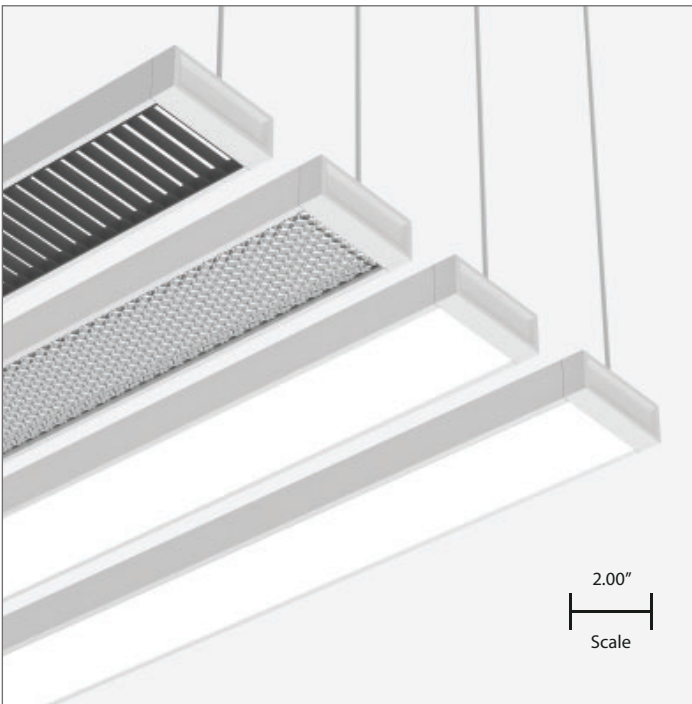


EDGESolo200 Pendant

2.0" Edge-Lit Linear LED Pendant Mount



Features & Benefits

Exceptional Performance

Up to 1,000 lm/ft Direct Only or 1,500 Lm/ft Bi-directional, 135 lm/W efficacy.

Wide Range of LED Selections

Single White and Tunable White. High quality LEDs in 80/90/95+ CRI, 2200K to 5000K CCT.

Designed with Lighting & Control Options

Wide choice of SmartOptic® lenses, beam distributions, 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.



Designed & Built in
BOSTON



FIXTURE ORDERING

Project Name

Fixture Type

1) FIXTURE DESIGN

PRODUCT	LENGTH	FINISH	END CAP	OPTIC (DIRECT ONLY)
ESO200-P				
2.00" Edge-Lit Linear LED Pendant Mount	2FT 2ft Nominal 4FT 4ft Nominal 6FT 6ft Nominal 8FT 8ft Nominal 10FT 10ft Nominal X_ Specify X', Y"	Powder Coated Colors PMW Matte White (RAL9003) PMB Matte Black (RAL9005) PMG Matte Gray (RAL7001) PCAE Clear Anodized Effect PRAL_ Specify RAL#	E1 Flat End Cap E2 Chamfered End Cap	OFL Flush Lens RFL Regressed Flush Lens RFL-WLB RFL + White Linear Baffle RFL-BLB RFL + Black Linear Baffle RFL-WHB RFL + White Hexagonal Baffle RFL-BHB RFL + Black Hexagonal Baffle

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° at 25° Tilt	75 750 lm/ft	IBW120 Batwing 120°	50 500 lm/ft
HE90 High-Eff. 90 CRI	35 3500K	X_ Specify Beam	100 1,000 lm/ft	IFT150 FlatTop 150°	75 750 lm/ft
HD95 High-Def. 95 CRI	40 4000K		X_ Specify lm/ft	IA6040 Asymmetric 60° at 40° Tilt	100 1,000 lm/ft
SUN Full SunLike	50 5000K			IA4560 Asymmetric 45° at 60° Tilt	X_ Specify lm/ft
	X_ Specify CCT			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	RLDB² Remote Linear Driver Box (driver included by default)	EMC Emergency Circuit	LUT Lutron
	FD10 Factory 0-10V 10% Dim	RX2D² Optional Remote XBox2 Driver, Up to 2 Drivers	EMB Emergency Battery (10 W — Remote)	COO Cooper
	FDDA Factory DALI 0.1% Dim	RX3D² Optional Remote XBox3 Driver, Up to 3 Drivers	X_ Specify Backup	CAS Casambi
	FDDX Factory DMX Dim	RX5D² Optional Remote XBox5 Driver, Up to 5 Drivers		X_ Specify Control System
	FDTR Factory TRIAC Dim			
	LD01 Lutron Hi-Lume 1% Dim			
	LD05 Lutron 5-Series 5% Dim			
	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

