

PICO

CYLINDER RECESSED/SURFACE MOUNT SPOTLIGHT SPECIFICATIONS



Job Information

Project Name	
Type	
Location	
Quantity	
Date	

DESCRIPTION

PICO is an compact adjustable spotlight family featuring an exceptionally small cylindrical diameter and a refined architectural aesthetic. Designed for precise accent lighting with minimal visual impact, PICO combines flexibility, visual comfort, and elegant design in a remarkably compact form.

Available in a wide range of body finishes, PICO offers exceptional design freedom for diverse architectural applications. High performance optics, CRI90 LEDs, and multiple CCT options ensure excellent color rendering and consistent lighting quality for residential, hospitality, retail, and commercial environments.

OVERVIEW

- Low-glare reflector
- Adjustable configurations
- Surface mount, trim and trimless mounting options
- True color - 90 color rendering index (CRI), produces outstanding illumination.
- Suitable for a wide range of architectural applications

PERFORMANCE

SERIES NAME	PICO
POWER CONSUMPTION(±10%)	6/7/9/10W (Based on Model)
INPUT VOLTAGE	24VDC
DIMMING	1-10V /Triac
CCT	2700/3000/4000K
CRI	90
MOUNTING OPTION	Trim/Trimless Recessed/ Surface Mount
OPTICS OPTIONS	Reflector
FINISH	Powder Coating/Anodized
FIXTURE COLOR	Black/ White/Anodizing
IP RATING	IP20/IP21/IP54(Based on Model)
CERTIFICATIONS	cETL Listed
WARRANTY	5 Years
LIFE TIME OF LED @TA=25°C	50.000hL90B20/ 50.000hL90B10/ 50.000hL80B20



SPECIFICATIONS

■ OPTICS

A low-glare reflector minimizes direct source visibility and reduces glare, providing enhanced visual comfort while maintaining efficient light output.

■ ELECTRICAL

Voltage: 24VDC

■ ENVIRONMENT & CERTIFICATIONS

cETL listed for dry and damp locations

■ WARRANTY

5 years limited warranty

■ MOUNTING

Trim/trimless recessed and surface mount installation

■ FINISH

The powder-coated and anodized finish ensures a uniform appearance, offering long-term durability and superior aesthetics.

■ HOUSING MATERIAL

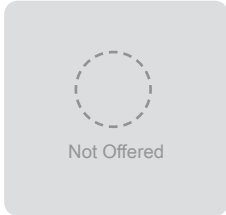
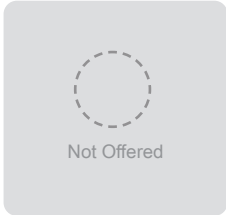
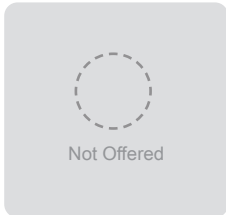
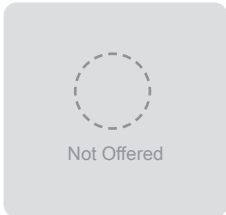
Die-cast aluminum housing ensures durability and efficiency, with heat resistance polycarbonate lens.

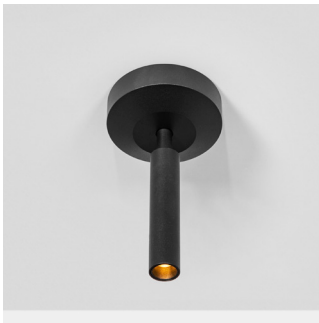
■ LED SYSTEM

CRI With 90 color rendering index (CRI), this product delivers outstanding illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

CCT Available in 2700K, 3000K, and 4000K with excellent color consistency.

PRODUCT MODELS OVERVIEW

	XS	S	M
SURFACE MOUNT	 Model Name: PSS25 Ø0.98" (25mm)	 Not Offered	 Not Offered
RECESSED TRIM	 Model Name: PST40 Ø1.57" (40mm)	 Model Name: PST48 Ø1.89" (48mm)	 Model Name: PST60 Ø2.36" (60mm)
RECESSED TRIMLESS	 Model Name: PSTL40 Ø1.57" (40mm)	 Model Name: PSTL48 Ø1.89" (48mm)	 Model Name: PSTL60 Ø2.36" (60mm)
RECESSED TRIM GYRO TILT	 Model Name: PSGT40 Ø1.6" (40.5mm)	 Not Offered	 Not Offered
RECESSED TRIMLESS GYRO TILT	 Model Name: PSGTL40 Ø1.6" (40.5mm)	 Not Offered	 Not Offered



