



DOWNLIGHT ONE OVERVIEW

- **3.5" IC Airtight Depth:** Class leading housing size, **15% smaller** volume than competitor fixtures
- **MCS Technology:** Modular Component System allows field-swappable optics, LED chips, trims, and drivers
- **Adjustment System:** Infinite hot-aiming adjustability
- **98.4 CRI:** Class leading color rendition
- **2-step** MacAdam ellipse on all fixtures

CONFIGURATION

TRIM SHAPE	TRIM SIZE	HOUSING TYPE	APPEARANCE	TRIM FINISH ²	LENS TYPE	BEAM SPREAD	PRODUCT OPTION	CONTROL	VOLTAGE
RO Round	35 3.5"	IC IC Airtight	FL Flangeless	WT White	SO Solite	15° Pin Point	 27 2700K (WW)	2W 2-Wire	US 120V
RA Radius			FD Flanged	BL Black	CL Clear	24° Narrow	 30 3000K	ES EcoSystem	EU 220V/240V
SQ Square			WC Wood Ceiling	AB Ant. Brass	NO None	36° Standard	 DW Dim to Warm	TR TRIAC/ELV	
SN Snoot				CH Chrome	SH Shower ¹	60° Flood		10 0-10V	
								DA DALI	

SPECIFICATIONS

HOUSING	IC Airtight, Damp Listed ¹					
ADJUSTABILITY	45° Tilt in Both Directions and 360° Rotation					
TRIM SHAPE	Round	Radius	Square	Snoot		
TRIM SIZE	3.5"					
TRIM FINISH ²	White	Black	Antique Brass	Chrome		
LENS	Solite	Clear	None	Shower		
APPEARANCE	Flangeless		Flanged	Wood Ceiling		
BEAM SPREAD	15° Pin Point	24° Narrow	36° Standard	60° Flood		
PRODUCT OPTIONS	2700K (Warm White)	3000K	Dim To Warm			
OUTPUT	1500 LM (1350 LM delivered) ³					
POWER CONSUMPTION	16 W					
COLOR RENDERING	98.4 CRI		95.4 TM-30 Rf	100.6 TM-30 Rg		
COLOR CONSISTENCY	2-Step MacAdam Ellipse					
CONTROL	LUTRON 2-Wire	LUTRON EcoSystem	TRIAC/ELV	0-10V	DALI	
DIMMING CAPABILITY	1%	0.1%	1%	0.1%	0.1%	
VOLTAGE	120V		220V/240V			
WARRANTY	3 Years					

IMPORTANT ITEMS TO NOTE

IES files, Warranty info, and Driver spec sheets available.

¹Shower Lens is wet listed

²Custom Trim Finishes available upon request

³Shown as 3000K

⁴LUTRON 2-Wire not removable with Round Trim Shape.

⁵LUTRON EcoSystem only available with commercial projects.

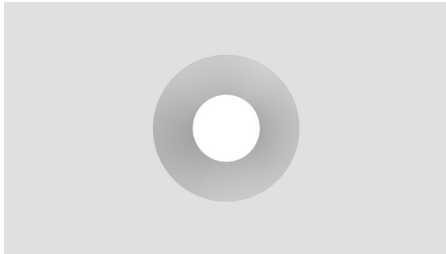




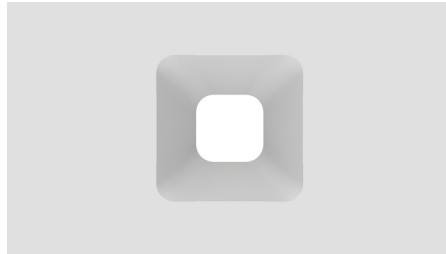
DOWNLIGHT ONE TRIM OPTIONS

- **Trim Size:** 3.5" exterior, 1.75" aperture
- **Trim Shapes:** Round, Radius, Square, Snoot¹
- **Standard finishes:** White, Black, Antique Brass, Chrome
- **Custom Finishes²:** RAL Powdercoating, Stone³, Wood³

