EDGESolo525 Pendant

5.25" Edge-Lit Linear LED Pendant Mount

XICO®

5.25"

Scale

Remote Driver

Designed & Built in
BOSTON

Declare

Red List Free
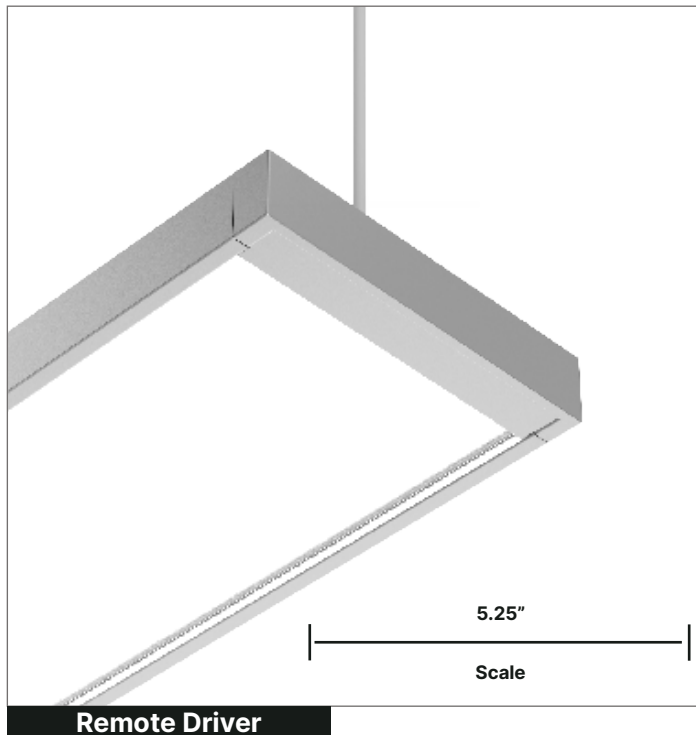
Features & Benefits

Exceptional Performance
5.25"(W) x 1"(H). Up to 1,500 lm/ft, 135 lm/W efficacy

Wide Range of LED Selections
Static and Tunable White

Designed with Options
Wide choice of SmartOptic® lenses, beam distributions, 80/90/95+ CRI, 2200K to 5000K CCT, and 0-10V, DALI, DMX, and TRIAC dimming

Patented Innovations
Fusion® Optix Inside with unique SmartBeam® capabilities

Proprietary Optical Components
Provides excellent light distribution and high-transmission

Committed to Sustainability
Declare Listed and Red Free List materials

Compliance
UL Listed, Dry and Damp Locations

5-Year Warranty
Standard 5-year warranty, 50,000 hours

FIXTURE ORDERING

Project Name	
Fixture Type	

1) FIXTURE DESIGN

PRODUCT	LENGTH	FINISH	END CAP	OPTIC (DIRECT ONLY)
ESO525-P				

PRODUCT	LENGTH		FINISH		END CAP		OPTIC (DIRECT ONLY)	
5.25" Edge-Lit Linear LED Pendant Mount	**2**	2'	**MWH**	Matte White (RAL9003)	**E1**	Flat End Cap	**OFL**	Flush Lens
	4	4'	**MBK**	Matte Black (RAL9005)	**E2**	Chamfered End Cap	**ORL**	Regressed Lens
	6	6'	**MGR**	Matte Gray (RAL7001)				
	8	8'	**CAE**	Clear Anodized Effect				
	10	10'	**RAL_**	Specify RAL#				
	X_	Specify X', Y"						

