

Date _____ Specifier _____ Project _____ Type _____

PIXIS FIVE MONOPOINT

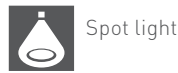


Magnetic modules designed for endless possibilities

Choose between three optics to see your lighting vision click into place

Discreet design ensure the device blends into the background

Application



Light output

Standard light output

Light source

775 lm @ 6.1 W, 3500K, 80 CRI

Reference configuration				Luminous Flux Density		Efficacy
CCT	CRI	FINISH	OPTIC	W	Delivered Lumens	
4000K	80	ABK	27°	8.0	700 lm	91 lm/W

Total Light Loss Factor (TLLF) calculation

CCT/CRI table						Finish table		Optics table	
CCT	CRI	LLF	CCT	CRI	LLF	FINISH	LLF	OPTIC	LLF
2700K	80	0.92	3000K	80	0.94	ABK	1.00	20°	1.00
	90	0.79		90	0.82			27°	1.00
3500K	80	0.96	4000K	80	1.00			40°	0.86
	90	0.85		90	0.89				

CCT/CRI LLF × Finish LLF × Optics LLF = TLLF

Actual light output

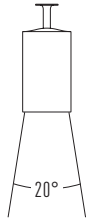
Example configuration				Reference LFD		Actual LFD
CCT	CRI	FINISH	OPTIC	W	Lum. Flux Density (LFD)	Lum. Flux Density (LFD)
2700K	90	ABK	40°	8.0	700 lm	476 lm
0.79 × 1.00 × 0.86 = TLLF 0.68						

Optical distributions

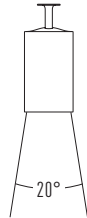
20° **20D**

LIGHT BEAM

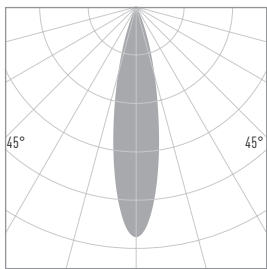
SIDE VIEW



FRONT VIEW



LIGHT DISTRIBUTION



3900 Cd, 663 delivered lumens

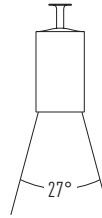
Height	Lux
2' (60cm)	10503
3' (90cm)	4668
5' (150cm)	1680
8' (240cm)	656
10' (300cm)	420

Beam angle 20°
Field angle 41°

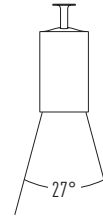
27° **27D**

LIGHT BEAM

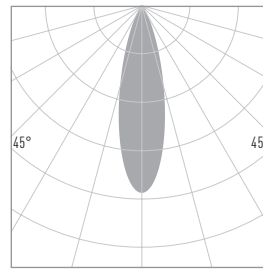
SIDE VIEW



FRONT VIEW



LIGHT DISTRIBUTION



2800 Cd, 670 delivered lumens

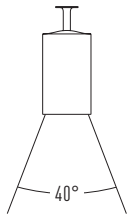
Height	Lux
2' (60cm)	7722
3' (90cm)	3432
5' (150cm)	1203
8' (240cm)	467
10' (300cm)	299

Beam angle 27°
Field angle 50°

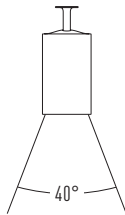
40° **40D**

LIGHT BEAM

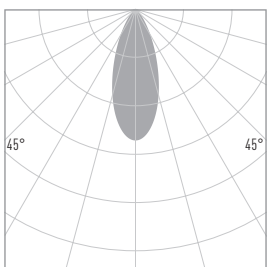
SIDE VIEW



FRONT VIEW



LIGHT DISTRIBUTION



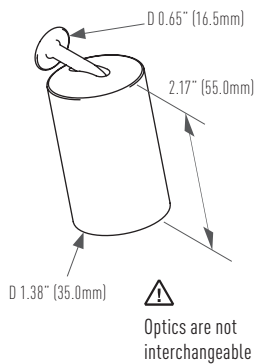
1000 Cd, 590 delivered lumens

Height	Lux
2' (60cm)	2691
3' (90cm)	1196
5' (150cm)	431
8' (240cm)	168
10' (300cm)	108

Beam angle 40°
Field angle 79°

Physical

GENERAL DIMENSIONS



ADJUSTMENTS



Finish

ABK

Anodized black



MW

Matte white



PC

Polished chrome



BC

Brushed chrome



PB

Polished brass



BB

Brushed brass



PG

Polished gold



BG

Brushed gold



TWB

Time worn brass



PBKN

Polished black nickel



Construction

Aluminium body

PC optics

Weight

0.22 lbs (100 g)

Ingress protection

IP20

Operating ambient temperature

0 °C to 40 °C

Storage temperature

0 °C to 40 °C at 50% humidity.