MODEL NAME: PSS25

DESCRIPTION

- Surface Mount Adjustable Ceiling Spotlight
- Compact Size
- 350 Degree Rotate and 90 Degree Tilt
- This Product Is Supplied Without Driver

SPECIFICATIONS

POWER CONSUMPTION(±10%)	7W
INPUT VOLTAGE	24VDC
LUMINOUS FLUX	230Lm
DIMMING	Dimmable Via Remote Dimmable Driver
CCT	2700/3000/4000K
CRI	90
UGR	<14
PHOTOBIOLOGICAL RISK	RG1
IP RATING	IP21
INSTALLATION TYPE	Surface Mount
MATERIAL	Aluminium
LIFE TIME OF LED @TA=25°C	50.000hL90B10

FINISH COLOR



Black



White



Matt Black



Brushed Varnish

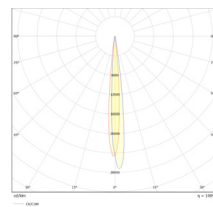
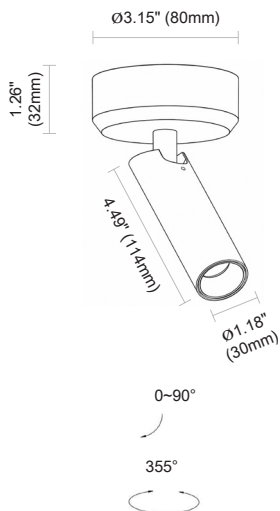


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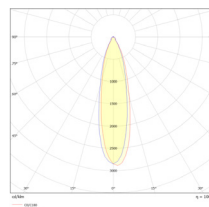


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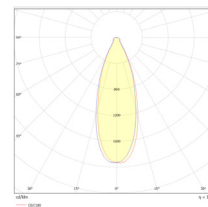
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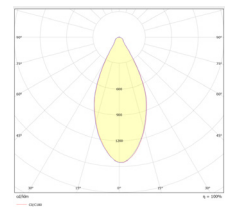
Beam Angle:15°



Beam Angle:24°



Beam Angle:36°



Beam Angle:50°



MODEL NAME: PST40

DESCRIPTION

- Recessed Adjustable Ceiling Spotlight With Trim
- Compact Size
- 45D Tilttable
- This Product Is Supplied Without Driver

SPECIFICATIONS

POWER CONSUMPTION(±10%)	10W
INPUT VOLTAGE	24VDC
LUMINOUS FLUX	600Lm
DIMMING	Dimmable Via Remote Dimmable Driver
CCT	2700/3000/4000K
CRI	90
UGR	<19
PHOTOBIOLOGICAL RISK	RG1
IP RATING	IP20
INSTALLATION TYPE	Ceiling Recessed
MATERIAL	Aluminium
LIFE TIME OF LED @TA=25°C	50.000hL90B20

FINISH COLOR



Black



White



Matt Black



Brushed Varnish

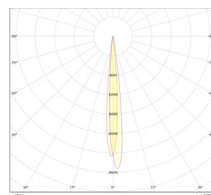


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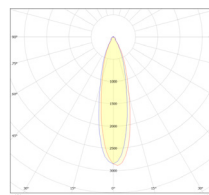


Dark Bronze

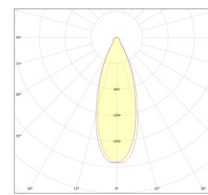
LIGHT DISTRIBUTION



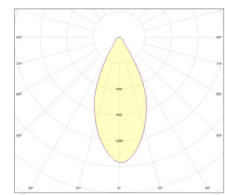
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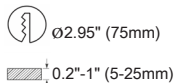
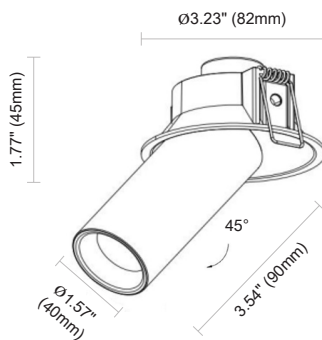
Beam Angle:24°



Beam Angle:38°



Beam Angle:60°





MODEL NAME: PST48

DESCRIPTION

- Recessed Adjustable Ceiling Spotlight With Trim
- Modularized
- 320 Degree Rotate and 45 Degree Tilt
- Easy Maintenance
- Dual Color Decorative Baffle
- This Product Is Supplied Without Driver