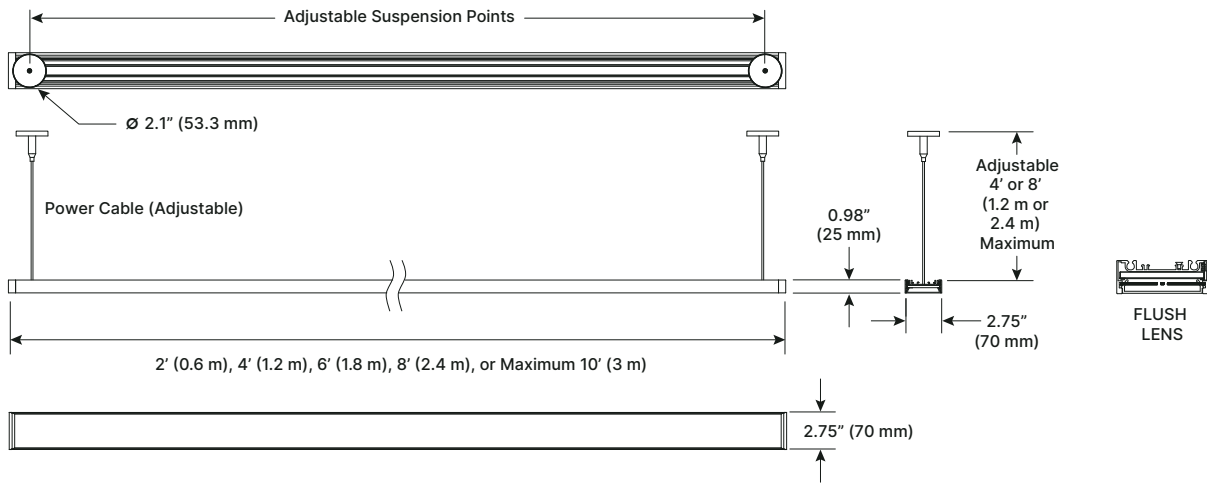
MOUNTING TYPE	CANOPY	POWER CORD
DJ Drywall/J-Box Mount	RCWH2 2" Round Canopy, White	S48WH 48" White Cable Kit
T1 9/16" Flat T-Bar Mount	RCBK2 2" Round Canopy, Black	S48BK 48" Black Cable Kit
T2 9/16" Bolt Slot T-Bar Mount	RCWH5 5" Round Canopy, White	S96WH 96" White Cable Kit
T3 15/16" Flat T-Bar Mount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

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.

FIXTURE DESIGN

Dimensions



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

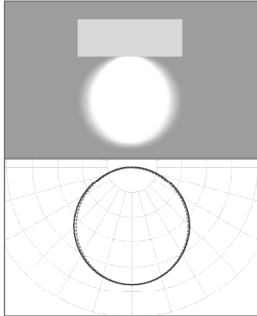
Fixture Voltage (AC) 120–277 VAC and 347 VAC, 50/60 Hz

OPTIC	BEAM PATTERN		
	DLAM	DBW65	DA5025
Flush Lens	●	●	●

DIRECT PHOTOMETRICS

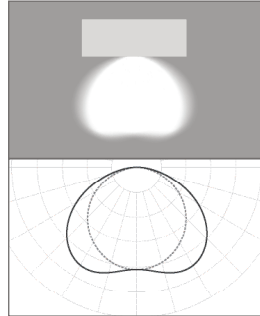
Static White Light

DLAM: Lambertian



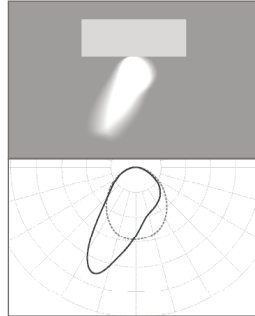
Length 48"
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/ft 746
Watts 27
W/ft 6.8
LPW 110

DBW65: Batwing 65°



Length 48"
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/ft 743
Watts 27
W/ft 6.8
LPW 109

DA5025: Asymmetric 50° at 25° Tilt

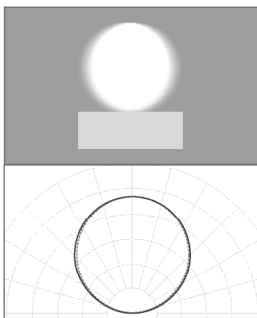


Length 48"
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/ft 738
Watts 10.5
W/ft 5.3
LPW 141

