

Project:	
Type:	
Description:	

HYBRID Ø2.5"

INDOOR - RECESSED



Create your Hybrid Ø2.5":

- Optical Compartment**
+
Flange
+
Baffle
+
Driver



Interchangeable LED Module



Round: ø2.95"
Square: 3.03"x 3.03"



0.07"-0.79" | 2-20mm
Max Ceiling Thickness

Hybrid Ø2.5"

To complete the product select: Flange + Baffle + Driver. (To be ordered separately)

LIGHT ENGINE

Example:

A	XU20			00	A.XU20A.HW00
Optical Compartment		Optics		CCT	
. XU20 9 Watt		A 9° Very narrow		Lumen delivered	
		B 15° Narrow		. HW 2700K CRI >90 Up to: 908 lm	
		D 22° Medium narrow		HQ 3000K CRI >90 Up to: 1130 lm	
		E 31° Medium		WQ 3500K CRI >90 Up to: 1179 lm	
		H 41° Wide		DT¹ 1800-3000K CRI >93 Up to: 554 lm	
		M 52° Very wide		QT¹ 2700-6500K CRI >93 Up to: 640 lm - 739 lm	
				On request: 4000K (CRI >90)	
				Tunable white 1800K-4000K (CRI >93)	
				Finishes	
				00 Black	

NOTES

- DT (Warm dimming) / QT (Tunable white): only for medium, wide and very wide beam optics (E/H/M)
- Consult factory for lead time and pricing
- For alternate ceiling thickness consult factory

FLANGE (TO BE ORDERED SEPARATELY)

Example:

0	40282			0.40282.T012
Code		Flange		Finishes
40282 Flange Round		T0 Trim flange		12 Embossed matte white
40283 Flange Square		L0 Trimless flange*		31 Embossed matte black
				0P Matte glossy

NOTES

*The Trimless flange is only available in finish 12 Embossed matte white

BAFFLE (TO BE ORDERED SEPARATELY)

Example:

0			0.40252.0012
Code		Finishes	
Round			
. 40252.00 Fixed Baffle		12 Embossed matte white	
40242.00 Adjustable Baffle		BR White glossy	
40262.00 IP54 Baffle		31 Embossed matte black	
40272.00 Wall Washer Baffle*		BU Black glossy	
Square		0P Matte glossy	
40253.00 Fixed Baffle		BZ Grey glossy**	
40243.00 Adjustable Baffle			
40263.00 IP54 Baffle			
40273.00 Wall Washer Baffle*			

NOTES

*Only with optic B

**The "BZ Grey glossy" finish is available only for the following product codes: 0.40252.00 / 0.40242.00

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HOUSING/DRIVER (RETROFIT OPTIONS ARE AVAILABLE, CONSULT FACTORY)

Example:

G . . . **G.OHYBR6.C.700**

Dimming	Housing/Driver Location	Plate	Current Setting
G* Universal Driver 0-10V / Triac / ELV Connectable fixtures Min: 1 - Max: 2/3	O New construction housing non-IC	HYBR6	C Round plate
	A IC/AT/CP Housing	S Square plate	700 Optic A
	R REMODEL (Only Remote driver)		700 Optics B
			500 Optics D/E/H/M
			350 DT Optics E/H/M
			200 QT Optics E/H/M

*G Universal Driver

EMERGENCY (ON REQUEST)

Example:

G . . . **EM** **G.OHYBR6.C.700.EM**

Dimming	Housing/Driver Location	Plate	Current Setting
G* Universal Driver 0-10V / Triac / ELV Connectable fixtures Min: 1 - Max: 2/3	O New construction housing non-IC	HYBR6	C Round plate
	A IC/AT/CP Housing	S Square plate	700 Optic A
	R REMODEL (Only Remote driver)		700 Optic B
			500 Optics D/E/H/M
			350 DT Optics E/H/M
			200 QT Optics E/H/M

*G Universal Driver

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Technical Info

Housing/Driver:

Driver can be located fully remote or adjacent to fixture
(depending on the driver selected).