SPECIFICATIONS

POWER CONSUMPTION(±10%)	9W
INPUT VOLTAGE	24VDC
LUMINOUS FLUX	650Lm
DIMMING	Dimmable Via Remote Dimmable Driver
CCT	2700/3000/4000K
CRI	≥90
UGR	19
PHOTOBIOLOGICAL RISK	RG1
IP RATING	IP21
INSTALLATION TYPE	Ceiling Recessed
MATERIAL	Aluminium
LIFE TIME OF LED @TA=25°C	50.000hL90B20

FINISH COLOR

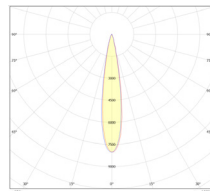
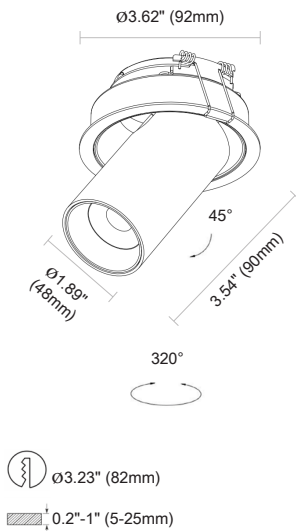


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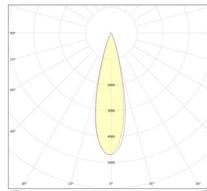


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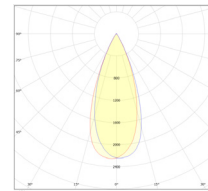
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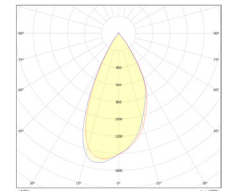
Beam Angle:15°



Beam Angle:24°



Beam Angle:36°



Beam Angle:50°



MODEL NAME: PST60

DESCRIPTION

- Recessed Adjustable Ceiling Spotlight With Trim
- Modularized
- 365 Degree Rotate and 60 Degree Tilt
- Easy Maintenance
- This Product Is Supplied Without Driver



SPECIFICATIONS

POWER CONSUMPTION(±10%)	9W
INPUT VOLTAGE	24VDC
LUMINOUS FLUX	785Lm
DIMMING	Dimmable Via Remote Dimmable Driver
CCT	2700/3000/4000K
CRI	>93/97
UGR	<15
PHOTOBIOLOGICAL RISK	RG1
IP RATING	IP54
INSTALLATION TYPE	Ceiling Recessed
MATERIAL	Aluminium
LIFE TIME OF LED @TA=25°C	50.000hL90B10

FINISH COLOR



Black



White



Matt Black



Brushed Varnish

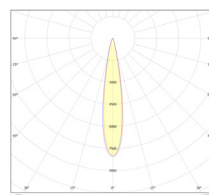
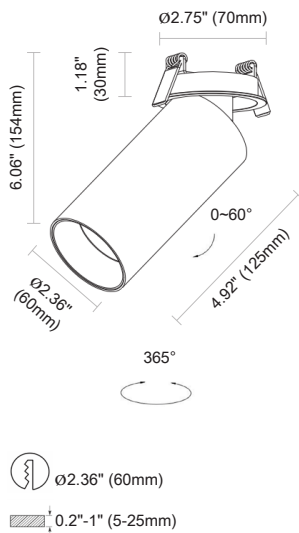


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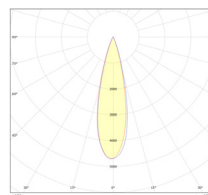


Dark Bronze

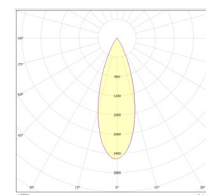
LIGHT DISTRIBUTION



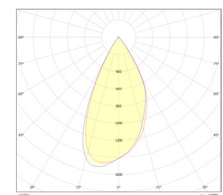
Beam Angle:18°



Beam Angle:24°



Beam Angle:36°



Beam Angle:55°



MODEL NAME: PSTL40

DESCRIPTION

- Recessed Adjustable Trimless Ceiling Spotlight
- Compact Size
- 45D Tilttable
- This Product Is Supplied Without Driver

SPECIFICATIONS

POWER CONSUMPTION(±10%)	10W
INPUT VOLTAGE	24VDC
LUMINOUS FLUX	600Lm
DIMMING	Dimmable Via Remote Dimmable Driver
CCT	2700/3000/4000K
CRI	90
UGR	<19
PHOTOBIOLOGICAL RISK	RG1
IP RATING	IP21
INSTALLATION TYPE	Ceiling Recessed
MATERIAL	Aluminium
LIFE TIME OF LED @TA=25°C	50.000hL90B20