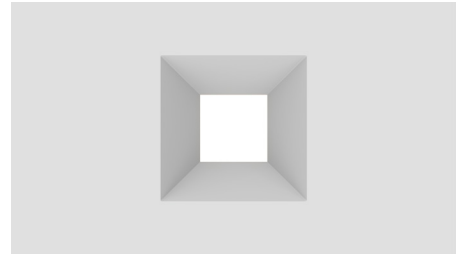
TRIM SHAPES



Round Flangeless in White



Radius Flangeless in White



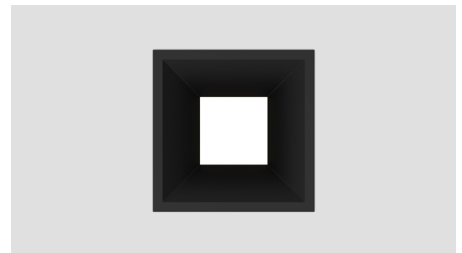
Square Flangeless in White



Round Flanged in Black

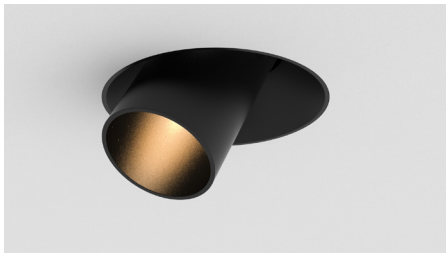


Radius Flanged in Black

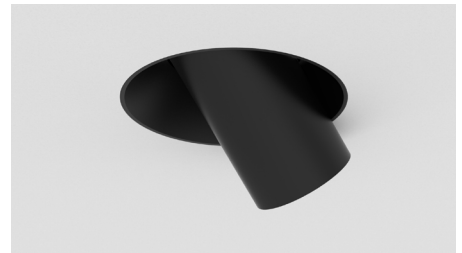


Square Flanged in Black

SNOOT



Snoot in Black: Our unique Snoot option is infinitely hot-aimable with our patent pending Adjustment System and can be used as a directional spot light



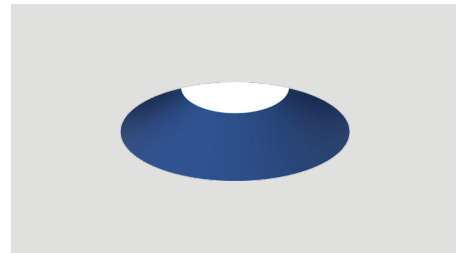
ADDITIONAL FINISHES



Round Flangeless in Antique Brass



Round Flangeless in Chrome



Radius Flangeless in **CUSTOM RAL**

IMPORTANT ITEMS TO NOTE

IES files, Warranty info, and Driver spec sheets available.

¹Snoot only compatible with Round Trim

²Custom Trim Finishes available upon request

³Stone and Wood trims producible with stock material or C.O.M.