2) LED LIGHT ENGINE

CRI		CCT		DIRECT BEAM PATTERN		DIRECT OUTPUT		INDIRECT BEAM PATTERN		INDIRECT OUTPUT	
S80	Std. 80 CRI	**22**	2200K	**DLAM**	Lambertian	**35**	350 lm/ft	**NN**	Not Needed	**NN**	Not Needed
S90	Std. 90 CRI	**27**	2700K	**DBW65**	Batwing 65°	**50**	500 lm/ft	**ILAM**	Lambertian	**35**	350 lm/ft
HE80	High-Eff. 80 CRI	**30**	3000K	**DA5025**	Asymmetric 50°	**75**	750 lm/ft	**IBW120**	Batwing 120°	**50**	500 lm/ft
HE90	High-Eff. 90 CRI	**35**	3500K		at 25° Tilt	**100**	1,000 lm/ft	**IFT150**	FlatTop 150°	**75**	750 lm/ft
HD95	High-Def. 95 CRI	**40**	4000K	**X_**	Specify Beam	**X_**	Specify lm/ft	**IA6040**	Asymmetric 60° at 40° Tilt	**100**	1,000 lm/ft
SUN	Full SunLike	**50**	5000K							**X_**	Specify lm/ft
		X_	Specify CCT					**IA4560**	Asymmetric 45° at 60° Tilt		
								X_	Specify Beam		

3) FIXTURE POWER & CONTROLS

LINE VOLTAGE (DC)		REMOTE DRIVER (POWER)		REMOTE DRIVER BOX[1]		EMERGENCY BACKUP		CONTROL SYSTEM[3]	
UNV	120/277V	**FDND**	Factory Non-Dimming	**NN**	Not Needed	**NN**	Not Needed	**NN**	Not Needed
347	347V	**FD01**	Factory 0-10V 1% Dim	**RLDB**[2]	Remote Linear Driver Box (driver included by default)	**EMC**	Emergency Circuit	**LUT**	Lutron
		FD10	Factory 0-10V 10% Dim			**EMB**	Emergency Battery (10 W — Remote)	**COO**	Cooper
		FDDA	Factory DALI 0.1% Dim	**RX2D**[2]	Optional Remote XBox2 Driver, Up to 2 Drivers	**X_**	Specify Backup	**CAS**	Casambi
		FDDX	Factory DMX Dim					**X_**	Specify Control System
		FDTR	Factory TRIAC Dim	**RX3D**[2]	Optional Remote XBox3 Driver, Up to 3 Drivers				
		LD01	Lutron Hi-Lume 1% Dim						
		LD05	Lutron 5-Series 5% Dim	**RX5D**[2]	Optional Remote XBox5 Driver, Up to 5 Drivers				
		ED00	eldoLED 0-10V 0.1% Dim						
		ED01	eldoLED 0-10V 1% Dim						
		EDDA	eldoLED DALI 0.1% Dim						
		X_	Specify Driver						

4) FIXTURE MOUNTING & CONNECTIONS

| MOUNTING TYPE		CANOPY				POWER CORD	
DJ	Drywall/J-Box Mount	**RCWH2**	2" Round Canopy, White	**SQCWH2**	2" Square Canopy, White	**S48WH**	48" White Cable Kit
T1	9/16" Flat T-Bar Mount	**RCBK2**	2" Round Canopy, Black	**SQCBK2**	2" Square Canopy, Black	**S48BK**	48" Black Cable Kit
T2	9/16" Bolt Slot T-Bar Mount	**RCWH5**	5" Round Canopy, White	**SQCWH5**	5" Square Canopy, White	**S96WH**	96" White Cable Kit
T3	15/16" Flat T-Bar Mount	**RCBK5**	5" Round Canopy, Black	**SQCBK5**	5" Square Canopy, Black	**S96BK**	96" Black Cable Kit

Footnotes: [1] Remote distance is dependent on driver type, up to 100' (30.5 m).   [2] Creates a clean and organized power solution for multiple fixture installations.
[3] The control system and driver must be compatible.