Optical features Light source features:

1 LED/2step/50,000 hrs
Beam angles: 9°, 15°, 22°, 31°, 41°, 52°

Physical features:

Material: Die-cast aluminum + plastic
Mountings: Recessed
Surfaces: Ceiling
Weight: 0.485lbs

Max Remote Driver Distance:

60 Ft, 18 Ga
80 Ft, 16 Ga
100 Ft, 14 Ga

Luminaire Description:

Trim Features: LED and heat sink assembly are followed by an optical reflector
determining beam degree, and available accessories. Plate is included with trim.
Trim Benefits: Available in trimless and visible trim, round and square.

Max Fixture Total Wattage: 9W

Warranty: 5 Year LED warranty.

ETL listed, Union assembled

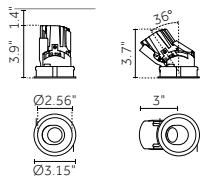
Reggiani reserves the right to change details at any time.

Rev 10/07/2026

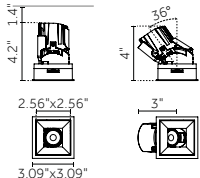
Technical Drawings

LIGHT ENGINE

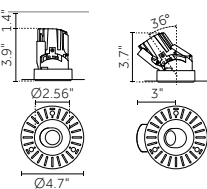
With visible trim flange
(To be ordered separately)



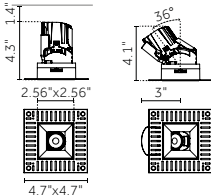
With visible trim flange
(To be ordered separately)



With trimless flange
(To be ordered separately)



With trimless flange
(To be ordered separately)



Project:	
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HYBRID Ø2.5" | ACCESSORIES

INDOOR - RECESSED

Hybrid Ø2.5"

Optics accessories

	Description Honeycomb, wide texture	Code <u>0.40323.0000</u>
	Description Spread Lens	Code <u>0.40322.0000</u>
	Description Accessory for orientation	Code <u>0.40325.0000</u>

	Description Elliptical Beam Lens	Code <u>0.40321.0000</u>
	Description Selective Filter 2700K-2000K	Code <u>0.40320.007B</u>
	Description Selective Filter 2700K-2200K	Code <u>0.40320.006B</u>

HYBRID Ø2.5" | ILM (Interchangeable LED Module)

INDOOR - RECESSED

Hybrid Ø2.5"



2700 K		Description ILM (2700 K / CRI >90) + Optic for Hybrid ø65	Optics A 9° B 15° D 22° E 31° H 41° M 52°	Code <u>0.ILM3AA.HW00</u> <u>0.ILM3AB.HW00</u> <u>0.ILM3AD.HW00</u> <u>0.ILM3AE.HW00</u> <u>0.ILM3AH.HW00</u> <u>0.ILM3AM.HW00</u>
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3000 K		Description ILM (3000 K / CRI >90) + Optic for Hybrid ø65	Optics A 9° B 15° D 22° E 31° H 41° M 52°	Code <u>0.ILM3AA.HQ00</u> <u>0.ILM3AB.HQ00</u> <u>0.ILM3AD.HQ00</u> <u>0.ILM3AE.HQ00</u> <u>0.ILM3AH.HQ00</u> <u>0.ILM3AM.HQ00</u>
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3500 K		Description ILM (3500 K / CRI >90) + Optic for Hybrid ø65	Optics A 9° B 15° D 22° E 31° H 41° M 52°	Code <u>0.ILM3AA.WQ00</u> <u>0.ILM3AB.WQ00</u> <u>0.ILM3AD.WQ00</u> <u>0.ILM3AE.WQ00</u> <u>0.ILM3AH.WQ00</u> <u>0.ILM3AM.WQ00</u>
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Warm Dimming

	Description ILM (1800 K-3000 K / CRI >93) + Optic for Hybrid ø65	Optics E 24° H 41° M 47°	Code <u>0.ILM3GE.DT00</u> <u>0.ILM3GH.DT00</u> <u>0.ILM3GM.DT00</u>
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Tunable White

	Description ILM (2700 K-6500 K / CRI >93) + Optic for Hybrid ø65	Optics E 27° H 38° M 50°	Code <u>0.ILM3GE.QT00</u> <u>0.ILM3GH.QT00</u> <u>0.ILM3GM.QT00</u>
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Note: The ILM module is sold with integrated optics. If you choose to change the optics of the purchased product.
Warning: The ILM Tunable White module can only be replaced with another ILM Tunable White module.