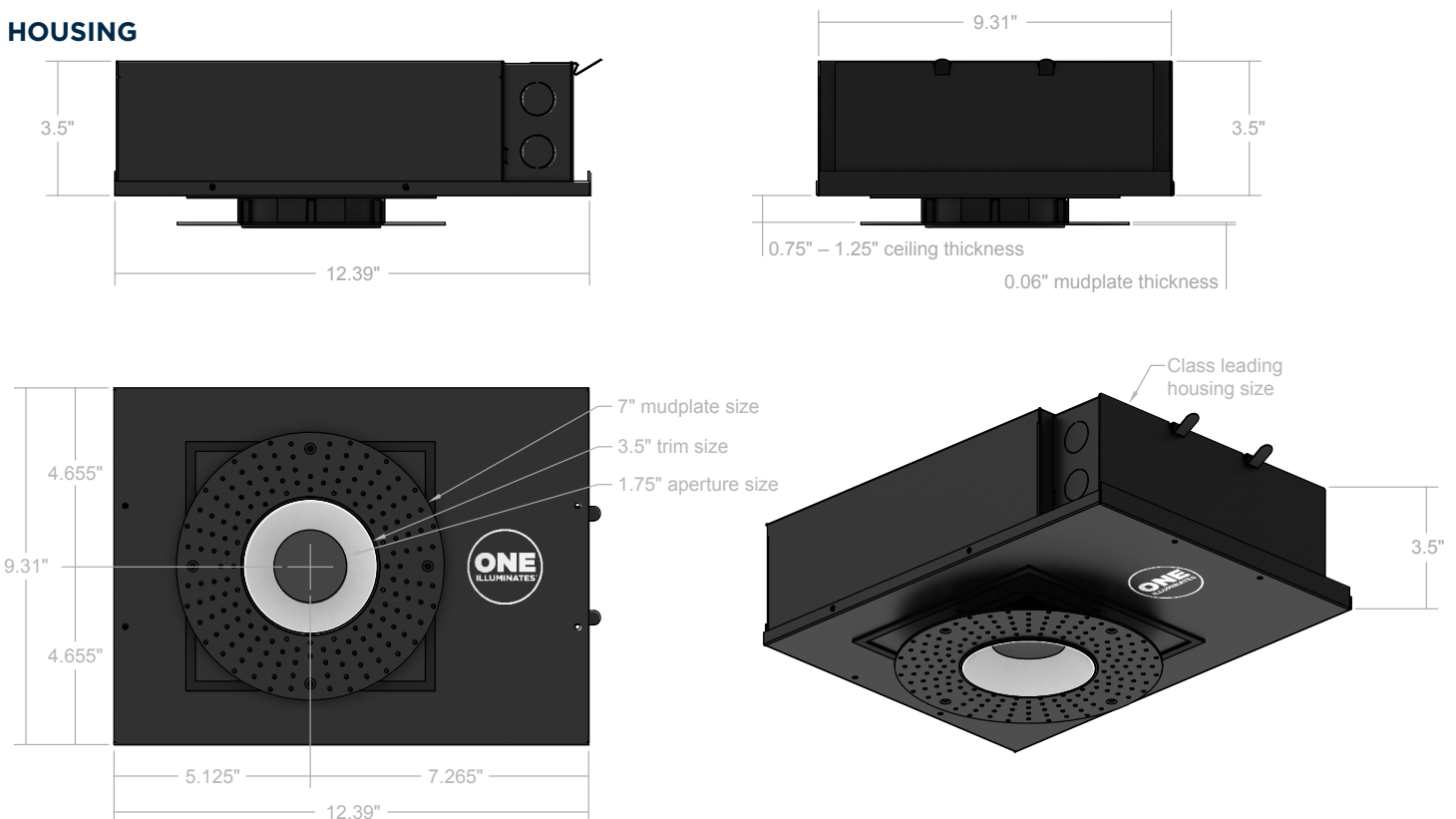


RECESSED

DOWNLIGHT ONE ROUND 3.5" TRIM ADJUSTABLE IC DETAILS

- **3.5" Depth:** Market leading housing size, **15% smaller** than competitor fixtures
- **MCS Technology:** Modular Component System field-swappable optics, LED chips, trims, and drivers
- **Adjustment System:** Infinite hot-aiming adjustability
- **Mudplate:** 0.06" thick means less mud compound for faster installation
- **Dust Cap** made of clear, recycled plastic for light to pass through during construction phase of project

HOUSING



Patent Pending

IMPORTANT ITEMS TO NOTE

Mounting brackets are provided for usage in typical framing spacing: 12-18". Ceiling cutout templates provided for ease of installation. IES files and Driver spec sheets available.



DOWNLIGHT ONE

PRODUCT OPTIONS

- **MCS Technology:** Modular Component System allows field-swappable optics, LED chips, trims, and drivers
- **98.4 CRI:** Class leading color rendition
- **2-step** MacAdam ellipse on all constant color fixtures

2700K (Warm White)



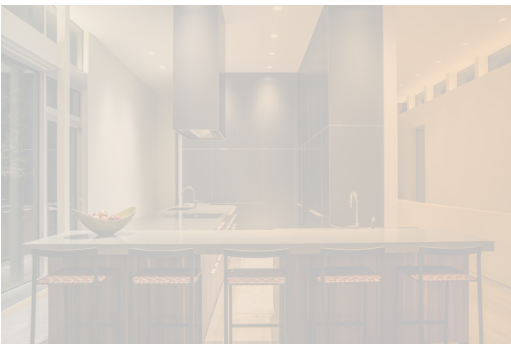
COLOR TEMPERATURE	2700K (Warm White)	
OUTPUT	1450 LM (1300 LM Delivered)	
POWER CONSUMPTION	16 W	
CRI	98.4 Ra	94.1 R9
TM-30	100.6 Rg	95.4 Rf
EFFICACY	107 LM/W	
COLOR CONSISTENCY	2-step MacAdam Ellipse	

3000K



COLOR TEMPERATURE	3000K	
OUTPUT	1500 LM (1350 LM Delivered)	
POWER CONSUMPTION	16 W	
CRI	98.4 Ra	94.1 R9
TM-30	100.6 Rg	95.4 Rf
EFFICACY	112 LM/W	
COLOR CONSISTENCY	2-step MacAdam Ellipse	

DIM TO WARM (Mimic incandescent dimming to create a more natural lighting effect)



COLOR TEMPERATURE	1800K - 3000K	
OUTPUT	1400 LM (1250 LM Delivered)	
POWER CONSUMPTION	12 W	
CRI	93 - 97 Ra	86 - 93 R9
TM-30	97 - 106 Rg	92 - 95 Rf
EFFICACY	117 LM/W	
COLOR CONSISTENCY	3-step MacAdam Ellipse	

IMPORTANT ITEMS TO NOTE

IES files, Warranty info, and Driver spec sheets available.



