7W	600LM	560LM	>75	120	10	110					
DWP12LED/LX	WH, W/SN Fr, SN	WW/WH	12W	1020LM	960LM	>75	170	10	160					
DWP18LED/LX	WH, SGD, SN	WW/WH	18W	1530LM	1440LM	>75	220	10	210					
DWP24LED/LX	WH, BLUE/WH Fr	BLUE	24W	2040LM	1920LM	>75	295	10	275					

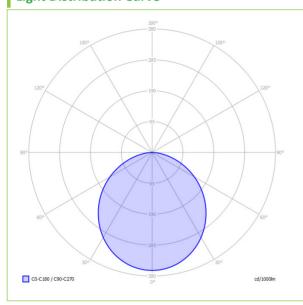




CALIX LED slim down lights offers the advantages of having, improved light source and energy efficiency. In application of Hotel, Supermarket, Restaurants, Museum, Exhibition hall, Conference room, Shops, Schools, Office and many other places.

Our LED panel comes in white finish with anti-glare diffuser and separated energy efficient electronic driver.

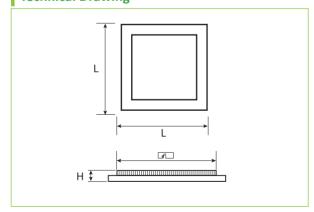
### **Light Distribution Curve**



#### Features:

- Top quality aluminum housing for good heat emission.
- Recessed type
- Slim size, easy installation.no thermal radiation.
- High brightness without halation
- Instantly startup, no flickering, no noise, no stray light.
- Special design of PCB to ensure the whole working performance in case of single LED chip is broken.
- High efficiency, energy saving, high lumen output, no mercury pollution, safe, stable, reliable.
- Slim Design

#### **Technical Drawing**



#### **Specifications:**

Voltage: 220-240V

Frequency: 50/60Hz

• Life Span: 50000H

Working Temp: -10-50°C

Zero UV & IR radiation

• Beam Angle: 120°

• Color Temp : 3000-6400K

	P40
V	1 40

	DIMENSION AND TECHNICAL DATA										
MODEL	BODY COLOR	LIGHT COLOR	POWER	LUMENS (WH)	LUMENS (WW)	CRI	L (mm)	H (mm)	(mm)		
DWP12LED/SQ	WH	ww/wh	12W	1020LM	960LM	>75	170	25	160		
DWP18LED/SQ	WH	WH	18W	1530LM	1440LM	>75	220	25	210		



Calix Surface Mounted Light offers the advantages of having proper light distribution and energy efficiency. In application of Hotel, Supermarket, Restaurants, Museum, Exhibition hall, Conference room, Shops, Schools, Office and many other places.

Housing Comes in Different range of Finishes with anti-glare diffuser and separated energy efficient electronic driver.

#### Features:

- Top quality aluminum housing for good heat emission.
- Easy installation.no thermal radiation.
- High brightness without halation
- Instantly startup, no flickering, no noise, no stray light.
- High efficiency, energy saving, high lumen output, no mercury pollution, safe, stable, reliable.

Voltage: 220-240VFrequency: 50/60HzLife Span: 50000H

Working Temp: -10-50CZero UV & IR radiation

• Beam Angle: 120

• Color Temp: 3000-6500K









Our product line utilizes the finest materials rendered in compositions that compliment architectural environments. We carefully apply artistic craftsmanship to each fixture by blending Old World techniques and the latest manufacturing processes to create truly world class products of substance and value. The highest quality electrical components and compliance to regulatory requirements augment the design benchmark continually set throughout the history of our organization.



# Features:

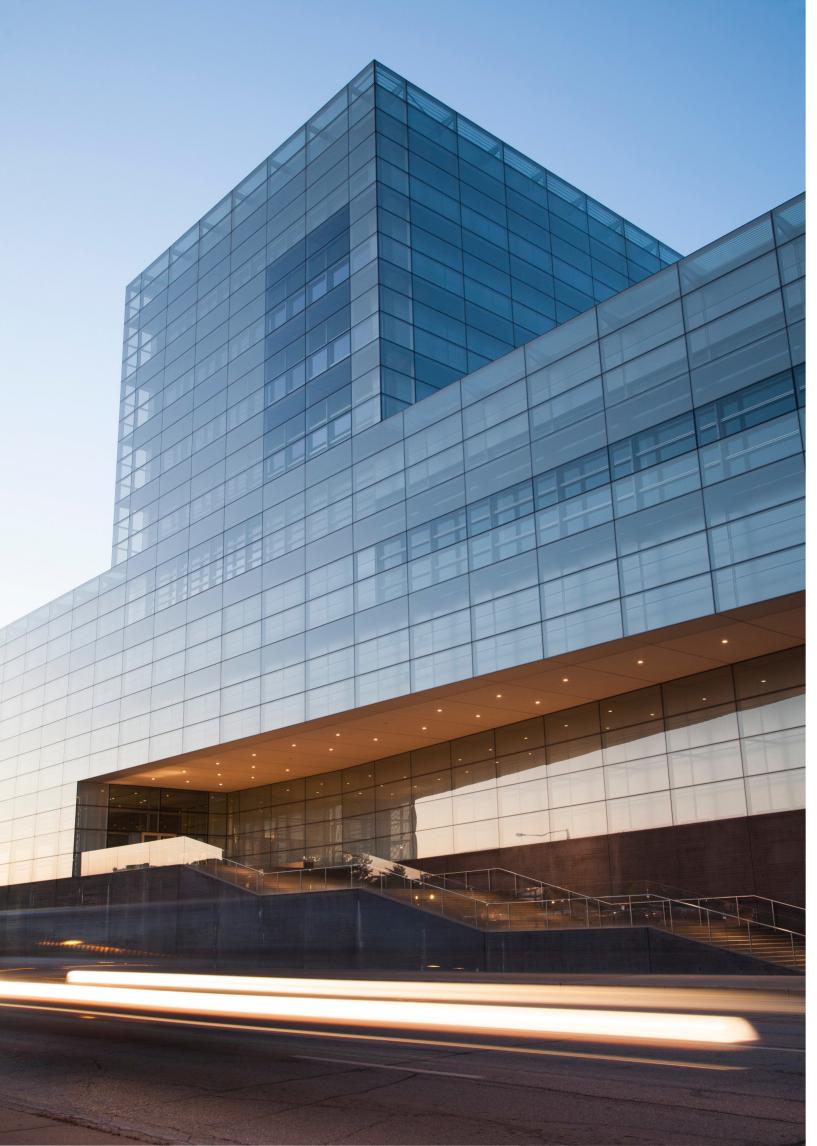
- Beautiful Structure Design.
- Extremely Smooth Light
- Remarkable Light Distribution.
- Maintenance And Replacement Is Quick And Easy.
- ABS Base + Polycarbonate Cover
- Innovative Design
- · Long Life
- Working Temp





