

PHILIPS LIGHTOLIER

Dimming

LED Compatibility



Project: _____

Location: _____

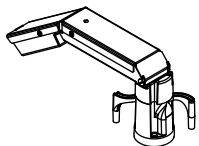
Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Dimming compatibility for Philips Lightolier
Calculite, Lytespan, LyteCaster & LyteProfile.



Information relates to the product families listed below.
C2L04DL series (Calculite). See next section for Z10V options.

Manufacturer: Philips Controls

Product Name	Part Number	Fixtures/ dimmer*	Control Range
Multiset Pro	MHP500QE	1 - 30	30% - 100%
	MSP300QE	1 - 18	30% - 100%
Sunrise	SR400RPC120	1 - 30	11% - 100%

Manufacturer: Leviton

Product Name	Part Number	Fixtures/ dimmer	Control Range
IllumaTech	IPE04	-	11% - 100%
SureSlide	6615-P	-	25% - 100%
Vizia	VPE04	-	15% - 100%

Manufacturer: Lutron

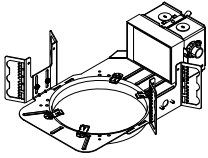
Product Name	Part Number	Fixtures/ dimmer*	Control Range
Vierti	VTELV-600M	1 - 36	9% - 100%
Maestro	MRF2-6ND	1 - 36	9% - 100%
	MRF2-6ELV	1 - 36	7% - 99%
	MAELV-600	1 - 36	15% - 100%
Nova-T	NTELV-600	1 - 36	19% - 99%
Skylark	SELV-300P	1 - 18	9% - 100%
Diva	DVELV-300P	1 - 18	10% - 100%
Nova	NLV-600	1 - 36	9% - 100%
GRAFIK Eye	PHPM-WBX (DVF103P)	-	5% - 100%

* Calculated as (dimmer wattage * 67%) / 11W (max fixture wattage).



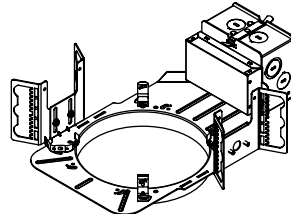
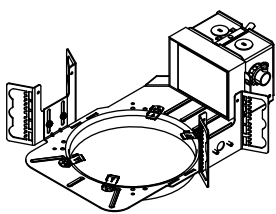
LED-DIM Dimming compatibility

Calculite, Lytespan, LyteCaster & LyteProfile



Information relates to the product families listed below. Please verify with vendors. (Calculite).
C2L04DL_Z10V, C3L085N_Z10V, C4L_Z10V, C6L_Z10V, C7L_Z10V, C8L_Z10V, C4X4L_Z10V & C6X6L_Z10V series.

Control manufacturer	Product Name	120 V ~ Part Number	277 V ~ Part Number	Power booster available
Philips Controls	Sunrise Preset slider	SR1200ZTUNV	SR1200ZTUNV	–
Douglas Lighting Controls	Wall Dimmer	WPN-5721		–
Entertainment Technology	Tap Glide	TG600FAM120	–	–
	Tap Glide Heatsink	TGH1500FAM120	–	–
	Oasis	OA2000FAMU		–
Honeywell, Inc.	–	EL7315A1019 and EL7315A1009		EL7305A1010
Hunt Dimming	Preset Slide	PS-010-IV-120V PS-010-WH-120V PS-010-3W-IV-120V PS-010-3W-WH-120V	PS-010-IV-277V PS-010-WH-277V PS-010-3W-IV-277V PS-010-3W-WH-277V	–
	Preset Slide controls FD-010:	PS-IFC-010-IV- PS-IFC-010-WH-120/277V PS-IFC-010-3W-IV- PS-IFC-010-3W-WH-120/277V		–
	Remoted mounted unit	FD-010-120V	FD-010-277V	–
Lehigh Electric Products Co.	Solitaire	Solitaire		PBX
Leviton Lighting Controls Div.	Leviton Centura Fluorescent Control System IllumaTech™ IP7 Series			CN100 PE300
Lithonia Controls	Digital Equinox (DEQ BC), ISD BC & SLD LPCS			RDM FC
Starfield Controls	TR61 with DALI interface port			RT03 DALInet Router
The Watt Stopper, Inc.	LS-4 used with LCD-101 and LCD-103			



Information relates to the product families listed below.
C8L_Z10V (Calculite) & P4RD_Z10, P6RD_Z10 (LyteProfile)

Manufacturer: Philips Controls

Product Name	Part Number
Sunrise	SR1200ZTUNV

Manufacturer: Lutron

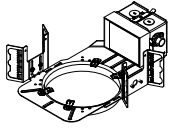
Product Name	Part Number
Nova	NFTV
Nova T	NTSTV-DV
Diva	DVTV, DVSTV
Grafik Eye Qs (Calculite only)	QSGRJ-XP, QSGRJ-XE QSGR-XF
Maestro	MS-Z101, MS-Z101-V

Manufacturer: Leviton

Product Name	Part Number
IllumaTech	IP7 series

LED-DIM Dimming compatibility

Calculite, Lytespan, LyteCaster & LyteProfile



Information relates to the product families listed below.

C3L085N_LD, C4L_LD, C6L_LD, C7L_LD, C8L_LD, C4X4L_LD & C6X6L_LD series (Calculite).

Manufacturer: Lutron Guaranteed performance specifications with the controls listed in the chart below.