Project:	
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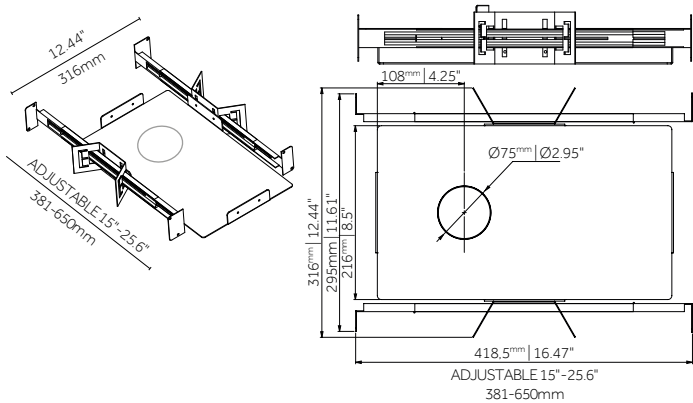
HYBRID Ø2.5"

INDOOR - RECESSED

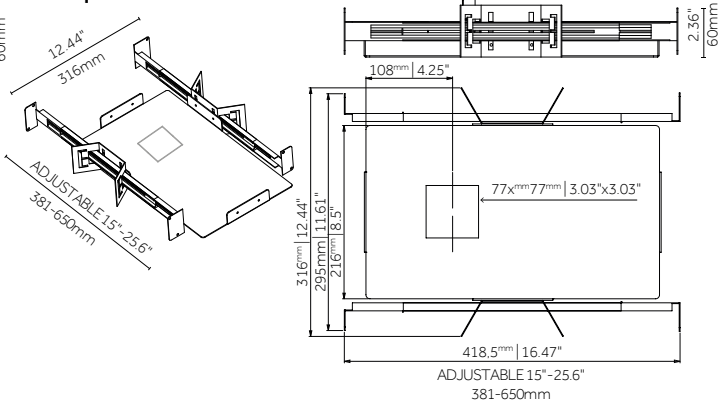
HOUSING + DRIVER

.O New Construction Housing non-IC

Round



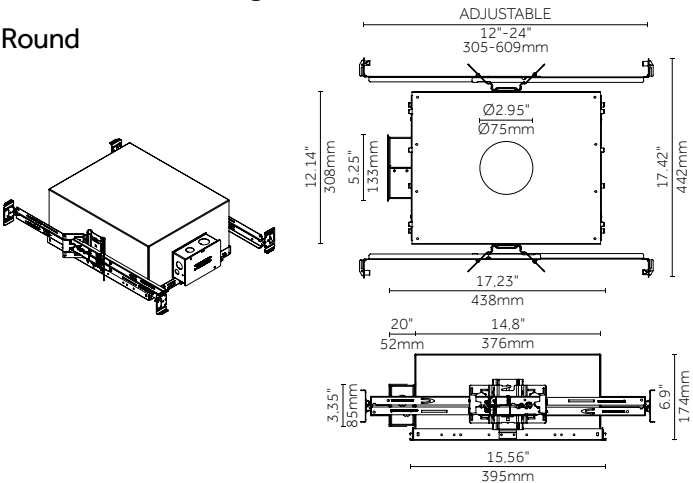
Square



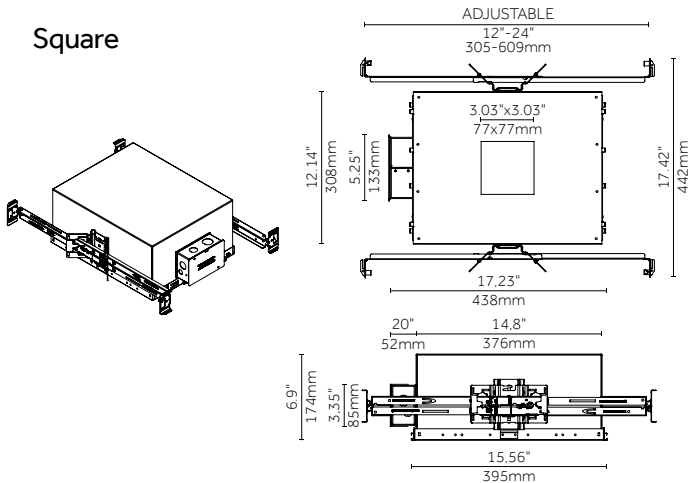
1. Requires 1/2" clearance from building members, 3" clearance from any insulation
2. Where no minimum install height indicated, minimum height is the trim height plus 1/2"
3. Hanger brackets accept FB bars, C-Channel, and 1/2" conduit for mounting
4. Non electrical housings allow fixture positioning for post ceiling installation.