DIMENSION AND TECHNICAL DATA										
MODEL POWER BEAM COLOR CRI  (W) ANGLE TEMPERATURE										
CLXCR30	30W	WHITE	3000K - 6500K	>80						
CLXCS30	30W	WHITE	3000K - 6500K	>80						

www.calixlighting.co.uk







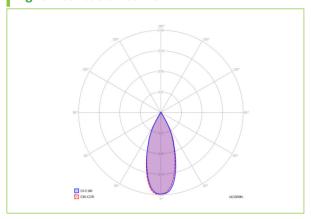
LED Spotlights are much more versatile and have many opportunities when it comes to designing the lighting scheme for a house or a shop. These spotlights can be installed in the kitchen and bathroom to achieve a smooth light balance, Stairways and hallways are also ideal areas that may be highlighted using Led spot lights. Modern LED spotlights are available in different styles and you can choose the best to perfectly match the decoration. Litex spot lights are widley used in showrooms and for interior decorative lightings.

#### Features:

- Beautiful structure design. Extremely smooth light
- Implimented with high quality chip driver, heat sink.
- Replace the traditional lamp and luminous flux perfectly
- Will not damage due to frequent switching.
- Maintenance and replacement is quick and easy.
- High power LED spotlight does not contain harmful substances, environment friendly, green lighting products.
- Recessed type

#### **Light Distribution Curve**

**Technical Drawing** 



# **Specifications:**

• Voltage: 220-240V

Frequency: 50/60Hz

Life Span 50000 H

• Type : Adjustable

Working Temp: -10-50°C

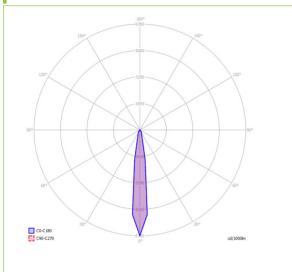
• Color Temp : 3000-6400K



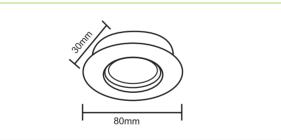
	DIMENSION AND TECHNICAL DATA											
MODEL	POWER	COLOR	BEAM ANGLE	LUMENS (WH)	LUMENS (WW)	CRI	L (mm)	H (mm)	(mm)			
CLX8535-7W	1x7W	ww/wh	60	620LM	770LM	>75	100	70	90			
CLX8535-8W	1x7W	WW/WH	60	650LM	600LM	>75	135	65	115			







# **Technical Drawing**



# **Product advantages:**

Spotlights are much more versatile and have many opportunities when it comes to designing the lighting scheme for a house and shops. Spot lights are mainly used when a small portion or a focussed area is to be lit. These spotlights can be installed in the kitchen and bathroom to achieve a smooth light balance, Stairways and hallways are also ideal areas that may be highlighted using spot lights.

#### Features:

- Beautiful structure design. Extremely smooth light
- Remarkable light distribution.
- Replace the traditional lamp and luminous flux perfectly.
- Maintenance and replacement is quick and easy.
- Energy efficient design

# **Specifications:**

• Material : Die-casting Aluminium

• Size: Ø80mm H30mm

Cutting Dia: Ø70mm

Lamp: MR 16 Base

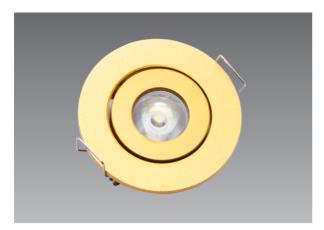
Voltage : AC 240-220V 60/50Hz





	TECHNICAL DATA
MODEL	DESCRIPTION
CLX0001-/WH	SPOT LIGHT BASE MR16 WHITE
CLX0001-/FGD	SPOT LIGHT BASE MR16 FRENCH GOLD
CLX0001-/SN	SPOT LIGHT BASE MR16 SATIN NICKEL
CLX-0001/CH	SPOT LIGHT BASE MR16 CHROME
CLX0001-/GD	SPOT LIGHT BASE MR16 GOLD
CLX0001-/SNGD	SPOT LIGHT BASE MR16 SATIN NICKEL GOLD
CLX0001-/AB	SPOT LIGHT BASE MR16 SATIN ANTIC BRASS
CLX0001-/COP	SPOT LIGHT BASE MR16 COPPER
CLX0001-/SGD	SPOT LIGHT FRAME SATINGOLD

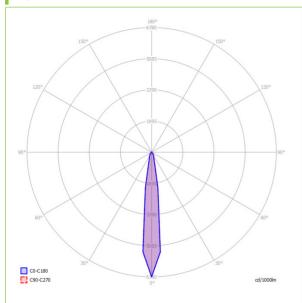




LED Ceiling Spotlight is a replacement for conventional bulb, Ideal for home and office lighting, hotels, display case lighting, under cabinet lighting, recessed lighting, business and art lighting. Owing to the dedication of our diligent professionals, we have earned a reputed name in manufacturing, wholesaling and supplying the finest quality assortment of LED Spot Light. Under the strict vigilance of our professionals, the offered lights are manufactured using quality tested components and ultra modern technology. Moreover, our valuable clients can avail this range from us at market leading prices.