OPTIC	BEAM PATTERN		
	DLAM	**DBW65**	**DA5025**
Flush Lens	●	●	●

DIRECT PHOTOMETRICS

Static White Light

DLAM: Lambertian

DBW65: Batwing 65°

DA5025: Asymmetric 50° at 25° Tilt
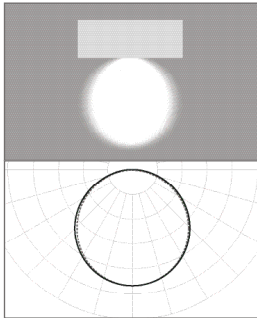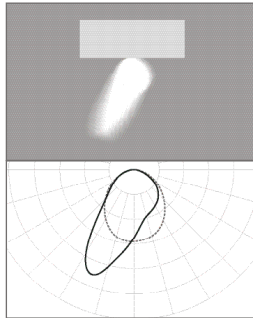
Length	48"	**Length**	48"	**Length**	48"
LED	HE80	**LED**	HE80	**LED**	HE80
CRI/CCT	80+/3500K	**CRI/CCT**	80+/3500K	**CRI/CCT**	80+/3500K
Lumens	3,000	**Lumens**	3,000	**Lumens**	3,000
lm/ft	746	**lm/ft**	743	**lm/ft**	738
Watts	27	**Watts**	27	**Watts**	10.5
W/ft	6.8	**W/ft**	6.8	**W/ft**	5.3
LPW	110	**LPW**	109	**LPW**	141

INDIRECT PHOTOMETRICS

Static White Light

ILAM: Lambertian
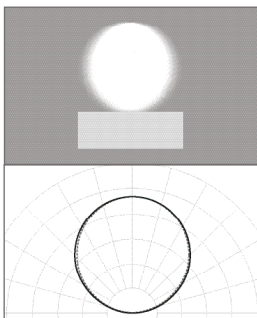
IBW120: Batwing 120°
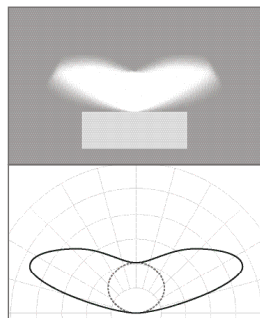
IFT150: FlatTop 150°
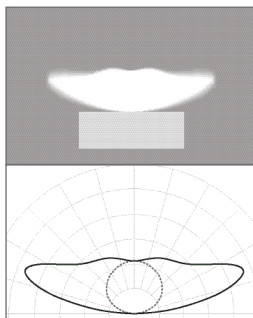
IA6040: Asymmetric 60° at 40° Tilt
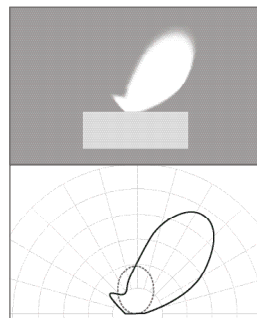
IA4560: Asymmetric 45° at 60° Tilt

Length	48"	**Length**	48"	**Length**	48"	**Length**	48"	**Length**	48"
LED	HE80	**LED**	HE80	**LED**	HE80	**LED**	HE80	**LED**	HE80
CRI/CCT	80+/3500K	**CRI/CCT**	80+/3500K	**CRI/CCT**	80+/3500K	**CRI/CCT**	80+/3500K	**CRI/CCT**	80+/3500K
Lumens	4,000	**Lumens**	4,000	**Lumens**	4,000	**Lumens**	4,000	**Lumens**	4,000
lm/ft	1,000	**lm/ft**	1,017	**lm/ft**	1,004	**lm/ft**	991	**lm/ft**	991
Watts	28	**Watts**	25	**Watts**	26	**Watts**	28	**Watts**	28
W/ft	7	**W/ft**	6.3	**W/ft**	6.5	**W/ft**	7	**W/ft**	7
LPW	150	**LPW**	162	**LPW**	155	**LPW**	143	**LPW**	143

FIXTURE DESIGN

Dimensions

Adjustable Suspension Points

Ø 2.1" (53.3 mm)

Power Cable (Adjustable)