.A IC/AT/CP Housing

Round

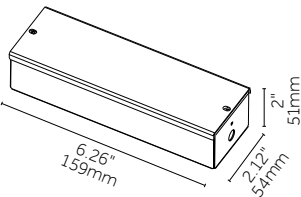


Square



1. Requires 1/2" clearance from building members
2. Hanger brackets accept FB bars, C-Channel, and 1/2" conduit for mounting

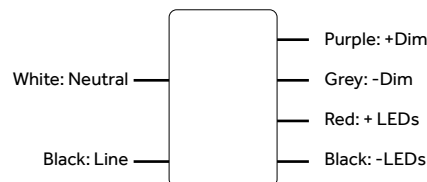
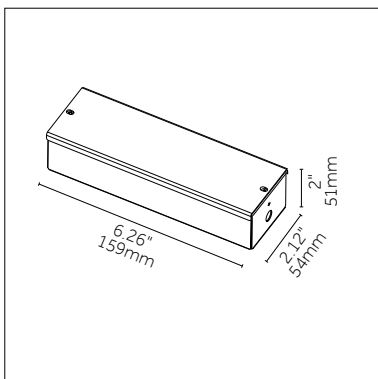
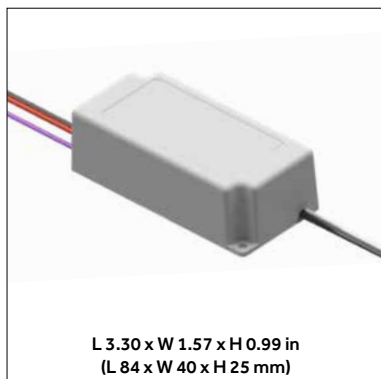
.R Remodel (Only Remote Driver)



Project:	
Type:	
Description:	

G_HYBR6.C.700 (Optics A/B)

Constant Current LED Drivers for Hybrid 2.5"



Nominal Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range	Startup Time	Connectable fixtures
120 to 277 Vac, 47 - 63 Hz	10 W	8 to 13 Vdc	700 mA CC	up to 87% typical	90°C (measured at the hot spot)	< 20%	> 0.9	Forward-Phase, Reverse-Phase & 0 - 10V	1 - 100% (% of Iout)	400 ms typical	Min: 1 - Max: 1

FEATURES

- Compatible with TRIAC (forward-phase or leading-edge), ELV (reverse-phase or trailing-edge) and 0-10 V dimmers
- TRIAC and ELV dimming only at 120 Vac.
- Lifetime: 50,000 hours min at 70°C case temperature
- Protections: output open load, over-current and short-circuit (hiccup), and over-temperature with auto recovery
- Conducted and radiated EMI: Compliant with FCC CFR Title 47 Part 15 Class B (120 Vac)/Class A (277 Vac) and EN55015 (CISPR 15) at 220/230/240 Vac
- Complies with ENERGY STAR® luminaire specification and DLC (DesignLight Consortium®) technical requirements
- IP64-rated case with silicone-based potting.
- 90°C maximum case hot spot temperature
- UL8750 recognized Class 2
- CAN/CSA C22.2 No. 250.13-14 LED equipment for lighting applications