Electrical

i This product is a **DC LED Lighting Module**. The following are required to operate as a complete system (ordered separately)

Power Supply

24 VDC, Constant Voltage, PWM (if dimmable), Remote Installation

Recommended driver: Eclipse Light Manager LM-24V-100W-[...] [1% dim in 0-10V / DALI / Ecosystem]

MODULE CURRENT REGULATION

PASSIVE

DRIVER COMPATIBILITY

UNIVERSAL*

*following driver spec. req., works with all models

Input Voltage 24 VDC in Constant Voltage

Power 8.0 W (cold start) - 7.7 W (stable within minutes from startup)

Dimming Capable of operating down to 0.1% (depending on driver)

Wiring **Hardwired (HW):** UL listed, NEC/CEC compliant **plenum rated** white cable, 12.0" (0.3 m) - 20 AWG - Red (+) / Black (-), polarized with crimp butt splice connectors for permanent connection.

Plug and play (PNP): UL listed, NEC/CEC compliant **plenum rated** white cable, 120.0" (3.0 m), 6.0" (150 mm), 2.0" (50 mm) - 20 AWG - Red (+) / Black (-), polarized with either crimp butt splice connectors for permanent connection, lever-nut connectors or male quick connectors.

Safety Information cULus Listed, SELV, Class 2, Dry location only.

Installation **Hot pluggable:** magnetically mounted in a receptacle. These receptacles are permanently installed with either the architectural, trim, surface or millwork receptacle.

Receptacle wires: use only within application (AWM).

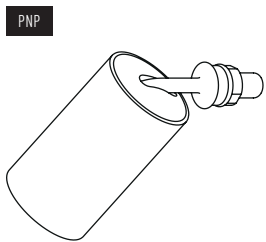
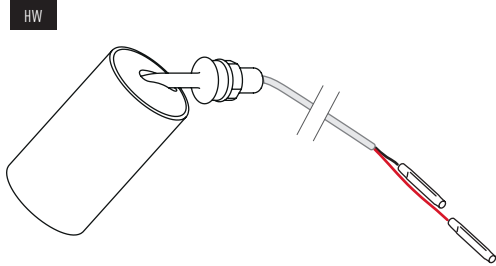
Handling: can be safely handled with bare hands during operation. Let cool down for 5 minutes or use non-slip gloves for comfortable handling.

Remote Limitations Up to 2.5 V of voltage loss due to remote driver cable length. See **LIGHT MANAGER** specifications to determine the maximum cable length per AWG.

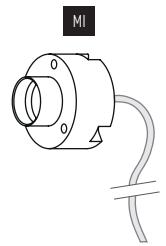
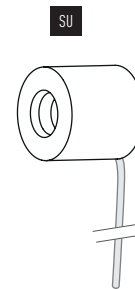
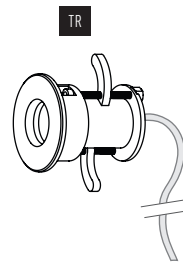
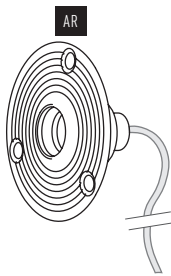
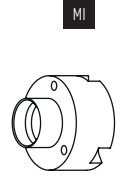
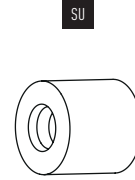
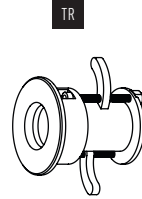
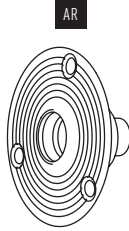
Applications Designed for monopoint applications. Can be mounted in/on walls, ceiling and furniture, in many environment such as residential, retail, museum and more.