0.98" (25 mm)

Adjustable 4' or 8' (1.2 m or 2.4 m) Maximum

2.75" (70 mm)

2' (0.6 m), 4' (1.2 m), 6' (1.8 m), 8' (2.4 m), or Maximum 10' (3 m)

2.75" (70 mm)

FLUSH LENS
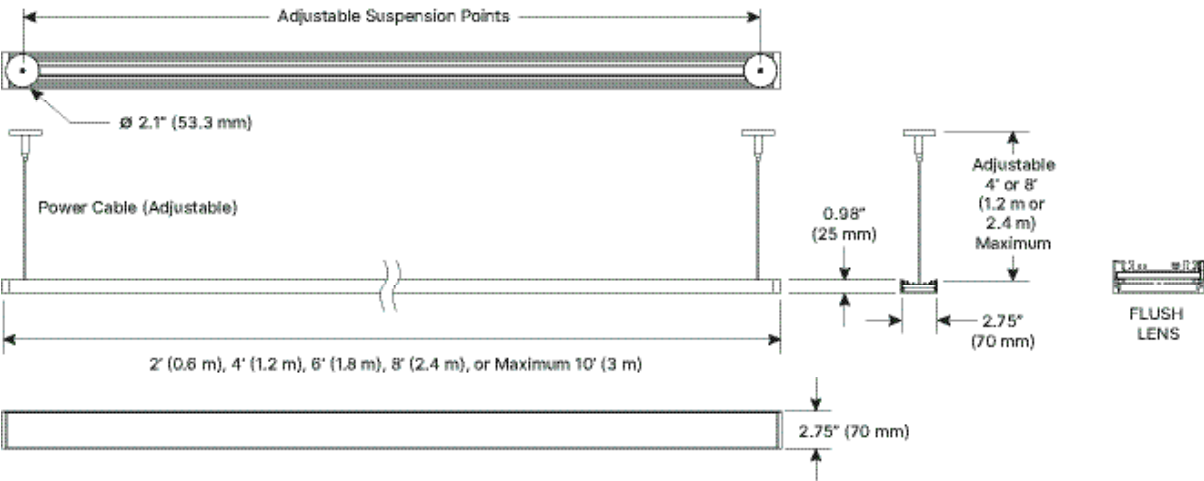
To download BIM (Revit) Files, please click or scan the QR Code.

Length

| **Length Options** | 2', 4', 6', 8', 10' nominal, or custom within 3" |

Finish

Housing Colors (Matte Finish)

White (RAL9003)   Black (RAL9005)   Gray (RAL7001)   Clear Anodized Effect   Custom RAL

| **Housing Material** | 6063-T5 extruded, recycled aluminum |
| **Mounting Brackets** | Sheet metal |

End Cap

| **End Cap Option** | Chamfered |
| **End Cap Material** | Machined or cast aluminum |

Optic

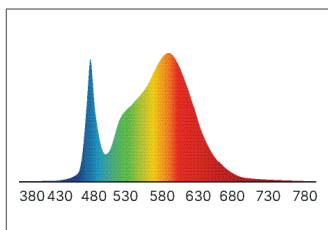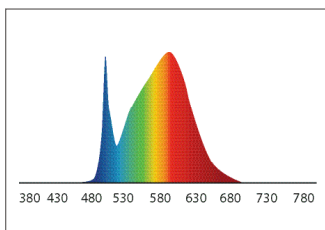| **Lens Option** | Flush |
| **Lens Material** | Patented SmartOptics® made from Acrylic (PMMA) |

Voltage

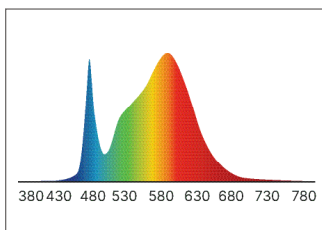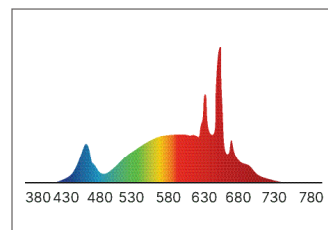| **Fixture Voltage (AC)** | 120–277 VAC and 347 VAC, 50/60 Hz |