DOWNLIGHT ONE

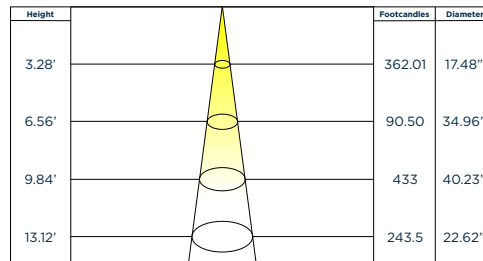
PHOTOMETRICS

- **MCS Technology:** Modular Component System allows field-swappable optics, LED chips, trims, and drivers
- **98.4 CRI:** Class leading color rendition
- **2-step MacAdam ellipse** on all fixtures

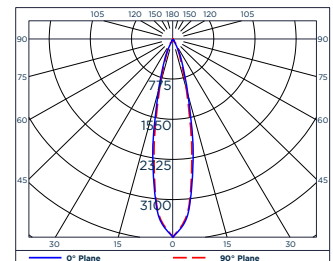
15° (Pin Point)

POWER	15.99 W
POWER FACTOR	0.993
TOTAL LUMEN OUTPUT	755 LM
LUMINAIRE EFFICACY	47.19 LM/W
MAXIMUM CANDELA	3897 CD

Cone of Light Tabulation



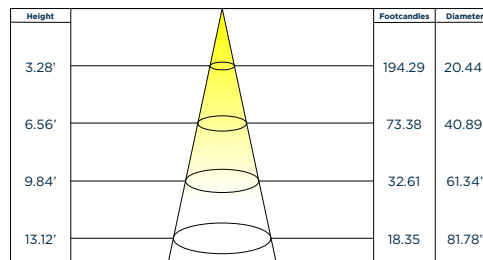
Polar Plot



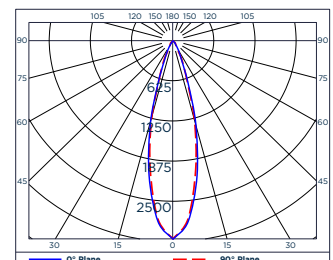
24° (Narrow)

POWER	15.99 W
POWER FACTOR	0.993
TOTAL LUMEN OUTPUT	882.5 LM
LUMINAIRE EFFICACY	55.19 LM/W
MAXIMUM CANDELA	3159 CD

Cone of Light Tabulation



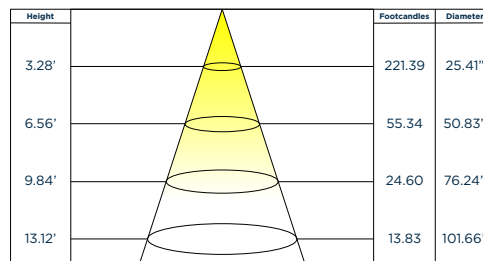
Polar Plot



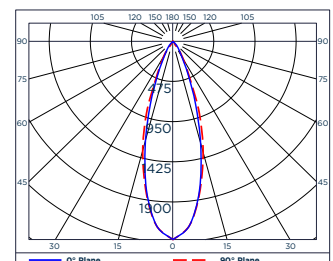
36° (Standard)

POWER	15.98 W
POWER FACTOR	0.993
TOTAL LUMEN OUTPUT	895.3 LM
LUMINAIRE EFFICACY	56.02 LM/W
MAXIMUM CANDELA	2383 CD

Cone of Light Tabulation



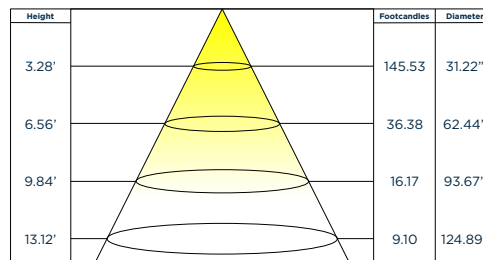
Polar Plot



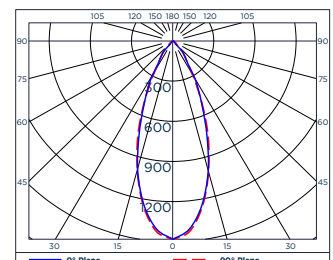
60° (Flood)