FINISH COLOR



Black



White



Matt Black



Brushed Varnish

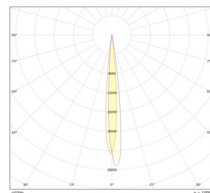


Light Bronze

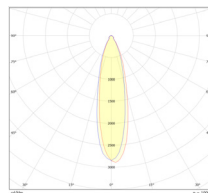


Dark Bronze

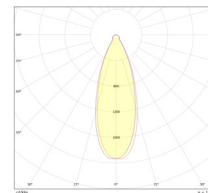
LIGHT DISTRIBUTION



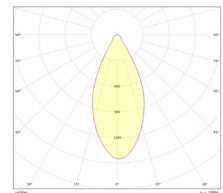
Beam Angle:15°



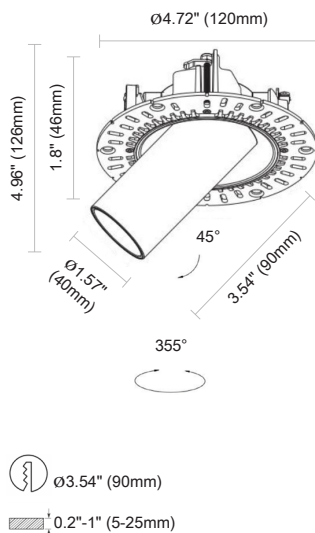
Beam Angle:24°



Beam Angle:38°



Beam Angle:60°





MODEL NAME: PSTL48

DESCRIPTION

- Recessed Adjustable Trimless Ceiling Spotlight
- Modularized
- 320 Degree Rotate and 45 Degree Tilt
- Easy Maintenance
- Dual Color Decorative Baffle
- This Product Is Supplied Without Driver

SPECIFICATIONS

POWER CONSUMPTION(±10%)	9W
INPUT VOLTAGE	24VDC
LUMINOUS FLUX	650Lm
DIMMING	Dimmable Via Remote Dimmable Driver
CCT	2700/3000/4000K
CRI	≥90
UGR	19
PHOTOBIOLOGICAL RISK	RG1
IP RATING	IP21
INSTALLATION TYPE	Ceiling Recessed
MATERIAL	Aluminium
LIFE TIME OF LED @TA=25°C	50.000hL90B20

FINISH COLOR

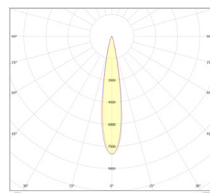
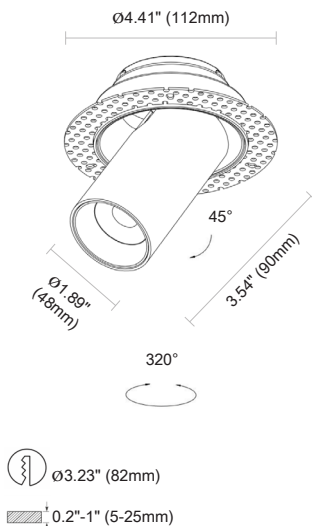


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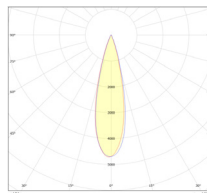


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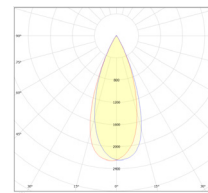
LIGHT DISTRIBUTION



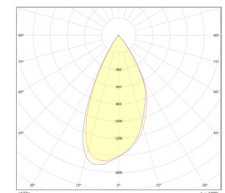
Beam Angle:15°



Beam Angle:24°



Beam Angle:36°



Beam Angle:50°



MODEL NAME: PSTL60

DESCRIPTION

- Recessed Adjustable Trimless Ceiling Spotlight
- 360 Degree Rotate and 80 Degree Tilt
- This Product Is Supplied Without Driver



SPECIFICATIONS

POWER CONSUMPTION(±10%)	10W
INPUT VOLTAGE	24VDC
LUMINOUS FLUX	800Lm
DIMMING	Dimmable Via Remote Dimmable Driver
CCT	2700/3000/4000K
CRI	90
UGR	<12
PHOTOBIOLOGICAL RISK	RG1
IP RATING	IP20
INSTALLATION TYPE	Ceiling Recessed
MATERIAL	Aluminium
LIFE TIME OF LED @TA=25°C	50.000hL80B20