LED SELECTION GUIDE

S80: Standard 80+ CRI

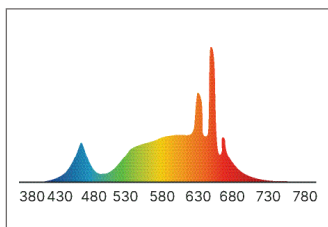
S90: Standard 90+ CRI

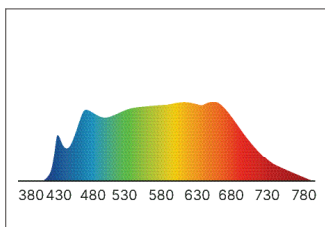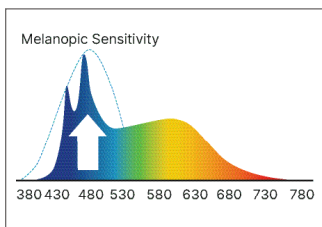**HE80: High-Efficiency 80+ CRI**

HE90: High-Efficiency 90+ CRI
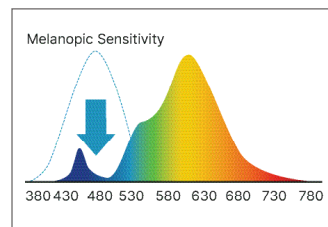

HD95: High-Definition 95+ CRI

SUN: Full Spectrum "SunLike"

HCD: Human Centric Day

HCN: Human Centric Night

Static White Light (LED Light Engine Only)

CODE	DESCRIPTION	TYPICAL LED DATA							
		CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	M/P Ratio	LPW
S80	Standard 80 CRI	3500K	82.5	7.8	84	96.7	82.5	0.51	190
S90	Standard 90 CRI	3500K	91	54.3	89.3	98.9	89.2	0.55	175
HE80	High Efficiency 80 CRI	3500K	82.1	5.9	83	94.2	81.2	0.52	210
HE90	High Efficiency 90 CRI	3500K	92.2	90	90.7	103.8	92.1	0.56	190
HD95	High Definition 95 CRI	3500K	97.1	95	–	–	–	0.70	163
SUN	Full Spectrum SunLike®	3500K	95	85	–	–	–	–	130
HCD	Human Centric Day	4000K	83	95	–	–	–	0.92	155
HCN	Human Centric Night	2700K	80	–	–	–	–	0.44	134

LPW Efficacy Conversion Chart

CODE	CCT SELECTED							
	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
S80	–	0.91	0.96	1.00	1.04	1.11	1.11	1.11
S90	–	0.91	0.96	1.00	1.04	1.11	1.11	1.11
HE80	–	0.96	0.99	1.00	1.03	1.04	1.03	1.03
HE90	–	0.91	0.96	1.00	1.04	1.11	N/A	N/A
HD95	–	0.91	0.96	1.00	1.04	1.11	1.03	1.04
SUN95	–	0.90	0.92	1.00	1.01	1.07	1.04	1.05
HCD	–	N/A	0.96	1.00	1.04	1.04	1.04	1.04
HCN	–	0.87	0.96	1.00	1.04	N/A	N/A	N/A

SMARTBEAM® TECHNOLOGY

The Ultimate Control of Lighting Distributions

SmartBeam makes it easy to specify the exact light required for any architectural space. Available in every XICO product; it is now possible to create truly tailored and engaging lighting that transform spaces, improves visual comfort, and saves energy.

To learn more about our SmartBeam Technology, please click or scan the QR Code.