General overview

LIGHT SOURCES



RECEPTACLES



Light source overview

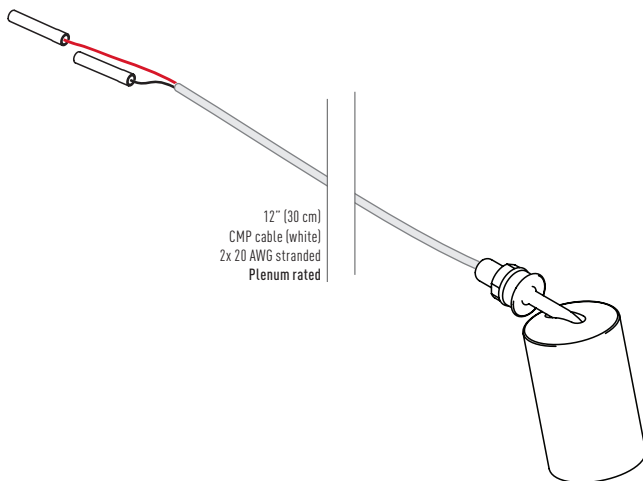
HARDWIRED OPTIONS

CABLE WITH BUTT SPLICE

B

12

B12 (CMP Cable with integrated inline Butt splice crimps) is required for hidden connection without junction box.

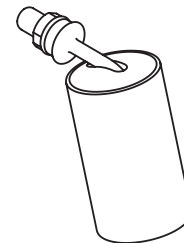


PLUG AND PLAY OPTIONS

NO WIRING

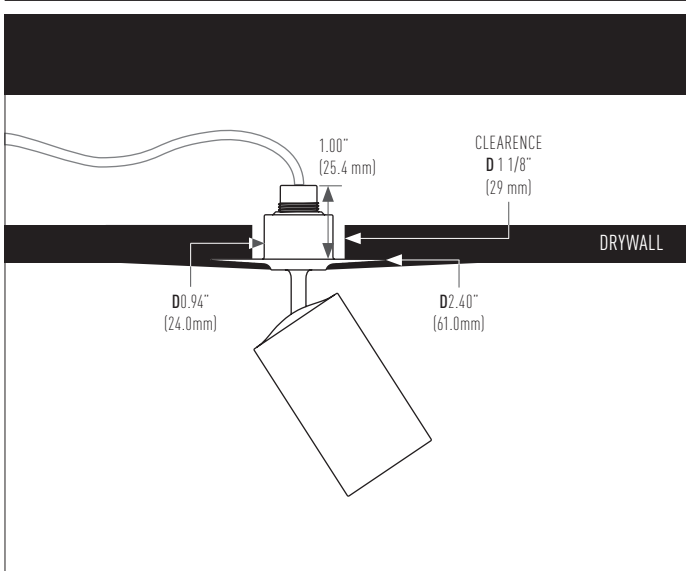
N/A

No wiring on the light source required. Wiring is on pnp receptacle.