FINISH COLOR



Black



White



Matt Black



Brushed Varnish

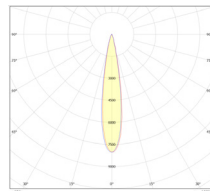
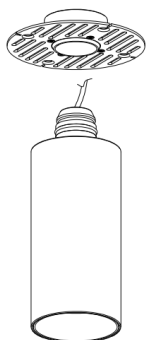
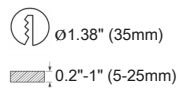
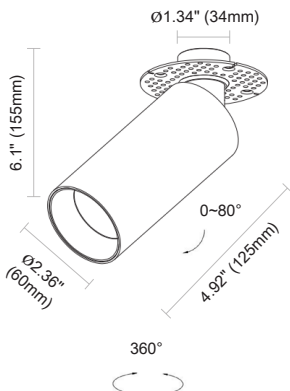


Light Bronze

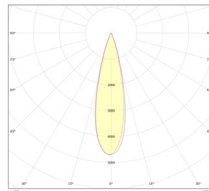


Dark Bronze

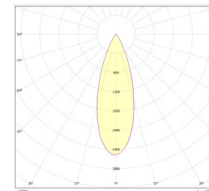
LIGHT DISTRIBUTION



Beam Angle:15°



Beam Angle:24°



Beam Angle:38°



MODEL NAME: PSGT40

DESCRIPTION

- Recessed Adjustable Trim Ceiling Spotlight
- Easy Maintenance
- Gyro Tilt
- Low Glare
- This Product Is Supplied Without Driver

SPECIFICATIONS

POWER CONSUMPTION(±10%)	12W
INPUT VOLTAGE	24VDC
LUMINOUS FLUX	794Lm
DIMMING	Dimmable Via Remote Dimmable Driver
CCT	2700/3000/4000K
CRI	90
UGR	16
PHOTOBIOLOGICAL RISK	RG1
IP RATING	IP21
INSTALLATION TYPE	Ceiling Recessed
MATERIAL	Aluminium
LIFE TIME OF LED @TA=25°C	50.000hL90B20

FINISH COLOR



Black



White

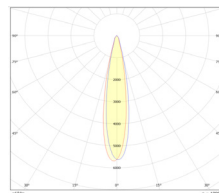
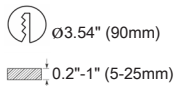
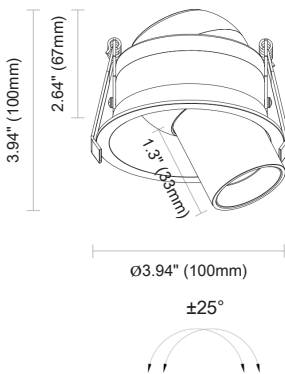


Dark Bronze

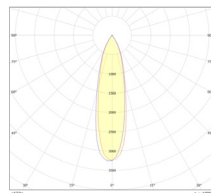


Gold

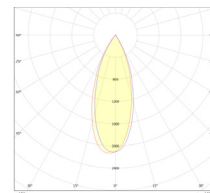
LIGHT DISTRIBUTION



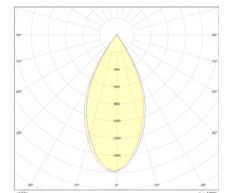
Beam Angle:15°



Beam Angle:24°



Beam Angle:36°



Beam Angle:50°



MODEL NAME: PSGTL40

DESCRIPTION

- Recessed Adjustable Trimless Ceiling Spotlight
- Easy Maintenance
- Gyro Tilt
- Plastic Trimless Kit
- This Product Is Supplied Without Driver

SPECIFICATIONS

POWER CONSUMPTION(±10%)	6W
INPUT VOLTAGE	24VDC
LUMINOUS FLUX	479Lm
DIMMING	Dimmable Via Remote Dimmable Driver
CCT	2700/3000/4000K
CRI	80/90
UGR	19
PHOTOBIOLOGICAL RISK	RG1
IP RATING	IP21
INSTALLATION TYPE	Ceiling Recessed
MATERIAL	Aluminium
LIFE TIME OF LED @TA=25°C	50.000hL90B10

FINISH COLOR

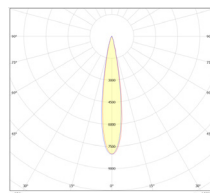
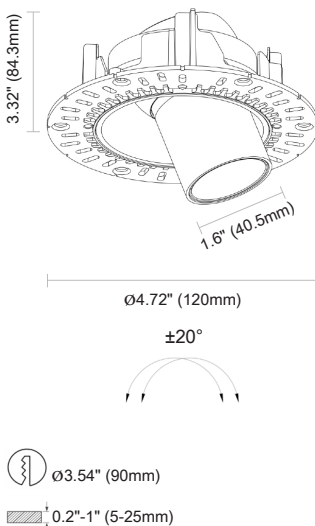