APPLICATIONS

- Downlights
- Commercial & Residential lighting
- Architectural lighting

COMPATIBLE PHASE-CUT DIMMERS & DIMMING RANGE

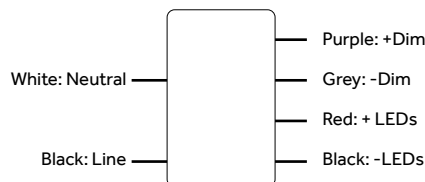
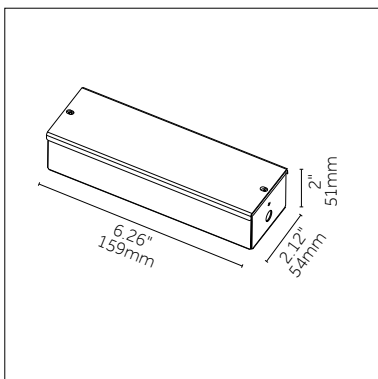
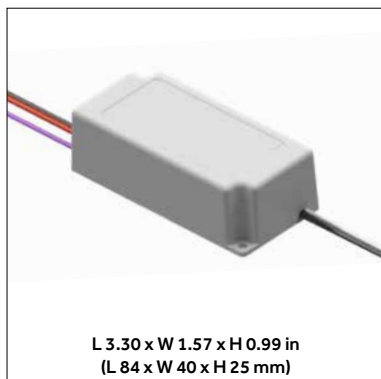
120Vac Dimmers

Mfg.	Model	Mfg.	Model	Mfg.	Model
Lutron	S-603PG	Lutron	DVELV-303P	Lutron	CT-103P
Leviton	IPI06-1LZ	Lutron	SELV-300P	Cooper	SLC03P
Leviton	6631-2	Leviton	6683-IW	Leviton	IPE04
Lutron	DVCL-153P	Leviton	6161	Lutron	MAELV-600
Lutron	DV-600P	Leviton	6633-P	Lutron	FAELV-500
Lutron	TGCL-153P	Lutron	TG-600P	Lightolier	ZP260QEW
Lutron	S-600P	Cooper	DLC03P	Cooper	DAL06P
Leviton	VPE06	Lutron	LG-600P		

Project:	
Type:	
Description:	

G_HYBR6.C.500 (Optics D/E/H/M)

Constant Current LED Drivers for Hybrid 2.5"



Nominal Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range	Startup Time	Connectable fixtures
120 to 277 Vac, 47 - 63 Hz	10 W	6 to 12 Vdc	500 mA CC	up to 87% typical	90°C (measured at the hot spot)	< 20%	> 0.9	Forward-Phase, Reverse-Phase & 0 - 10V	1 - 100% (% of Iout)	400 ms typical	Min: 1 - Max: 1

FEATURES

- Compatible with TRIAC (forward-phase or leading-edge), ELV (reverse-phase or trailing-edge) and 0-10 V dimmers
- TRIAC and ELV dimming only at 120 Vac.
- Lifetime: 50,000 hours min at 70°C case temperature
- Protections: output open load, over-current and short-circuit (hiccup), and over-temperature with auto recovery
- Conducted and radiated EMI: Compliant with FCC CFR Title 47 Part 15 Class B (120 Vac)/Class A (277 Vac) and EN55015 (CISPR 15) at 220/230/240 Vac
- Complies with ENERGY STAR® luminaire specification and DLC (DesignLight Consortium®) technical requirements
- IP64-rated case with silicone-based potting.
- 90°C maximum case hot spot temperature
- UL8750 recognized Class 2
- CAN/CSA C22.2 No. 250.13-14 LED equipment for lighting applications

APPLICATIONS

- Downlights
- Commercial & Residential lighting
- Architectural lighting

COMPATIBLE PHASE-CUT DIMMERS & DIMMING RANGE

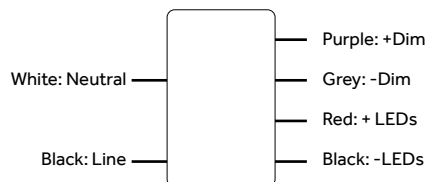
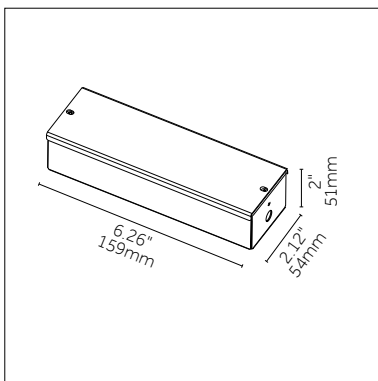
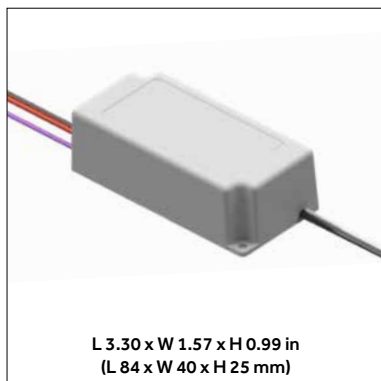
120Vac Dimmers