### **Light Distribution Curve**

**Technical Drawing** 



#### Features:

- No UV, IR radiation, mercury or hazardous materials, environment friendly
- Low energy consumption, ideal for all energy saving application
- High luminous flux and luminous efficiency with lower light output decay.
- Solid-state, high shock or vibration resistant
- Easy to install
- Maintenance & Replacement is quick and easy

#### **Specifications:**

• Material : Die-casting Aluminium

• Frame Colors : GD/SL/COF

Cutting Dia : Ø42mm

Lamp: 1 X 1W LED

• Life Span: 25000h

Voltage : AC220-240V

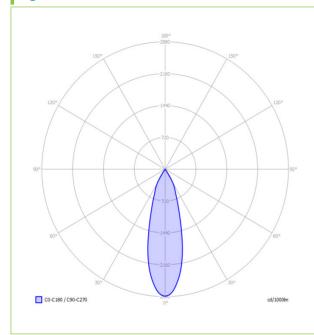
• Color Temp : 3000-6400K



	DIMENSION AND TECHNICAL DATA										
MODEL	POWER	BEAM ANGLE	LIGHT COLOR	LUMENS (WH)	LUMENS (WW)	L (mm)	H (mm)				
CLX-50161	1W	45°	WW/WH	85LM	80LM	52	19				







# IP20

# **Product advantages:**

LED spotlights are much more versatile and have many opportunities when it comes to designing the lighting scheme for a house. These spotlights can be installed in kitchen and bathroom to achieve a smooth light balance, stairs, corridors, halls are also ideal areas that can be highlighted using Spotlights. Modern Led spotlights are available in different styles and you choose the best to perfectly match the decoration.

#### Features:

- High quality chip driver and heat sink.
- Will not get damaged due to frequent switching
- Maintenance and replacement is quick and easy
- Increased light efficiency
- Innovative structure design, bright light.
- Remarkable light distribution
- Implimented with latest technology design to enhance long life

## **Specifications:**

• Voltage: 220-240v

• Frequency: 50/60hz

• Life Span: 25000h

Working Temp: 10-50°C

• Color Temp: 3000-6400K

	DIMENSION AND TECHNICAL DATA											
MODEL	POWER	COLOR	BEAM ANGLE	LUMENS (WH)	LUMENS (WW)	CRI	HOLDER TYPE	DIMMAMBLE				
BT-CLO3-3	3W	WW/WH	30°	255LM	240LM	>75	MR16	NO				
BT-CLO5-5	5W	ww/wh	30°	425LM	400LM	>75	MR16	NO				
BT-CLO5-5-GU10	5W	WH	30°	425 LM		>75	GU10	NO				
BT-CLO5-5DM	5W	ww/wh	30°	425LM	400LM	>75	MR16	YES				
BT-CLO6-6	6W	WW/WH	30°	510LM	480LM	>75	MR16	NO				
BT-CLO7-7	7W	WH/WW	30°	600LM	560LM	>75	MR16	NO				
BT-CLO7-7DM	7W	WH/WW	30°	600LM	560LM	>75	MR16	YES				
BT-CLO10-10W	10W	WH/WW	30°	850LM	800LM	>75	MR16	NO				





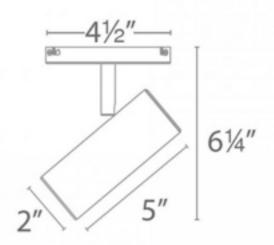


The Calix Track Light range offers powerful directional lighting with a clean, simple form. Made from die cast aluminum construction, features an integral driver and LED technology, and offers a field-replaceable lens for beam control.



# **Features:**

- Material: Diecast Aluminum
- Swivel yoke for easy aiming
- 350° horizontal rotation
- 90° vertical tilt
- · Clear lens included
- Integral electronic transformer
- Polycarbonate transformer case and track adapter





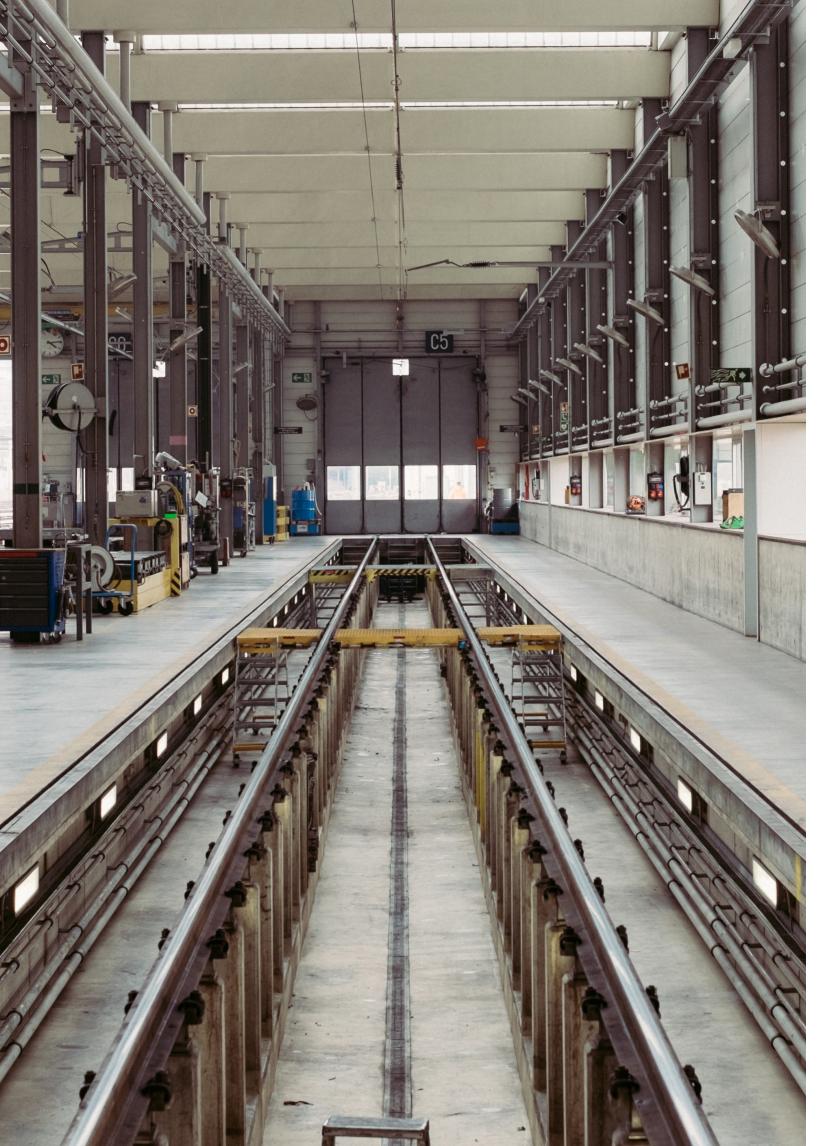
Calix mirror lights are specially designed with slim body design and Innovative designs to reduce glare. Calix mirror lights are easy to operate. Mirror light is commonly used in bathrooms, dressing areas, washrooms etc.