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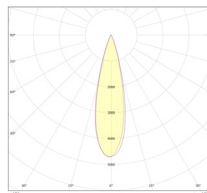


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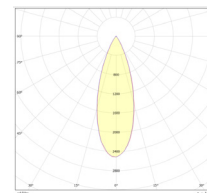
LIGHT DISTRIBUTION



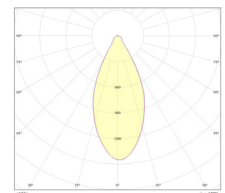
Beam Angle:15°



Beam Angle:24°



Beam Angle:36°



Beam Angle:60°

PRODUCT ORDERING GUIDE

EXAMPLE: PICO-PSTL40-10W-IP21-90-30K-38-V-BV

PICO	-PSTL40	-10W	-IP21	-90	-30K	-38	-V	-BV
Series	Model	Wattage	IP Rating	CRI	CCT	Beam Angle	Dimming	Finish Color

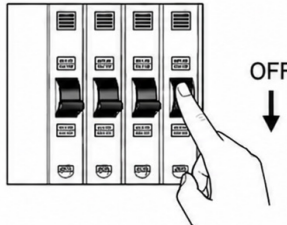
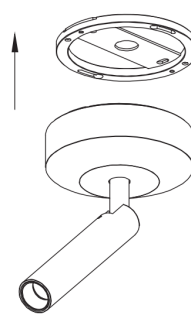
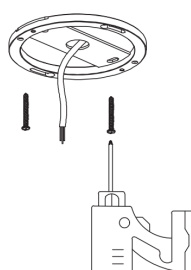
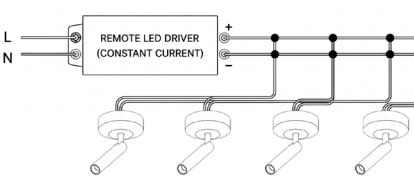
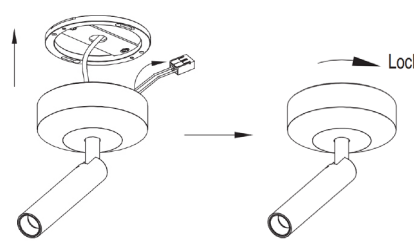
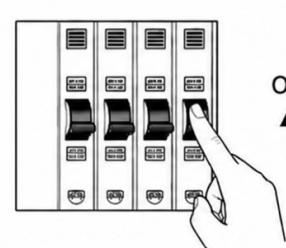
SERIES	MODEL	WATTAGE (LUMINOUS FLUX)	IP RATING	CRI	CCT	BEAM ANGLE	DIMMING	FINISH COLOR
PICO	PSS25	7W (230Lm)	IP21	90	27K: 2700K 30K: 3000K 40K: 4000K	15: 15° 24: 24° 36: 36° 50: 50°	V: 1-10V T: Triac N: None	BL: Black WH: White MB: Matt Black BV: Brushed Varnish LB: Light Bronze DB: Dark Bronze
	PST40	10W (600Lm)	IP21	90	27K: 2700K 30K: 3000K 40K: 4000K	15: 15° 24: 24° 38: 38° 60: 60°	V: 1-10V T: Triac N: None	BL: Black WH: White MB: Matt Black BV: Brushed Varnish LB: Light Bronze DB: Dark Bronze
	PST48	9W (650Lm)	IP21	90	27K: 2700K 30K: 3000K 40K: 4000K	15: 15° 24: 24° 36: 36° 50: 50°	V: 1-10V T: Triac N: None	BL: Black WH: White
	PST60	9W (785Lm)	IP54	93 97	27K: 2700K 30K: 3000K 40K: 4000K	18: 18° 24: 24° 36: 36° 55: 55°	V: 1-10V T: Triac N: None	BL: Black WH: White MB: Matt Black BV: Brushed Varnish LB: Light Bronze DB: Dark Bronze
	PSTL40	10W (600Lm)	IP20	90	27K: 2700K 30K: 3000K 40K: 4000K	15: 15° 24: 24° 38: 38° 60: 60°	V: 1-10V T: Triac N: None	BL: Black WH: White MB: Matt Black BV: Brushed Varnish LB: Light Bronze DB: Dark Bronze
	PSTL48	9W (650Lm)	IP21	90	27K: 2700K 30K: 3000K 40K: 4000K	15: 15° 24: 24° 36: 36° 50: 50°	V: 1-10V T: Triac N: None	BL: Black WH: White
	PSTL60	10W (800Lm)	IP20	90	27K: 2700K 30K: 3000K 40K: 4000K	15: 15° 24: 24° 36: 36°	V: 1-10V T: Triac N: None	BL: Black WH: White MB: Matt Black BV: Brushed Varnish LB: Light Bronze DB: Dark Bronze
	PSGT40	12W (794Lm)	IP21	90	27K: 2700K 30K: 3000K 40K: 4000K	15: 15° 24: 24° 36: 36° 50: 50°	V: 1-10V T: Triac N: None	BL: Black WH: White DB: Dark Bronze GL: GOLD
	PSGTL40	6W (479Lm)	IP21	80 90	27K: 2700K 30K: 3000K 40K: 4000K	15: 15° 24: 24° 36: 36° 60: 60°	V: 1-10V T: Triac N: None	BL: Black WH: White