Mfg.	Model	Mfg.	Model	Mfg.	Model
Lutron	S-603PG	Lutron	DVELV-303P	Lutron	CT-103P
Leviton	IPI06-1LZ	Lutron	SELV-300P	Cooper	SLC03P
Leviton	6631-2	Leviton	6683-IW	Leviton	IPE04
Lutron	DVCL-153P	Leviton	6161	Lutron	MAELV-600
Lutron	DV-600P	Leviton	6633-P	Lutron	FAELV-500
Lutron	TGCL-153P	Lutron	TG-600P	Lightolier	ZP260QEW
Lutron	S-600P	Cooper	DLC03P	Cooper	DAL06P
Leviton	VPE06	Lutron	LG-600P		

Project:	
Type:	
Description:	

G_HYBR6.C.350DT (Optics E/H/M)

Constant Current LED Drivers for Hybrid 2.5"



Nominal Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range	Startup Time	Connectable fixtures
120 to 277 Vac, 47 - 63 Hz	10 W	14 to 22 Vdc	350 mA CC	up to 87% typical	90°C (measured at the hot spot)	< 20%	> 0.9	Forward-Phase, Reverse-Phase & 0 - 10V	1 - 100% (% of Iout)	400 ms typical	Min: 1 - Max: 1

FEATURES

- Compatible with TRIAC (forward-phase or leading-edge), ELV (reverse-phase or trailing-edge) and 0-10 V dimmers
- TRIAC and ELV dimming only at 120 Vac.
- Lifetime: 50,000 hours min at 70°C case temperature
- Protections: output open load, over-current and short-circuit (hiccup), and over-temperature with auto recovery
- Conducted and radiated EMI: Compliant with FCC CFR Title 47 Part 15 Class B (120 Vac)/Class A (277 Vac) and EN55015 (CISPR 15) at 220/230/240 Vac
- Complies with ENERGY STAR® luminaire specification and DLC (DesignLight Consortium®) technical requirements
- IP64-rated case with silicone-based potting.
- 90°C maximum case hot spot temperature
- UL8750 recognized Class 2
- CAN/CSA C22.2 No. 250.13-14 LED equipment for lighting applications

APPLICATIONS

- Downlights
- Commercial & Residential lighting
- Architectural lighting

COMPATIBLE PHASE-CUT DIMMERS & DIMMING RANGE

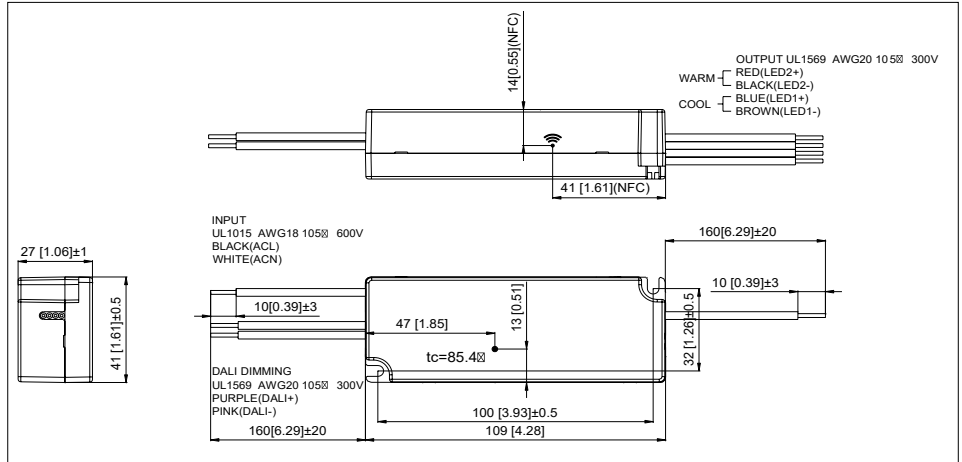
120Vac Dimmers

Mfg.	Model	Mfg.	Model	Mfg.	Model
Lutron	S-603PG	Lutron	DVELV-303P	Lutron	CT-103P
Leviton	IP106-1LZ	Lutron	SELV-300P	Cooper	SLC03P
Leviton	6631-2	Leviton	6683-IW	Leviton	IPE04
Lutron	DVCL-153P	Leviton	6161	Lutron	MAELV-600
Lutron	DV-600P	Leviton	6633-P	Lutron	FAELV-500
Lutron	TGCL-153P	Lutron	TG-600P	Lightolier	ZP260QEW
Lutron	S-600P	Cooper	DLC03P	Cooper	DAL06P
Leviton	VPE06	Lutron	LG-600P		