# Features:

- Reduced Glare Effect
- Easy Installation
- Slim Design
- Easy Operation
- Improved Light Distribution
- Wattage 6W/8W/15W

IP44 IP65





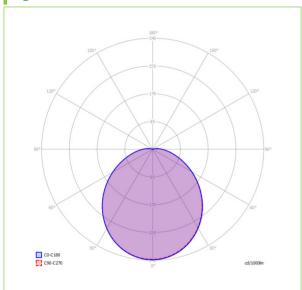




Highbay are used in high-mounting heights that require higher efficiencies, general horizontal/ high vertical illumination and premium contrast control. Ideal for manufacturing areas, warehouse and retail aisles. The Housing and reflectors are constructed with high strength light weight polymers

Calix high bay are designed for better light distribution with lower power consumption. Suspended type design makes it suitable to adjust the mounting heights.

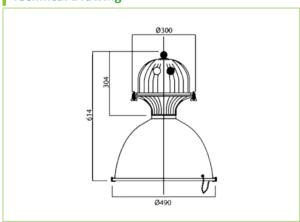
#### **Light Distribution Curve**



#### Features:

- Lower lifetime cost
- Fewer lamp replacements
- Energy conservation
- Reduced circuit loads, circuit breaker and wire gauge requirements
- Improved design for better heat dissipation to enhance long life
- Remarkable light distribution
- Implimented with latest design technology

#### **Technical Drawing**



# **Specifications:**

Voltage: 210-220V

Frequency: 60/50Hz

Life Span: 25000H

Light weight design

Type: Suspended Type

• Working Temp: -10-50°C

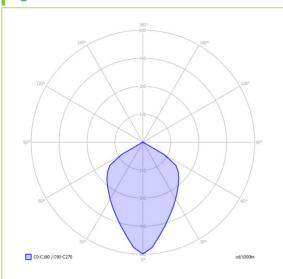
IP65

TECHNICAL DATA										
MODEL	MODEL POWER BODY BEAM ANGLE									
HBF-250-CLX	250W	AL	90°	E40						
HBF-400-CLX	400W	AL	90°	E40						

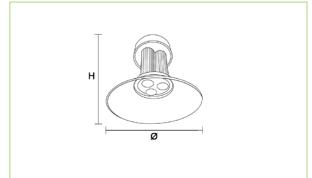
<sup>\*</sup>Diffrent beam angle reflectors are available on request







#### **Technical Drawing**



#### **Product advantages:**

CALIX LED Highbay light adopts high luminance LED as its light source, so it can effectively ensure the length of lamps serving life time and working condition. Fixture is equipped with high quality EPISTAR (Taiwan) multi-chip LED

The housing and reflectors are constructed of high strength and light weight polymers resulting in a durable and light weight design.

The multi-functional heat sink is designed to maximize cooling effectiveness by allowing free air movement around and through the luminaire.

# **Application:**

- Warehouse
- Parking lots
- Malls, Factories and other public places
- Auditoriums

#### Features:

- Lower lifetime cost
- Energy conservation
- Reduced circuit loads, circuit breaker and wire gauge requirements
- Material: Aluminium Type
- High performance lighting complies latest standards of indoor work places
- Unmatched lightweight design

#### **Specifications:**

• Voltage: 220-210V

Frequency: 50/60Hz

• Life Span: 50000H

Working Temp: -10-50°C



	DIMENSION AND TECHNICAL DATA											
MODEL	POWER	COLOR	BEAM ANGLE	LUMENS	COLOR TEMP	CRI	Н	Ø				
HBF-50-LED-CLX	50 W	WH	90°	4250LM	6000K	>85	395	500				
HBF-100-LED-CLX	100 W	WH	90°	8500LM	6000K	>85	495	500				
HBF-150-LED-CLX	150 W	WH	90°	12750LM	6000K	>85	495	500				
HBF-200-LED-CLX	200 W	WH	90°	17000LM	6000K	>85	495	500				
HBF-210-LED-CLX	210 W	WH	90°	17850LM	6000K	>85	495	500				

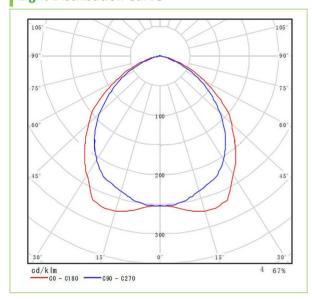




Calix Flood Light can be used in high-mounting heights that require higher efficiencies, general horizontal/ high vertical illumination and premium contrast control. Ideal for light manufacturing areas, warehouse and retail aisles.

CALIX floodlight offers exceptional indoor and outdoor illumination in industrial areas. Because of its superior corrosion resistance and restricted breathing being standard, the LITEX floodlight is the ideal choice for diverse industrial applications.

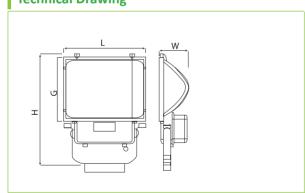
## **Light Distribution Curve**



#### Features:

- Lower lifetime cost
- Fewer lamp replacements
- Energy conservation
- Reduced circuit loads, circuit breaker and wire gauge requirements
- Rugged die cast aluminium housing
- Improved design for maximum heat dissipation
- Superior reflector for proper light distribution.