INDIRECT PHOTOMETRICS

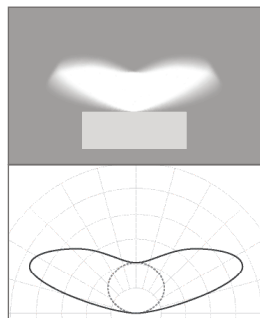
Static White Light

ILAM: Lambertian



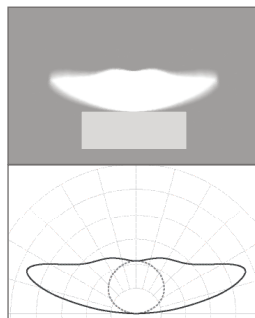
Length 48"
LED HE80
CRI/CCT 80+/3500K
Lumens 4,000
lm/ft 1,000
Watts 28
W/ft 7
LPW 150

IBW120: Batwing 120°



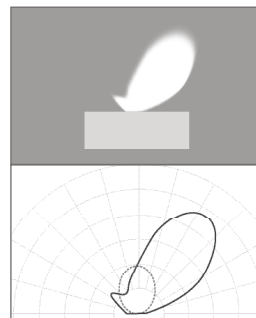
Length 48"
LED HE80
CRI/CCT 80+/3500K
Lumens 4,000
lm/ft 1,017
Watts 25
W/ft 6.3
LPW 162

IFT150: FlatTop 150°



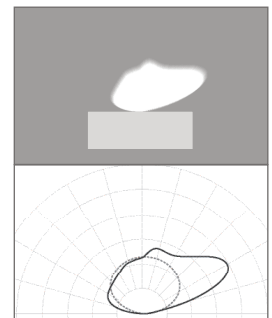
Length 48"
LED HE80
CRI/CCT 80+/3500K
Lumens 4,000
lm/ft 1,004
Watts 26
W/ft 6.5
LPW 155

IA6040: Asymmetric 60° at 40° Tilt



Length 48"
LED HE80
CRI/CCT 80+/3500K
Lumens 4,000
lm/ft 991
Watts 28
W/ft 7
LPW 143

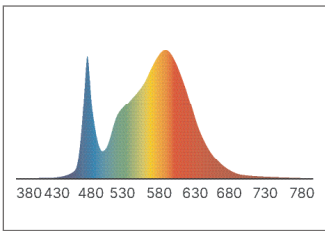
IA4560: Asymmetric 45° at 60° Tilt



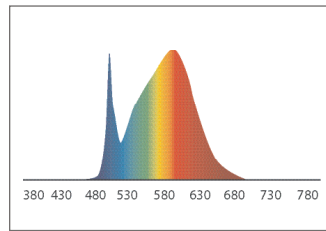
Length 48"
LED HE80
CRI/CCT 80+/3500K
Lumens 4,000
lm/ft 991
Watts 28
W/ft 7
LPW 143

LED SELECTION GUIDE

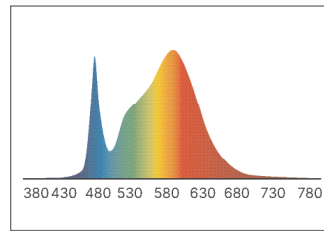
S80: Standard 80+ CRI



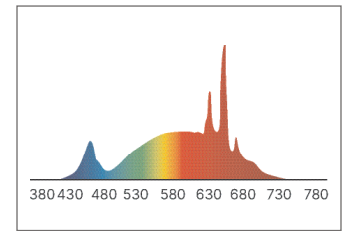
S90: Standard 90+ CRI



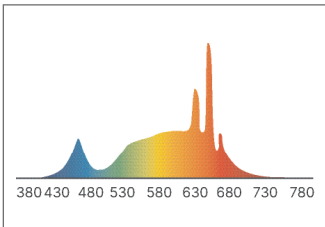
HE80: High-Efficiency 80+ CRI



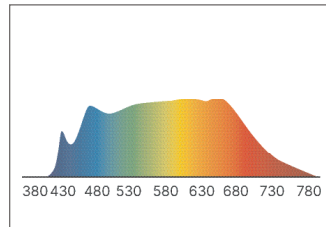
HE90: High-Efficiency 90+ CRI



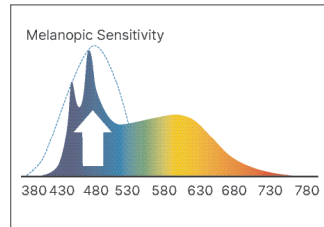
HD95: High-Definition 95+ CRI



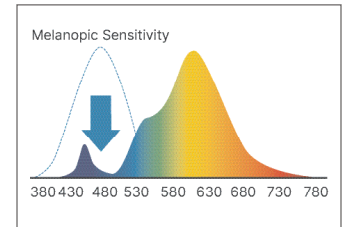
SUN: Full Spectrum "SunLike"



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

BIOS TECHNOLOGY

Choosing Your BIOS Solution

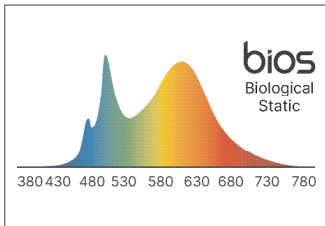
BIOS is offered in four Circadian LED Solutions with BIOS SkyBlue Technology — Biological Static, Biological Dynamic, Biological Tunable, and Biological Dim-to-Warm. BIOS SkyBlue™ Technology includes a blue peak at 490nm that provides an effective daytime circadian signal using standard architectural color temperatures.