FIXTURE POWER & CONTROLS

Voltage

LED Driver	Factory Selected, 36–39V Constant Current

Emergency Backup

Backup Types	Emergency Circuit, Emergency Battery (Remote), and other emergency backups are available
Wiring	Typically the Emergency Backup is wired to 48" sections
Power	10 W
Illumination Time	90 minutes

Partners

☀LUTRON.	COOPER	CASAMBI	eldoLED

| **Control Systems**	**Remote Drivers (Sold Separately)**
Other	Factory Non-Dimming, Factory 0-10V 1% Dim, Factory 0-10V 10% Dim, Factory DALI 0.1% Dim, Factory DMX Dim, Factory TRIAC Dim, eldoLED 0-10V 0.1% Dim, eldoLED 0-10V 1% Dim, eldoLED DALI 0.1% Dim, and other drivers are available, consult factory (not all integral)
Lutron	Hi-Lume 1% Dimming and 5-Series 5% Dimming
Cooper	Compatible driver
Casambi (wireless)	Compatible driver
XBox	
Remote Driver Boxes (Optional)	To create a clean and organized power solution for multiple fixture installations see our XBox Specification Guide. Reach out to a XICO Sales Representative to discuss you projects needs.
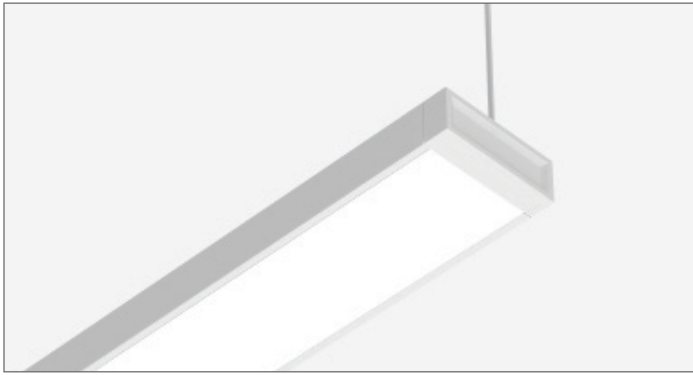
Flush Lens

FIXTURE MOUNTING & CONNECTIONS

Mounting Type

T-Bar Mount   Installs into a ceiling grid system and mount on to, or replace, typical T-Bar elements. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Drywall/J-Box Mount   Installs onto a surface via a junction box. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Canopy

Canopy Sizes & Shapes   2" and 5", Round and Square

Canopy Colors

White (RAL9003)   Black (RAL9005)

Canopy Material   Powder Coated Steel

Power Cords

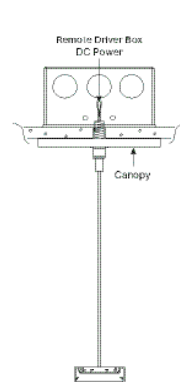**48" Cable Kit**   White and Black

96" Cable Kit   White and Black
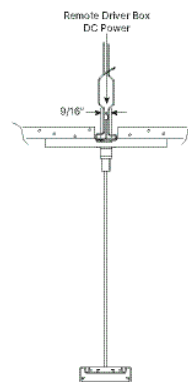
Mounting Options

Typically suspended at a distance of between 24" and 72". Supplied hardware includes:

• Cable length adjustable at fixture level

• Standard 96" cord length or custom length

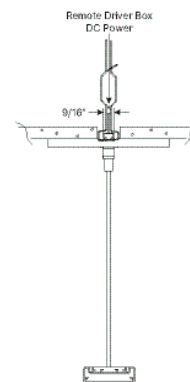• Internal brackets to eliminate light leakage at joints
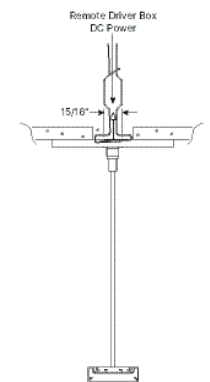