INSTALLATION MANUAL FOR SURFACE MOUNT VERSION

Please read these instructions carefully before commencing installation and retain for future reference. If in doubt, we advise that you consult a qualified electrician to install the product. These products must not be modified. If any modification is made it may invalidate the warranty and may render the product unsafe. All electrical installations must be carried out according to national electrical code & local regulations.

Important Safety Notes

1. Switch off the electricity at the mains before commencing installation (if a fuse box is used) remove the appropriate circuit fuse to avoid accidental switching on of the mains supply.
2. Connect to a 120-277V supply in accordance with relevant electrical standards.
3. Make sure all connections are tight with no loose strands.
4. Ensure fire regulations are not breached when fitting your lights.
5. If you are in any doubt regarding these instructions, consult a qualified electrician.

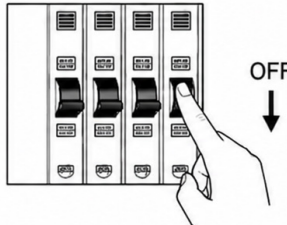
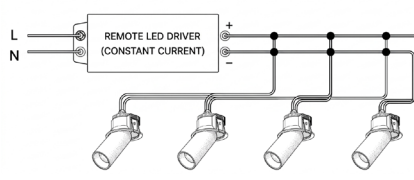
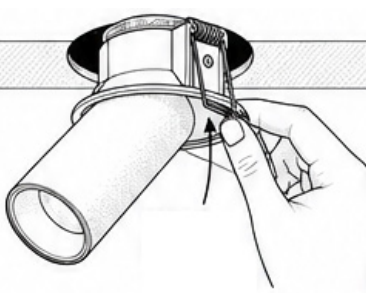
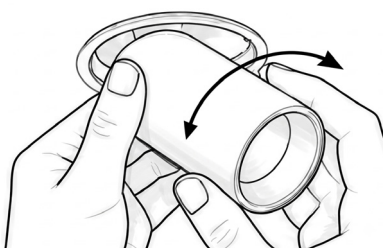
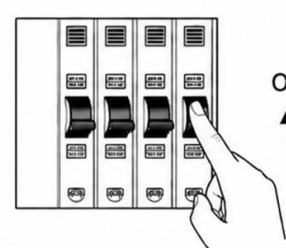
1 TURN OFF POWER  Switch off the electricity at the mains before commencing installation.	2 DISASSEMBLE  Separate the mounting bracket from the main base of the light fixture.	3 MOUNT BRACKET  Pull the power cable through the center of the mounting bracket and secure the bracket to the ceiling using screws.
4 MAKE ELECTRICAL CONNECTIONS  Connect the electrical wires to their corresponding terminals.	5 SECURE THE FIXTURE  Align the luminaire body with the fixed mounting bracket and plug in the internal wire connector. Then lock the main body onto the bracket securely until it clicks into place	6 RESTORE POWER  Switch on the power supply and test the lights.

INSTALLATION MANUAL FOR TRIM VERSION

Please read these instructions carefully before commencing installation and retain for future reference. If in doubt, we advise that you consult a qualified electrician to install the product. These products must not be modified. If any modification is made it may invalidate the warranty and may render the product unsafe. All electrical installations must be carried out according to national electrical code & local regulations.

Important Safety Notes

1. Switch off the electricity at the mains before commencing installation (if a fuse box is used) remove the appropriate circuit fuse to avoid accidental switching on of the mains supply.
2. Connect to a 120-277V supply in accordance with relevant electrical standards.
3. Make sure all connections are tight with no loose strands.
4. Ensure fire regulations are not breached when fitting your lights.
5. If you are in any doubt regarding these instructions, consult a qualified electrician.