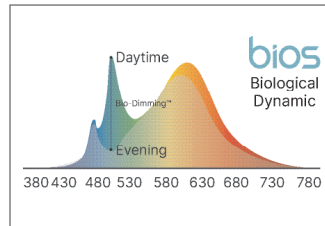
To learn more about BIOS Technology, please click or scan the QR Code.



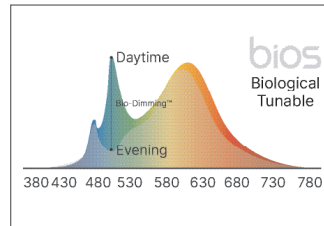
BIOS Static



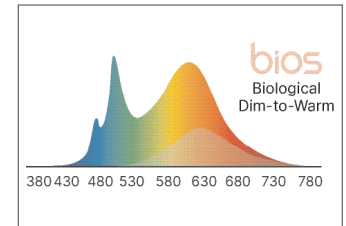
BIOS Dynamic



BIOS Tunable



BIOS Dim-to-Warm



Daytime

No color change when dimmed

Spaces that operate during daytime hours — 7am and 7pm

Daytime & Evening

500K shift when dimmed

Spaces that operate overnight — after 7pm and before 7am

Daytime & Evening

Dims to 2700K

Spaces that operate with overnight shifts — after 7pm and before 7am

Daytime & Evening

Dims from cool to warm

Spaces where people sleep — after 7pm and before 7am

Circadian and Human Centric Light

CODE	DESCRIPTION	BIO-DIMMING MODULE TECHNOLOGY GUIDE					
		Driver	Driver Voltage	CCT	Requires BIO-Dimming Module	Lighting Control	BIOS SkyBlue (490nm)
SBIOS	BIOS Static	DIM1	0-10V Dimming to 1% Dim-to-Dark	No CCT Change	No	Intensity Dimming Control Only	Always Present
DBIOS	BIOS Dynamic	BIODIM1	0-10V Intensity Dimming to 1% Dim-to-Dark	500K Shift	Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming
DBIOS-2	BIOS Dynamic (Two Channel)				No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"
TBIOS	BIOS Tunable	ATW / DTW	0-10V Control of Intensity & CCT on Separate 2 Channels / DALI Control of Intensity & CCT on Separate 2 Channels	Dims to 2700K	Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming
TBIOS-2	BIOS Tunable (Two Channel)				No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"
DWBIOS	BIOS Dim-to-Warm	-	-	Dims to 2200K	Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming
DWBIOS-2	BIOS Dim-to-Warm (Two Channel)				No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"



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

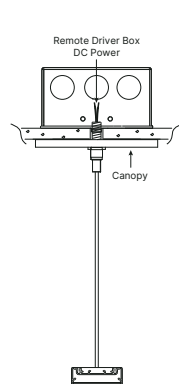
White and Black

Mounting Options

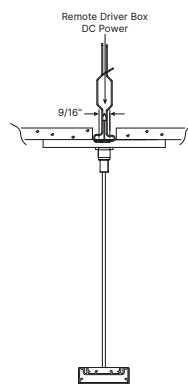
Typically suspended at a distance of between 24" and 72". Supplied hardware includes:

- Cable length adjustable at fixture level
- Standard 96" cord length or custom length
- Internal brackets to eliminate light leakage at joints

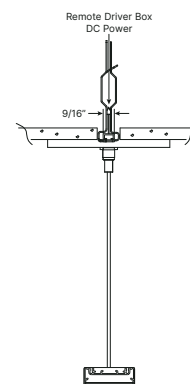
DJ - Drywall/J-Box Mount



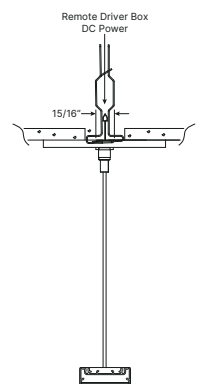
T1 - 9/16" Flat T-Bar Mount



T2 - 9/16" Bolt Slot T-Bar Mount



T3 - 15/16" Flat T-Bar Mount



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
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The Patent Corporation Treaty

World Intellectual Property Organization	WO2015200268
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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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