Architectural receptacle overview

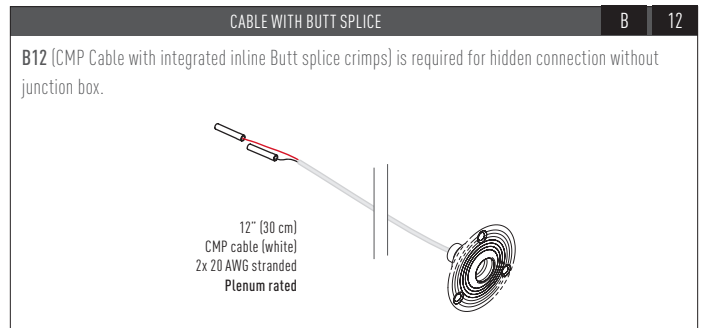
INTEGRATION DETAIL



HARDWIRED OPTION

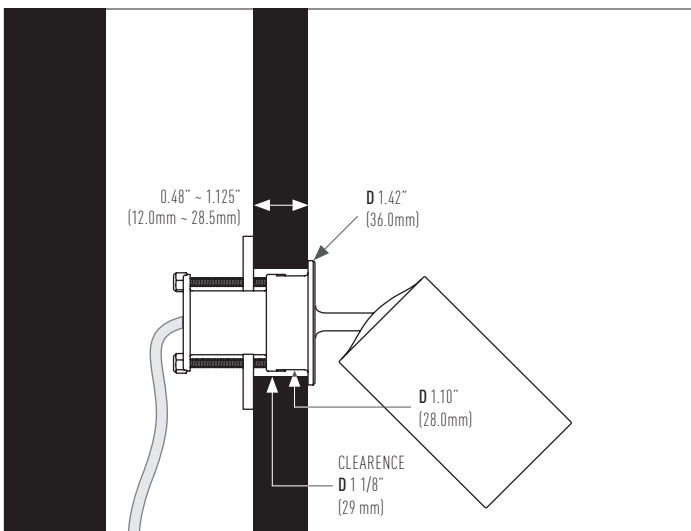


PLUG AND PLAY OPTION

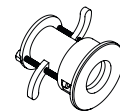


Trim receptacle overview

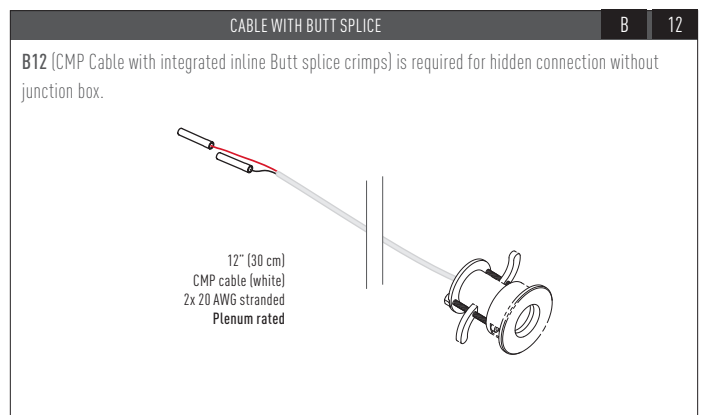
INTEGRATION DETAIL



HARDWIRED OPTION

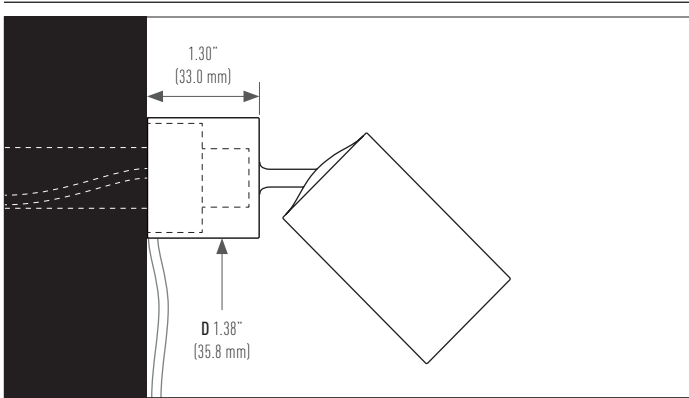


PLUG AND PLAY OPTION



Surface receptacle overview

INTEGRATION DETAIL



i Cable can pass through the wall or visible onto it. Expect your local electrical code to require this cable be enclosed in a surface raceway, metallic or non-metallic tubing (NMT). Consult with your electrical contractor prior to installation of type SU monopoint receptacle.

HARDWIRED OPTION



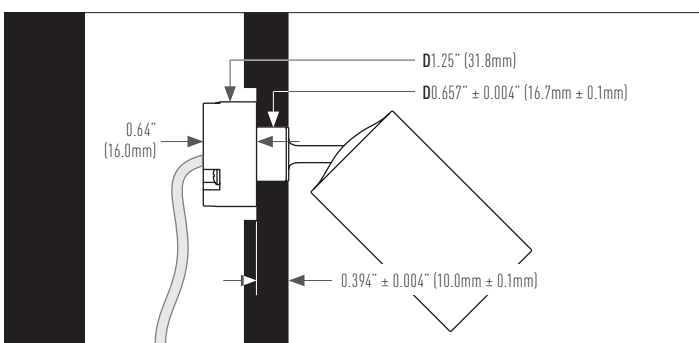
PLUG AND PLAY OPTION

CABLE WITH BUTT SPLICE	B	120
Standard cable with bare ends (included lever-nut connectors).		
120" (3 m) CMP cable (white) 2x 20 AWG stranded Plenum rated		