# **Technical Drawing**



# **Specifications:**

• Luminare Type : Flood Light

Lamp Type : Metal Halide

Voltage: 220-240V

Frequency: 50/60Hz

Life Span: 25000H

Working Temp: -10-50°C

• Base : E40



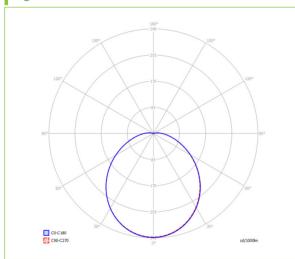
	DIMENSION AND TECHNICAL DATA											
MODEL	POWER	BEAM ANGLE	L (mm)	H (mm)	W (mm)	G (mm)						
MHF-150-CLX	150 W	120°	230	340	240	280						
MHF-250-CLX	250 W	120°	410	400	180	310						
MHF-400-CLX	400 W	120°	410	400	180	310						
MHF-1000-CLX	1000 W	120°	540	540	250	400						





Being a quality conscious organization, we offer best-in-class range of Flood Light Enclosures. Widely used in the parks, shopping mall, exhibition hall, parking lot, commercial Pedestrian Street, corridor and galleries, this light is exclusively designed and developed with latest technology using fine quality components. This flood light enclosures are attractive in design and shape that comes in various sizes and provides high performance

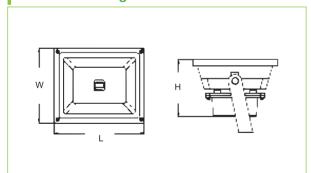
#### **Light Distribution Curve**



#### Features:

- Latest type COB LED Technology
- Reduced power consumption by 80%
- No ultra violet output-does not attracts flies.
- Maintenance free
- Green generation leading –edge technology
- Shock and vibration resistant
- Recommended in marine, boating and harsh environments
- Instant –on cool running operation provides an efficient and dependable alternative to conventional filament style fixture.

#### **Technical Drawing**



### **Specifications:**

• Voltage: 220-210V

Frequency: 50/60Hz

IP65

Life Span: 35000H

Working Temp: -10-50°C

Color Temp: 3000-6000K

DIMENSION AND TECHNICAL DATA										
MODEL	POWER (W)	COLOR	BEAM ANGLE	LUMENS (WH)	LUMENS (WW)	CRI				
CLXFLD50LED	50	WH/WW	45°	5250LM	5000LM	>75				
CLXFLD100LED	100	WH/WW	45°	9500LM	8000LM	>75				
CLXFLD150LED	150	WH/WW	45°	18750LM	16000LM	>75				
CLXFLD200LED	200	WH/WW	45°	23000LM	22000LM	>75				
CLXFLD300LED	300	WH/WW	45°	32500LM	30000LM	>75				





Calix Outdoor Lighting provides a selection of premium and budget range garden lighting products with various finishes from Superior stainless steel to high quality powder coated items. Suitable for domestic lighting right through to commercial and public sector lighting applications







# IP65

# Features:

• SIZE:

Width: 220mm; length: 192mm; height: 310mm

• MATERIAL:

Resin (body), PMMA (diffuser)

• WEIGHT:

1 000gr

• WIRING:

LED, E27

• INSTALLATION:

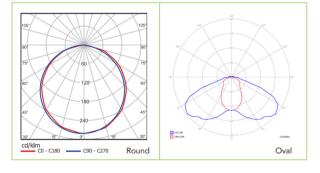
Post Top, Wall, Hanging.





LITEX exterior lights are an ideal way to put the finishing touches on any new home for those looking to renovate or update their existing home. Stylish and durable, these multi-purpose wall lights are ideal for coastal locations or areas where weather affects long life. Our range of light-fixtures is equally suitable for construction sites, industrial applications, commercial applications and residential purposes. Litex is well designed with the latest technology, it is easy to fit them on to any type of supports such as scaffoldings, vertical walls of wood or brick ceilings.

#### **Light Distribution Curve**



#### **Features:**

- Beautiful Structure Design. Extremely Smooth Light
- Remarkable Light Distribution.
- Maintenance And Replacement Is Quick And Easy.
- ABS Base + Polycarbonate Cover



TECHNICAL DATA							
MODEL	ТҮРЕ	SIZE	BASE	POWER (MAX)			
CLX4501-RD	WITHOUT GRILL ROUND	SMALL/LARGE	1XE27	60W			
CLX4502-RD	WITH GRILL ROUND	SMALL/LARGE	1XE27	60W			
CLX4503-RD	MOON ROUND	SMALL/LARGE	1XE27	60W			
CLX4504-RD	HALF MOON ROUND	SMALL/LARGE	1XE27	60W			
CLX4501-OV	WITHOUT GRILL OVAL	SMALL/LARGE	1XE27	100W			
CLX4502OV	WITH GRILL OVAL	SMALL/LARGE	1XE27	100W			
CLX4503-OV	MOON OVAL	SMALL/LARGE	1XE27	100W			
CLX4504-OV	HALF MOON OVAL	SMALL/LARGE	1XE27	100W			



Bollards with lights can become a featured addition to illuminate and accent landscaping, walk-ways, buildings and parking areas. They add ambient lighting to property; improve security by increasing visibility and mark pathways and driveways. Calix has a robust line of bollard lighting solutions in a variety of materials and shapes. Our bollards provide uniform light spread with control to minimize light pollutionorganization.



# Features:

• Standard size:

Width: 245mm

Length: 245mm

Height: 500/1100mm

• Resin Body with PMMA Diffuser

• E27 Lamp Holder

• Installation: Post Top, Wall





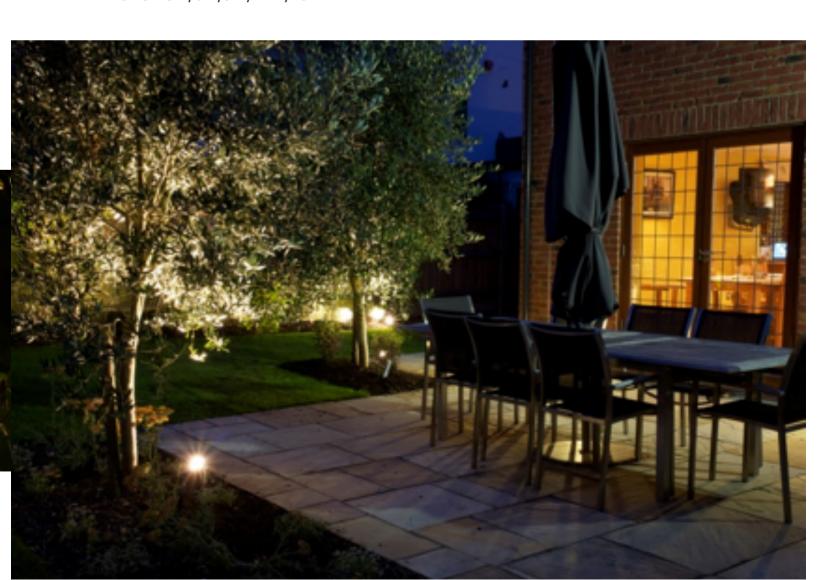
Calix brand Spike Light can be used for a variety of situations. Place a spike light close to steps to light them up. Installing a purpose designed step light in to brick work is a lot of work and a spike light can offer a cheaper and just as effective solution. With a fully adjustable head for tilt and rotation they are ideal to illuminate trees and items of interest in the garden. They can also be used near water features for a more dramatic lighting effect.





IP65

Power: 3W/6W/9W/12W/15W







underground lights are widely used for decorative or illumination lighting in gardens, streets, square villas, parks, lawns, amusement places. These lights are rugged in construction and are mechanically stable. Litex underground lights uses advanced technology heat sinks and enhance the heat dissipation improving the durability of the luminaire Round ground-recessed luminaire for outdoor installation, Phospho-chromatised and polyester powder coated die-cast aluminum body and protective cover, tempered safety glass, molded silicone gasket.

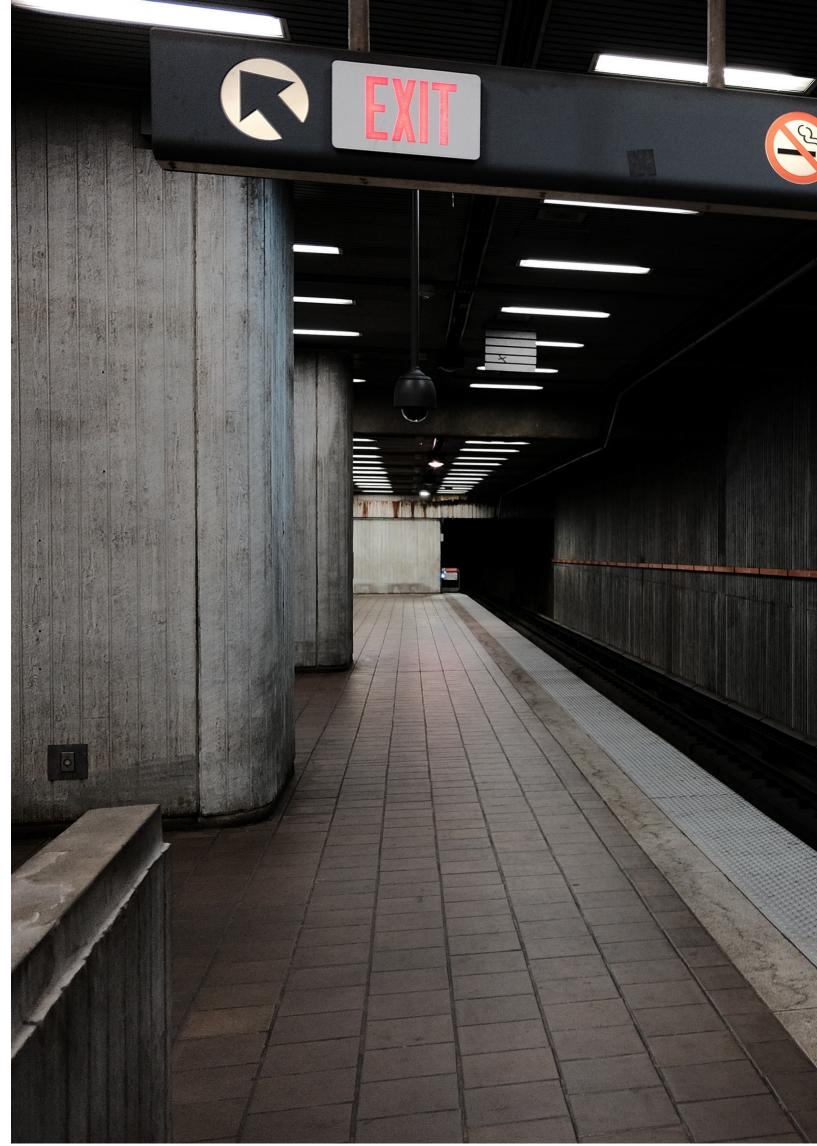


# **Specifications:**

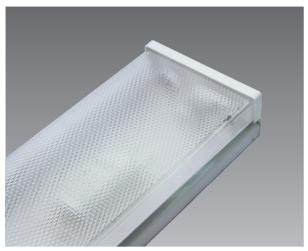
- High corrosion resistance die cast aluminum body
- Polyester painting with phosphocromating pre-finish
- Clear (or frosted) tempered glass
- Stainless steel screws
- LED Technology
- Max static weight resistance 4000 Kg
- Protection against impact IK09 (10 joule)
- Wattage 3W/5W/10W/20W/30W
- 220-240V 50/60 HZ



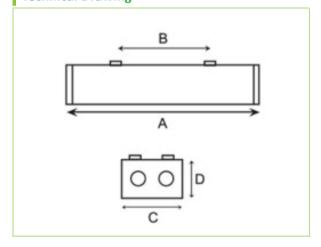








#### **Technical Drawing**



# **Product advantages:**

UV stabilised clear prismatic diffuser ensures maximum light transmission. The well designed prisms results in controlled uniform diffusion of light. Also this attractively styled prismatic diffuser has brilliant lighting effect with high efficiency.

Calix diffuser fittings reduces glare and provided adequate light distribution.

# **Applications:**

- These fittings are used in situations where there is requirement for glare free, soft and diffused lightings.
- These fittings are general purpose luminaries, suitable for use in offices, banks, schools, hospitals, shopping complexes, sales & leisure areas, lobbies etc.