Project:	
Type:	
Description:	

G_HYBR6.C.200QT (Optics E/H/M)

Constant Current LED Drivers for Hybrid 2.5"



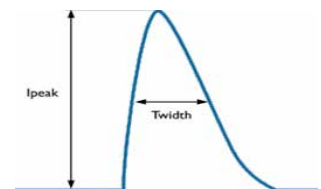
Electrical Specifications

Input	Efficiency (230Vac)	84% (Typical)
	Voltage Range (Vac)	90~305
	Rated Input Voltage (Vac)	100~277
	Frequency Range (Hz)	50/60
	Power Factor	>0.9 at 100~277Vac 50/60Hz input, with 50%~100% load conditions
	THD	<20% at 100~277Vac 50/60Hz input, with 50%~100% load conditions
	AC Current (Typical)	0.28A MAX. @100Vac, 0.12A MAX. @230Vac
	Inrush Current (Typical)	<10A at 100~277Vac input 25°C cold start at 100% condition
	Input Power (W)	28(MAX)
	Standby Power (W)	<0.2W @100Vac/50HZ, 230Vac/50HZ, 277Vac/60HZ
Output	Leakage Current (MAX.)	0.5mA MAX. @277Vac
	Output Voltage Range (VDC)	8~54
	Output Current Range (mA)	200
	Rated Power (W)	20(MAX)
	Output Channel Number	2CHS. Support DT8(1500k~6500k); DT6 CCT(1500k~6500k), solo dimming, dual dimming
	Ripple Current (PK-AV)/AV	<10% at max. lout Low frequency (<120 Hz) content <1%
	Current Tolerance	±5% at output current range
	Line Regulation	±1%
	Load Regulation	±3%
	Startup Time	540ms≤T≤660ms @ 100V/230V/277V input voltage, comply with IEC62386-102(2.0)
Input power detection	Measurement accuracy	5% or 0.5W, take the relatively large value as the accuracy specification
Dimming Port	DALI Bus Power Supply	15VDC ±30%, < 56mA
	DALI Dimming	DALI dimming 0.1%~100%, optional dimming curve: logarithmic/linear
Protection	Over temperature protection	tc 100°C +/-10%, the driver stop working
	Short Circuit	Output current of power supply equals set current
Environment	Operating Temperature	-40~+40°C
	Operating Humidity	20~95%RH, non-condensing
	Storage Temperature	-40~+85
	Storage Humidity	10~95%RH
	Vibration	10~500Hz, 5G 12min/cycle, period for 72min each along X、Y、Z axis
Safety&EMC	Ingress Protection Rating	IP20
	Safety Standard	UL8750, UL1310 Class 2, CAN/CSA-C22.2 No.223-M91, EN61347-1, EN61347-2-13
	EMC Emission	FCC Part 15 ClassB, EN61000-3-2, EN61000-3-3
Others	EMC Immunity	EN61000-4-3, 4, 6, 8, 11, ANSI C62.41.2 (CM/DM 4KV), EN61000-4-2 (air discharge 8KV)
	Lifetime	>50000 hours @Tc =82°C at 100% load conditions
	MTBF	500,000 hours, measured at full load, 25°C ambient temperature SR-332 Issue 3
	Dimension (L x W x H mm)	109*41*27
	Weight	170g

Inrush Current

Ipeak & Time

Input Voltage	Inrush Current Ipeak	Inrush Current Time, measured 50% of Ipeak
100 Vac	1.7A	30us
220 Vac	3.8A	35us
277 Vac	4.8A	35us



Automatic Circuit Breakers

MCB Type	B10	B13	B16	B20	C10	C13	C16	C20
Number of LED Drivers @100Vac	16	20	25	31	26	33	41	51
Number of LED Drivers @220Vac	35	46	56	70	57	74	91	114
Number of LED Drivers @277Vac	43	56	69	86	70	91	112	140