CABLE WITH BUTT SPLICE	B	###
Standard cable with bare ends (included lever-nut connectors).		
Custom length CMP cable (white) 2x 20 AWG stranded Plenum rated		

Millwork receptacle overview

INTEGRATION DETAIL



HARDWIRED OPTION



PLUG AND PLAY OPTION

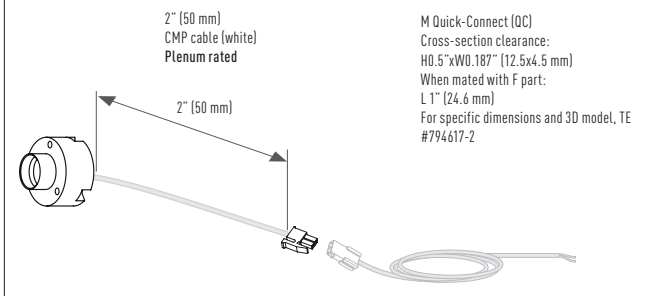
STANDARD CABLE	C	6
Standard cable with bare ends (included lever-nut connectors).		
6" (152mm) CMP cable (white) 2x 20 AWG stranded Plenum rated		

STANDARD CABLE	C	###
Standard cable with bare ends (included lever-nut connectors).		
Custom length CMP cable (white) 2x 20 AWG stranded Plenum rated		

MALE QUICK CONNECTOR

M 2

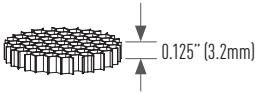
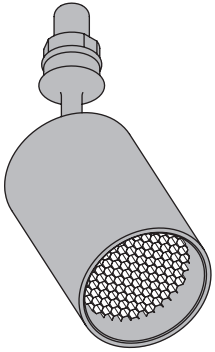
Standard cable with TE Mate-N-Lok Quick Connectors Mate with extension cable (Sold separately).



Optional accessories (to be ordered separately)

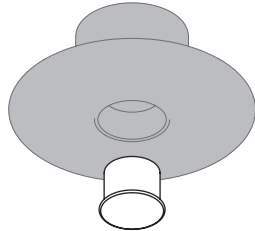
Hexcell louver

HCL-P5A



Monopoint cover (PNP only)

MP.MD-COV-1H-FINISH



Extension cable

CAB.W3564-120-F-C

CAB.W3564-###-F-C



Available in 20AWG 120" (3m) (standard) or 20AWG custom length. Compatible with M2 connector only.

Hardwired ordering code

LIGHT SOURCE

PRODUCT		CORE OPTIONS							EXT. OPTIONS		
ID	CONSTRUCTION TEMPLATE	INPUT	OUTPUT	NUMBER OF HEADS	SNOOT	FINISH	CCT CRI	OPTIC FILM	WIRING CONN.	WIRING LENGTH	
P5A	HW	24V	8W	1H	REG	ABK	2700K 80	20D	B	12	ABK Anodized black
P5A PIXIS FIVE model A	HW Hardwired				REG Regular snoot	MW		90			27D
						TWB	80	40D	TWB Time worn brass		
						PB	90	20D.H	PB Polished brass		
						BB	80	27D.H	BB Brushed brass		
						PC	90	40D.H	PC Polished chrome		
						BC	80	##D	BC Brushed chrome		
						PG	90	Optic only	PG Polished gold		
						BG		##D.H	BG Brushed gold		
						PBKN		Optic with Hexcell Louver	PBKN Polished black nickel		

EXAMPLE

P5A	HW	24V	8W	1H	REG	ABK	3500K80	40D	B12
-----	----	-----	----	----	-----	-----	---------	-----	-----

ORDERING CODE

RECEPTACLE

PRODUCT		CORE OPTIONS					
ID	CONSTRUCTION TEMPLATE	NUMBER OF HEADS	INSTALLATION TYPE	FINISH			
MP,MD	HW	1H	MI	ABK	MI Millwork installation	ABK Anodized black	PG Polished gold
MP,MD Monopoint receptacle (Medium). No cable.	HW Hardwired		AR	ABK	AR Architectural installation	MW Matte white	BG Brushed gold
			TR	MW	TR Trim installation (Only the visible part is available in multiple finishes)	TWB Time worn brass	PBKN Polished black nickel
			SU	TWB	SU Surface installation (Only the visible part is available in multiple finishes)	PB Polished brass	
				PB		BB Brushed brass	
				BB		PC Polished chrome	
				PC		BC Brushed chrome	
				BC		PG Polished gold	
				PG		BG Brushed gold	
				BG		PBKN Polished black nickel	
				PBKN			