# **Specifications:**

• Diffuser : Clear Prismatic

• Housing: Steel white epoxy powder coated

 Ballast: Vacuum pressure impregnated type Push fit type, body made of heat resistant

• Lamp/Starter holder : Polycarbonate (PC)

Starter : Glow type starter

Internal wiring: PVC insulated, heat resistant, solid conductor

• Mounting System: Surface mounting

Maintenance: Easy maintenance by removal of prismatic diffuser

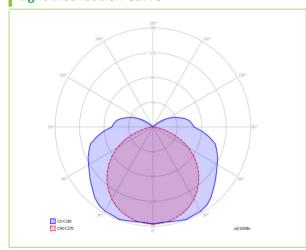


DIMENSION AND TECHNICAL DATA								
MODEL	DESCRIPTION	POWER	INPUT	A (mm)	B (mm)	C (mm)	D (mm)	
PF-118-CLX	1X18W DIFFUSER FITTINGS	240V	1X18W	624	440	90	85	
PF-218-CLX	2X18W DIFFUSER FITTINGS	240V	2X18W	618	440	150	65	
PF-136-CLX	1X36W DIFFUSER FITTINGS	240V	1X36W	1234	840	90	85	
PF-236-CLX	2X36W DIFFUSER FITTINGS	240V	2X36W	1228	840	150	65	

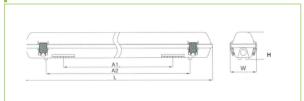




### **Light Distribution Curve**



#### **Technical Drawing**



# **Product advantages:**

• Calix weather proof lightings finds wide range of applications in humid, dusty, corrosive areas like factories, kitchen, shower rooms, laundries, catering establishments, car parks, outdoor areas etc.

# **Specifications:**

• Outer Casing: ABS or PC materials

• Cover: Clear PC,PS Materials

• Metal Plate: chemical treated and powder coated

• Locks: ABS, PC or Stainless Steel Clips

• Cable Seal: 5 pieces cable entry seal

Safety Class: Class I

• Certification: GS,CE, EMC,RoHS

#### Features::

Dust Proof and Water Proof

 Durable outer Casing/Cover made of High Impact ABS or PC materials

• European Certification

• Indoor or outdoor installation in the garages, cellars and industrial complex

 Available with Electronic/Magnetic Ballast and T8 Lamp Tube

• Shipped on pallets available



DIMENSION AND TECHNICAL DATA								
MODEL	TYPE	MATERIAL	POWER	Length	Width	Height	A1	A2
W120CLX	2FT	ABS	1X20	655	91	93.5	380	500
W140CLX	4FT	ABS	1X40W	1190	91	93.5	900	980
W220CLX	2FT	ABS	2X20W	655	230	93.5	380	500
W240CLX	4FT	ABS	2X40W	1190	230	93.5	900	980
W-258CLX	5FT	ABS	2X58W	1565	91	93.5	980	1100
W120CLX/PC	2FT	PC	1X20W	655	91	93.5	380	500
W120CLX/PC	2FT	PC	2X20W	655	230	75	380	NA
W140CLX/PC	4FT	PC	1X40W	1190	91	75	970	NA
W240CLX/PC	4FT	PC	2X40W	1190	230	75	970	NA
SSCLIP-CLX(CLIP)		STAINLESS STEEL						



• Calix exit sign light family with its class leading performance and attractive modern styling utilizes cutting edge materials and LED light sources for a functional yet stylish appearance in a variety of indoor applications. Litex uses the latest innovations in plastic material to provide superior luminance and improved visibility in low level light situations (high level smoke).

# **Specifications:**

- Litex offers 45000 hour's lifetime led light source for reduced maintenance cost.
- Low power consumption reducing cost of ownership
- Material used aluminium body & acrylic sheet
- High-brightness LED
- Over charging protection
- Maintenance-free Ni-Cd battery, 3.6V response time greater than 180 minutes.