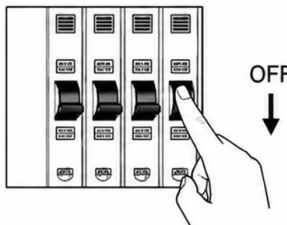
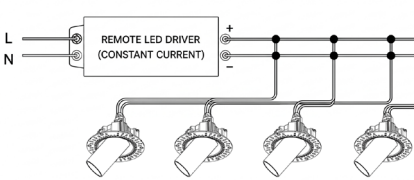
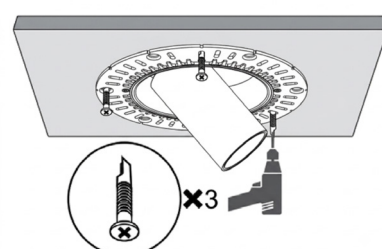
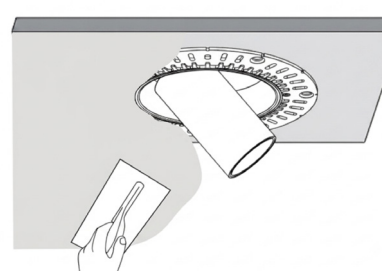
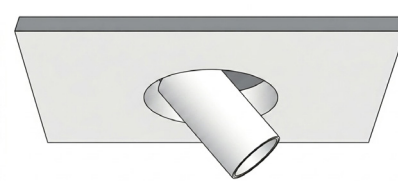
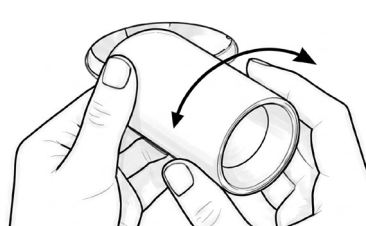
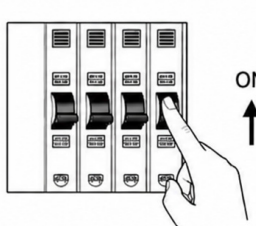
1 TURN OFF POWER  Switch off the electricity at the mains before commencing installation.	2 PREPARE CEILING OPENING  Cut holes in the ceiling as per the cutout size and ensure sufficient clearance is available above the ceiling for the fixture and driver.	3 MAKE ELECTRICAL CONNECTIONS  Connect the mains supply to the remote driver. Then connect driver output to the fixture.
4 INSERT FIXTURE  Compress the mounting springs and carefully insert the fixture into the ceiling opening until it sits flush against the ceiling surface.	5 AIM THE FIXTURE  Adjust the direction of the light by tilting and rotating the fixture to achieve the desired lighting angle.	6 RESTORE POWER  Switch on the power supply and test the lights.

INSTALLATION MANUAL FOR TRIMLESS VERSION

Please read these instructions carefully before commencing installation and retain for future reference. If in doubt, we advise that you consult a qualified electrician to install the product. These products must not be modified. If any modification is made it may invalidate the warranty and may render the product unsafe. All electrical installations must be carried out according to national electrical code & local regulations.

Important Safety Notes

1. Switch off the electricity at the mains before commencing installation (if a fuse box is used) remove the appropriate circuit fuse to avoid accidental switching on of the mains supply.
2. Connect to a 120-277V supply in accordance with relevant electrical standards.
3. Make sure all connections are tight with no loose strands.
4. Ensure fire regulations are not breached when fitting your lights.
5. If you are in any doubt regarding these instructions, consult a qualified electrician.

1 TURN OFF POWER  Switch off the electricity at the mains before commencing installation.	2 PREPARE CEILING OPENING  Cut holes in the ceiling as per the cutout size and ensure sufficient clearance is available above the ceiling for the fixture and driver.	3 MAKE ELECTRICAL CONNECTIONS  Connect the mains supply to the remote driver. Then connect driver output to the fixture.
4 FIX FIXTURE IN PLACE  Secure the fixture to the ceiling using the supplied screws.	5 APPLY PLASTER  Cover the perforated flange with joint compound and allow it to dry completely. Sand smooth, then apply primer and the final paint coat.	6 FINISHED LOOK  The trimless ring disappears completely.
7 AIM THE FIXTURE  Adjust the direction of the light by tilting and rotating the fixture to achieve the desired lighting angle.		8 RESTORE POWER  Switch on the power supply and test the lights.