EXAMPLE

MP,MD	HW	1H	MI	ABK
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Plug and play ordering code

LIGHT SOURCE

PRODUCT		CORE OPTIONS							
ID	CONSTRUCTION TEMPLATE	INPUT	OUTPUT	NUMBER OF HEADS	SNOOT	FINISH	CCT CRI	OPTIC FILM	
P5A	PNP	24V	8W	1H	REG	ABK	2700K	80	20D
						MW		90	27D
P5A PIXIS FIVE model A	PNP Plug and play				REG Regular snoot	TWB	3000K	80	40D
						PB		90	20D.H
						BB	3500K	80	27D.H
						PC		90	40D.H
						BC	4000K	80	##D Optic only
						PG		90	
						BG			##D.H Optic with Hexcell louer
PBKN									

- ABK**
Anodized black
- MW**
Matte white
- TWB**
Time worn brass
- PB**
Polished brass
- BB**
Brushed brass
- PC**
Polished chrome
- BC**
Brushed chrome
- PG**
Polished gold
- BG**
Brushed gold
- PBKN**
Polished black nickel

ORDERING CODE	EXAMPLE	P5A	-	PNP	-	24V	-	8W	-	1H	-	REG	-	ABK	-	3500K80	-	40D
			-		-		-		-		-		-		-		-	
			-		-		-		-		-		-		-		-	
			-		-		-		-		-		-		-		-	

RECEPTACLE

PRODUCT		CORE OPTIONS			EXTENDED OPTIONS				
ID	CONSTRUCTION TEMPLATE	NUMBER OF HEADS	INSTALLATION TYPE	FINISH	WIRING CONN.	WIRING LENGTH			
MP,MD	PNP	1H	MI	ABK	C	6			
					M	2			
MP,MD	PNP								
Monopoint receptacle (Medium), Incl. Cable	Plug and play								
			AR	ABK	B	12			
			SU	ABK	B	120			
				MW		###			
				TWB					
				PB					
				BB					
				PC					
				BC					
				PG					
				BG					
				PBKN					
			TR	ABK	B	12			
				MW					
				TWB					
				PB					
				BB					
				PC					
				BC					
				PG					
				BG					
				PBKN					

MI
Millwork installation

AR
Architectural installation

TR
Trim installation (Only the visible part is available in multiple finishes)

SU
Surface installation (Only the visible part is available in multiple finishes)

ABK
Anodized black

MW
Matte white

TWB
Time worn brass

PB
Polished brass

BB
Brushed brass

PC
Polished chrome

BC
Brushed chrome

PG
Polished gold

BG
Brushed gold

PBKN
Polished black nickel

B 12
12" CMP cable (2x 20 AWG) with inline butt splice crimps. Required for ceiling and wall installation.

C
CMP cable with bare wire ends and lever-nut connectors

M 2
Male Quick Connect with 2" CMP cable

ORDERING CODE	EXAMPLE	MP,MD	-	PNP	-	1H	-	MI	-	ABK	-	C47
			-		-		-		-		-	
			-		-		-		-		-	
			-		-		-		-		-	

Accessories ordering code

Hexcell louver

HCL P5A

ORDERING CODE

<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>

Monopoint cover (PNP only)

MP.MD	COV	1H	ABK
			MW
			TWB
			PB
			BB
			PC
			BC
			PG
			BG
			PBKN

EXAMPLE

MP.MD - COV - 1H - ABK

ORDERING CODE

<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>

ABK
Anodized black

BB
Brushed brass

PG
Polished gold

MW
Matte white

PC
Polished chrome

BG
Brushed gold

TWB
Time worn brass

BC
Brushed chrome

PBKN
Polished black nickel

PB
Polished brass

Extension cable

CAB.W3564 120 F C
###

120
120" (3m) standard length

Custom length in inches

EXAMPLE

CAB.W3564 - 146 - F - C

ORDERING CODE

<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
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Warranty

Our products and relative parts are guaranteed for **three (3) years**. See our terms and conditions on www eklipselighting.com