POWER	16.04 W
POWER FACTOR	0.993
TOTAL LUMEN OUTPUT	918 LM
LUMINAIRE EFFICACY	57.22 LM/W
MAXIMUM CANDELA	1566 CD

Cone of Light Tabulation



Polar Plot



IMPORTANT ITEMS TO NOTE

IES files, Warranty info, and Driver spec sheets available.





DOWNLIGHT ONE

WIRING DIAGRAMS

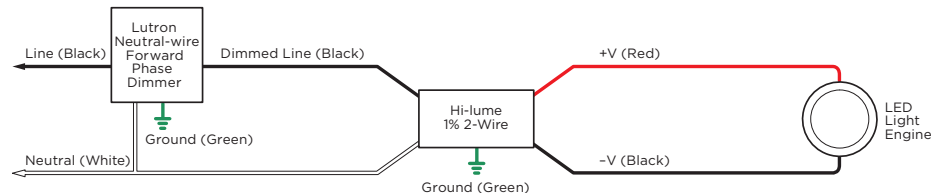
- **MCS Technology:** Modular Component System allows field-swappable optics, LED chips, trims, and drivers
- Various dimming options for any wiring scenario

LUTRON 2-WIRE

Hi-Lume 1%

Smooth, continuous, flicker-free,
1% dimming, 79% efficiency

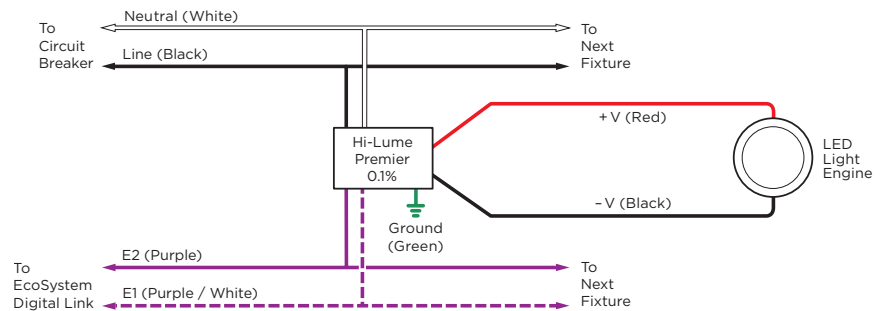
*NOT removable through Round
Trim Shape



LUTRON ECOSYSTEM

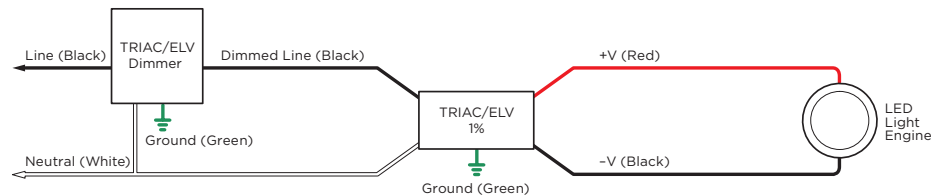
Hi-Lume Premier 0.1%

Soft-On, Fade-to-Black, Smooth,
continuous, flicker-free,
0.1% dimming, 85% efficiency