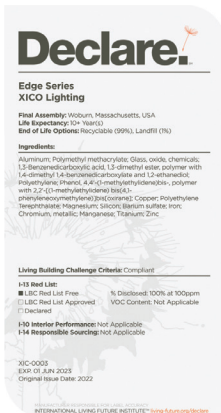DJ - Drywall/J-Box Mount   T1 - 9/16" Flat T-Bar Mount   T2 - 9/16" Bolt Slot T-Bar Mount   T3 - 15/16" Flat T-Bar Mount

STANDARDS & CERTIFICATIONS

Declare Listed

Declare labels provide a quick and reliable way to make choices about the environmental footprint and safety of the product. Declare is internationally recognized and the labels can be found on the product, product packaging, or company website. Visit **xicoled.com** for Declare Listed details.

Red List Free

An industry standard certification for LED lighting products based on the International Living Future Institute (ILFI). These products only use materials based on the "Red List of Toxic Chemicals" (a list of chemicals and materials known to be hazardous to people and/or the Earth) that are safe, healthy, and environmentally sustainable.

Certifications

Compliance	BAA & TAA compliant in-house manufacturing in Boston, MA with North American supply chain
Certifications	UL LISTED · CSA · RoHS 2002/95/EC · IC RATED
Sustainability	Declare Listed and Red List Free
Packaging	Low carbon, environmentally conscious packaging and shipping methods

Environmental Suitability

IP Rating	Suitable for Dry and Damp Locations, indoor use only
Recyclable	SmartOptics and all powder coated and anodized parts are fully recyclable at end of life

Reliability

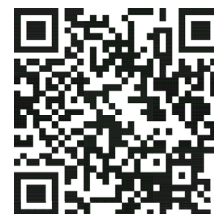|	
Manufacturing	All XICO products and associated optics and LED engines are assembled at our factory in Woburn, MA
Quality Assurance	Each product is engineered reliability and quality assurance tested

Warranty & Terms

5-YR Warranty

Business Terms

For details on our warranty and business terms, please click or scan the QR Code.

PATENTS & TRADEMARKS

To learn more about our unique technologies, please click or scan the QR Code.

Utility Patents

United States
US11543582, US11520097, US11512466, US11441749, US11396751, US11333822, US11163104, US11156762, US10852466, US10068447, US8953926, US8948564, US8911099, US8876348, US8794812, US8783898, US8761565, US8750671, US8721152, US8619363, US8430548, US8408775, US8249408, US8231256, US8177408, US8033706, US8033674, US7991257, US7914192, US7784954, US7758227, US7722224, US7542635, US7453636, US7453635, US7431489, US7408707, US7278775, US6369944, US6346311, US6123877, US5932342, US5837346, US20220373144, US20220372752, US20220364708, US20220357006, US20220357005, US20220342141, US20220290432, US20220206210A1, US20220171119A1, US20220171115A1, US20220162856A1, US20220162853A1, US20220146063A1, US20220137287, US20210301991A1, US20200355345A1, US20200217071A1, US20220333765A1, US20220228366A1, US20220196906A1, US20220010554A1, US20080043490A1, US20060290253A1, US20060215958A1, US20120321247, US20120250330, US20120099204

Canada
CA2702600, CA2702685, CA2702690

France
FREP0800658

Germany
DEEP0800658

Great Britain
GB2492541, GB2492542, GBEP0800658, GB2492398

Japan
JP03958359

Netherlands
NLEP0800658

Taiwan
FTW360813B

European Patent Organization
EP0843203, EP0843203

Design Patents

United States
USD719282, USD717973, USD669606, USD669608, USD669609, USD669614, USD663056

The Patent Corporation Treaty

World Intellectual Property Organization
WO2015200268

Trademarks

United States
US6672871, US6397231, US6373493, US6257728, US6190558, US6190559, US6142905, US6114408, US6038234, US6025279, US6060740, US6257729, US5856164, US5734112, US5543304, US5309290, US5309315, US4691124, US4640751

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