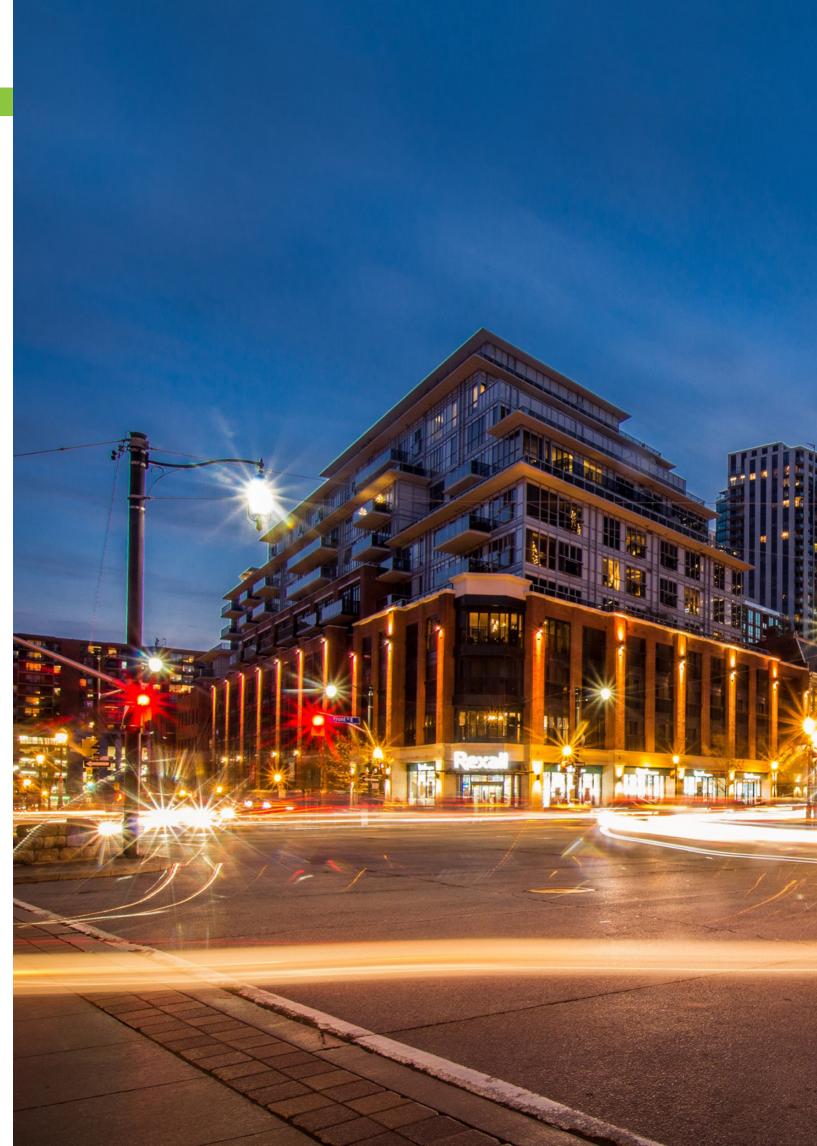








DIMENSION AND TECHNICAL DATA								
MODEL	INSTALLATION TYPE			Width	Height			
JX105-CLX	CEILING MOUNTED	MAINTAINED	31	405	223			
JX105/D-CLX	CEILING MOUNTED	MAINTAINED	31	405	223			
JX105/R-CLX	CEILING MOUNTED	MAINTAINED	31	405	223			
JX105/L-CLX	CEILING MOUNTED	MAINTAINED	31	405	223			
JX105/U-CLX	CEILING MOUNTED	MAINTAINED	31	405	223			
JX105/LR-CLX	CEILING MOUNTED	MAINTAINED	31	405	223			





STREET LAMP



Calix LED street lamps are designed with emphasis on high energy efficiency, uncompromising reliability and perfect optical light distribution. All these characteristics make Calix LED street lights are ideal for use in public lighting of roads, streets, bicycle tracks, parking spaces, sidewalks, footpaths and others.

DIMENSION AND TECHNICAL DATA							
MODEL	POWER (W)	BEAM ANGLE	COLOR TEMPERATURE	CRI			
CLXSL24W	24	120°	3000K - 6500K	>75			
CLXSL36W	36	120°	3000K - 6500K	>75			
CLXSL50W	50	120°	3000K - 6500K	>75			
CLXSL100W	100	120°	3000K - 6500K	>75			
CLXSL200W	200	120°	3000K - 6500K	>75			





DIMENSION AND TECHNICAL DATA							
MODEL	POWER (W)	BEAM ANGLE	COLOR TEMPERATURE	CRI			
SL24W	24	120°	3000K - 6500K	>70			
SL36W	36	120°	3000K - 6500K	>70			
SL50W	50	120°	3000K - 6500K	>70			
SL100W	100	120°	3000K - 6500K	>70			
SL200W	200	120°	3000K - 6500K	>70			



CALIX motion detectors offer security and convenience in the areas that they cover. They can quickly and easily be adjusted to requirements Adjustment controls for twilight, time and range can be done. Blinds can be used to restrict the detection area so that only the desired area is covered. If requirements should change, settings can be altered according to demand. These sensors detect occupancy by monitoring frequency shifts caused by motion in its range. As no unobstructed line of sight is needed, they are perfect for spaces such as offices with cubicles or restrooms with stalls. Litex sensors are highly sensible to movements and can provide quick response. Detection is possible through doors, glass or even thin walls.



# **Specifications:**

• Power Source: 100~130V/AC, 220~240V/AC

• Power Frequency: 50-60Hz

Ambient Light: <10~2000Lux(Adjust)</li>

• Rated Load: 1200W(220~240V/AC)

Detection Angle: 360°

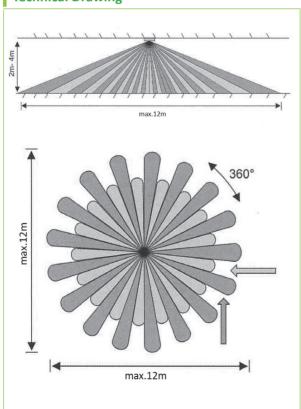
Detection Distance: 12m(Adjust)

Time-delay: 5Sec.~9Min.(Adjust)

Work Temperature: -20~+40°C

Working Humidity: <93%RH</li>

#### **Technical Drawing**



#### Features:

- SMD technology sensor
- 360° coverage
- Self-contained relay
- Adjustable time delay
- Adjustable lux
- Adjustable sensitivity
- Multiple sensor capability



CALIX motion detectors offer security and convenience in the areas that they cover. They can quickly and easily be adjusted to requirements Adjustment controls for twilight, time and range can be done. Blinds can be used to restrict the detection area so that only the desired area is covered. If requirements should change, settings can be altered according to demand. These sensors detect occupancy by monitoring frequency shifts caused by motion in its range. As no unobstructed line of sight is needed, they are perfect for spaces such as offices with cubicles or restrooms with stalls. Litex sensors are highly sensible to movements and can provide quick response. Detection is possible through doors, glass or even thin walls.



# **Specifications:**

Power Source: 100~130V/AC, 220~240V/AC

Power Frequency: 50-60Hz

Ambient Light: <3Lux~daylight</li>

Rated Load: 3000W(220~240V/AC)

Time Delay: 5Sec.~9Min.(adjustable)

Detection Distance: 15m( 24°C adjustable)

Work Temperature: -20~+40°C

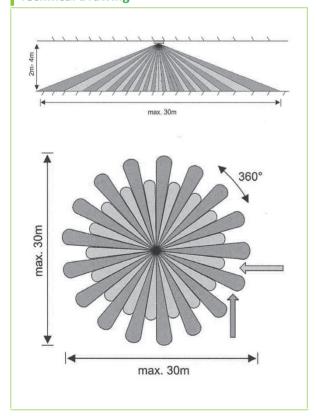
Power Consumption: 0.45W(static 0.1W)

• Installation height: 1.5-3.5m

Detection Motion Speed: 0.6-1.5m/s

Working Humidity: <93%RH</li>

### **Technical Drawing**



#### **Features:**

- SMD technology sensor
- 360° coverage
- Self-contained relay
- Adjustable time delay
- Adjustable lux
- Adjustable sensitivity
- Multiple sensor capability

Founded in 2012, Calix Lighting is a British design brand with an Innovative approach to lighting and LED technology. Calix has been creating decorative lighting for residential and commercial customers that features with innovative products with astounding variety.

# **Calix Lighting Ltd**

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