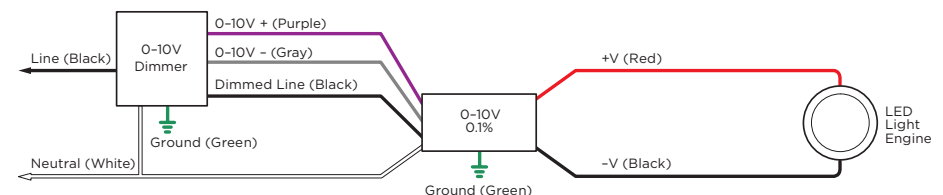
TRIAC/ELV

Smooth, continuous, Dim-to-Off,
1% dimming, 90% efficiency



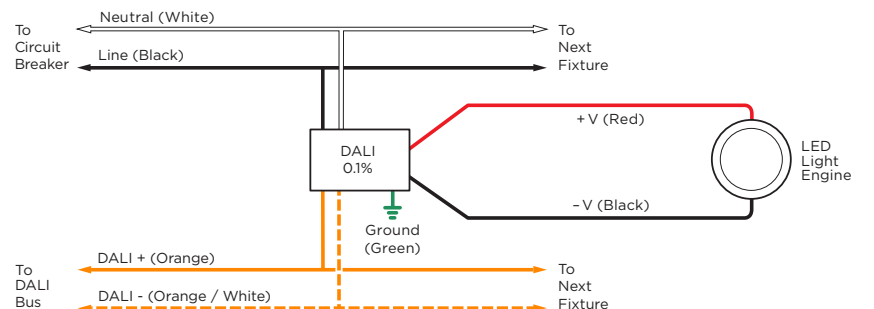
0-10V

Smooth, continuous, flicker-free,
linear dimming curve, Dim-to-Off,
0.1% dimming, 90% efficiency



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Natural Dimming to dark, smooth
brightness changes, excellent
flicker performance,
0.1% dimming, 85% efficiency



IMPORTANT ITEMS TO NOTE

IES files, Warranty info, and Driver spec sheets and comparison chart available.





DOWNLIGHT ONE COMPATIBILITY

LUTRON 2-WIRE

DIMMERS			
MANUFACTURER	PRODUCT	PART NUMBER	FIXTURES PER DIMMER
LUTRON	RadioRA 2 adaptive dimmer	RRD-6NA	1-10, 400 W max
LUTRON	RA2 Select / RadioRA 2 600 W dimmer	RRD-6ND	1-8, 350 W max
LUTRON	RadioRA 2 1000 W dimmer	RRD-10ND	1-13
LUTRON	RadioRA 2 phase selectable dimmer	RRD-PRO	1-20, 400 W max
LUTRON	RadioRA 2 Architectural RF GRAFIK T phase selectable dimmer	RRT-G5NEW	1-10, 400 W max
LUTRON	RadioRA 2 Architectural RF GRAFIK T dimmer	RRT-G25LW	1-10, 400 W max
LUTRON	RadioRA 2 C•L hybrid seeTouch keypad	RRD-HN	1-10, 200 W max
LUTRON	RadioRA 2 GRAFIK T C•L hybrid keypad	RRT-GH	1-10, 400 W max
LUTRON	HomeWorks QS adaptive dimmer	HQRD-6NA	1-10, 400 W max
LUTRON	HomeWorks QS 600 W dimmer	HQRD-6ND	1-8, 350 W max
LUTRON	HomeWorks QS 1000 W dimmer	HQRD-10ND	1-13
LUTRON	HomeWorks designer phase selectable dimmer	HQRD-PRO	1-20, 400 W max
LUTRON	HomeWorks architectural phase selectable dimmer	HQRA-PRO	1-20, 400 W max
LUTRON	Maestro Wireless 600 W dimmer	MRF2-6ND-120	1-8, 350 W max
LUTRON	Vive Maestro Wireless 600 W dimmer	MRF2S-6ND-120	1-8, 350 W max
LUTRON	HomeWorks QS GRAFIK T hybrid keypad	HQRT-GH	1-10, 400 W max
LUTRON	HomeWorks QS Architectural GRAFIK T dimmer	HQRT-G25LW	1-10, 400 W max
LUTRON	HomeWorks QS Architectural GRAFIK T phase selectable dimmer	HQRT-G5NEW	1-10, 400 W max
LUTRON	HomeWorks QS designer C•L hybrid seeTouch keypad	HQRD-HN	1-10, 200 W max
LUTRON	GRAFIK T C•L 250 W dimmer	GT-250M, GTJ-250M	1-10, 400 W max
LUTRON	Caséta Wireless Pro 1000 W dimmer	PD-10NXD	1-13
LUTRON	Caséta Wireless phase selectable dimmer	PD-5NE	1-20, 400 W max
LUTRON	Maestro PRO phase selectable dimmer	MA-PRO	1-20, 400 W max

CONTROL PANELS			
MANUFACTURER	PRODUCT	PART NUMBER	FIXTURES PER CONTROL
LUTRON	myRoom DIN power module	MQSE-4A1-D	1-6 (per output) 1 A max
LUTRON	HomeWorks QS DIN power module	LQSE-4A1-D	1-6 (per output) 1 A max
LUTRON	HomeWorks QS Phase Adaptive DIN power module	LQSE-4A-120-D	1-6 (per output) 2 A max
LUTRON	HomeWorks QS wallbox power module	HQRJ-WPM-6D-120	1-10 (per output) 26 total
LUTRON	HomeWorks wallbox power module	HWI-WPM-6D-120	1-10 (per output) 26 total
LUTRON	GRAFIK Eye QS control unit	QSGR, QSGRJ	1-10 (per output) 26 total
LUTRON	GRAFIK Eye 3000 control unit	GRX-3100, GRX-3500	1-10 (per output) 26 total
LUTRON	RPM-4U module (LCP, HomeWorks QS, GRAFIK Systems, Quantum)	HW, LP-RPM-4U-120	1-26 (per output) 26 total
LUTRON	RPM-4A module (LCP, HomeWorks QS, GRAFIK Systems, Quantum)	HW, LP-RPM-4A120	1-13 (per output) 26 total
LUTRON	GP dimming panels	Various	1-26

IMPORTANT ITEMS TO NOTE

IES files, Warranty info, and Driver spec sheets available.





DOWNLIGHT ONE COMPATIBILITY

LUTRON EcoSystem

DIGITAL CONTROLS					
MANUFACTURER	PRODUCT	PART NUMBER	ECOSYSTEM LOOPS	FIXTURES PER LOOP	MAX FIXTURES
LUTRON	PowPak Dimming Modules	RMJ-ECO32-DV-B	1	32	32
LUTRON	PowPak Dimming Modules	FCJ/FCJS-ECO	1	3	3
LUTRON	Energi Savr Node	QSN-1ECO-S	1	64	64
LUTRON	Energi Savr Node	QSN-2ECO-S	2	64	128
LUTRON	GRAFIK Eye QS / HomeWorks QS control unit	QSGRJ-_E, QSGR-_E	1	64	64
LUTRON	Quantum Hub	QP2-__ 2C	2	64	128
LUTRON	Quantum Hub	QP2-__ 4C	4	64	258
LUTRON	Quantum Hub	QP2-__ 6C	6	64	384
LUTRON	Quantum Hub	QP2-__ 8C	8	64	512
LUTRON	HomeWorks QS / myRoom Plus power module	LQSE-2ECO-D	2	64	128

TRIAC/ELV

DIMMERS			
MANUFACTURER	PRODUCT	PART NUMBER	FIXTURES PER CONTROL
LUTRON	Caséta Wireless phase selectable dimmer	PD-5NE	1-20, 400 W max
LUTRON	Diva ELV dimmer	DVELV-300P	1-15, 300 W max
LUTRON	Maestro ELV dimmer	MAELV-600	1-20, 600 W max
LUTRON	Maestro PRO dimmer	MA-PRO	1-20, 400 W max
LUTRON	Skylark ELV dimmer	SELV-300P	1-15, 300 W max
LUTRON	Skylark Contour ELV dimmer	CTELV-303P, 253P	1-25, 300-500 W max
Leviton	Decora Digital ELV dimmer	DDE06	1-30, 600 W max
Leviton	Decora Slide ELV dimmer	DSE06	1-30, 600 W max
Leviton	IllumaTech ELV dimmer	IPE04	1-20, 400 W max
Leviton	SureSlide dimmer	66EV	1-15, 300 W max
Crestron	Cameo Wireless In-Wall ELV dimmer	CLW-DELVEX-P	1-25, 500 W max
Crestron	DIN Rail 4-Channel dimmer module	DIN-1DIM4	1-4, 600 W max

0-10V

DIMMERS			
MANUFACTURER	PRODUCT	PART NUMBER	FIXTURES PER CONTROL
LUTRON	Diva 0-10V dimmer	DVTV	1-22, 450 W max
LUTRON	NovaT 0-10V dimmer	NTSTV-DV	8 A max
Crestron	Cameo Wireless In-Wall 0-10V dimmer	CLW-DIMFLVEX-P	1-25, 500 W max
Crestron	Horizon In-Wall 0-10V	HZ-DIMLVEX	10 A max
Crestron	DIN Rail 0-10V dimmer module	DIN-4DIMFLV4	1-4, 600 W max
Crestron	CAEN 8 Channel 0-10V Dimmer Module	GL-CAEN-2DIMFLV8	1-8, 32 A max

IMPORTANT ITEMS TO NOTE

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