Product Name	Part Number		Fixtures per Control ¹		Measured Light Output Range
	120 V ~	277 V ~	120 V ~	277 V ~	
NovaT [®] *	NTF-10-	NTF-10-277-	1 - 41	1 - 44	100% - 1%
	NTF-103-P	NTF-103P-277-	1 - 20	1 - 33	100% - 1%
Nova [®]	NF-10-	NF-10-277-	1 - 41	1 - 44	100% - 1%
	NF-103-P	NF-103P-277-	1 - 20	1 - 33	100% - 1%
Vareo [®]	VF-10-	-	1 - 20	-	100% - 1%
Skylark [®]	SF-10P-	SF-12P-277-	1 - 20	1 - 33	100% - 1%
	SF-103P-	SF-12P-277-3	1 - 20	1 - 33	100% - 1%
Diva [®]	DVF-103P-	DVF-103P-277-	1 - 20	1 - 33	100% - 1%
	DVSCF-103P-	DVSCF-103P-277-	1 - 20	1 - 33	100% - 1%
Ariadni [®]	AYF-103P-	AYF-103P-277-	1 - 20	1 - 44	100% - 1%
Vierti [®]	VTF-6A-		1 - 15	1 - 33	100% - 1%
Maestro [®]	MAF-6AM-	MAF-6AM-277-	1 - 15	1 - 33	100% - 1%
	MSCF-6AM-	MSCF-6AM-277-	1 - 15	1 - 33	100% - 1%
Maestro Wireless [®]	MRF2-F6AN-DV-		1 - 15	1 - 33	100% - 1%
RadioTouch [®]	RTA-RX-F-		1 - 41	1 - 88	100% - 1%
Spacer System [®]	SPSF-6A	SPSF-6A-277-	1 - 15	1 - 33	100% - 1%
	SPSF-6AM-	SPSF-6AM-277-	1 - 15	1 - 33	100% - 1%
Lyneo [®] LX	LXF-103PL-	LXF-103PL-277-	1 - 20	1 - 33	100% - 1%
RadioRA [®] 2	RRD-F6AN-DV-		1 - 15	1 - 33	100% - 1%
HomeWorks [®] QS	HQRD-F6AN-DV-		1 - 15	1 - 33	100% - 1%
Interfaces ²	PHPM-3F-120	-	1 - 41	-	100% - 1%
	PHPM-3F-DV		1 - 41	1 - 88	100% - 1%
	GRX-FDBI-16A		1 - 41	1 - 88	100% - 1%
PowPak [®] dimming module with EcoSystem [®]	RMJ-ECO32-DV-B		32 per EcoSystem [®] link		100% - 1%
Energusavr Node [™] with EcoSystem [®]	QSN-1ECO-S, QSN-2ECO-S		64 per EcoSystem [®] link		100% - 1%
GRAFIK Eye [®] QS with EcoSystem [®]	QSGRJ-_E, QSGRJ-_E	-	64 per EcoSystem [®] link		100% - 1%
Quantum [®]	Various		64 per EcoSystem [®] link		100% - 1%

1. Fixtures per control value assumes a 40W fixture. Number of fixtures may be higher if wattage is less than 40W and may be lower if ganged. See control specification submittal sheet for details.

2. For use with 3-wire controls of commercial systems, Radio RA[®] systems or home systems applications.

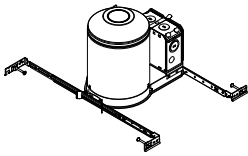
Contact Lutron technical support for derating rules when using wallbox controls on the Hi-lume[®] A- Series LED driver in multi-gang applications.

For the list of compatible controls, visit www.lutron.com/HiLumeLED and select "EcoSystem/3-Wire control report card".

Specifications are subject to change without notice, visit www.lutron.com for latest dimming specifications.

LED-DIM Dimming compatibility

Calculite, Lytespan, LyteCaster & LyteProfile



Information relates to the product families listed below.

L56LED_D, 1000LED_D & 1100LED_D series (LyteCaster Retrofits & Remodelers).
1013L, 1076L & C6L15RR series (LyteCaster Lytensing & Calculite Retrofits).
C3L085N1ELV (Calculite).

Manufacturer: Philips Controls

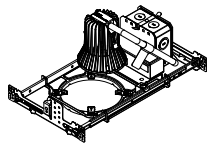
Product Name	Part Number	Control Range
Sunrise	SR400RPC120	13.5% - 100%
MultiSet Pro	MSP300QE	16.5% - 100%

Manufacturer: Lutron

Product Name	Part Number	Control Range
Skylark	S-600	1.77% - 100%
	SLV600P	7.58% - 100%
	S603P	1.84% - 100%
	CTCL153PD	1.7% - 100%
Diva	CT-600PR-LA	3.6% - 100%
	DVELV-300-P	6.8% - 100%
	DVELV-600P-IV	11.7% - 100%
	DVELV-300P-AL	8% - 100%
Arinadi	DV600P	1.59% - 100%
	DV603P	3.68% - 100%
-	AY600P	10.53% - 100%
-	TG603PG	7.51% - 100%

Manufacturer: Leviton

Product Name	Part Number	Control Range
Sure Slide	6615-P	11.7% - 100%
Trimatron Delux	6684	3.57% - 100%
Decora	6621-PW	1.03% - 100%
	6633	7.96% - 100%
	IPI06	8.5% - 100%



Information relates to the product families listed below.

1001LED_D & 1101LED_D series (LyteCaster Uniframe).

Manufacturer: Philips Controls

Product Name	Part Number	Control Range
Sunrise	SR1200ZTUNV	9% - 100%

Manufacturer: Hunt

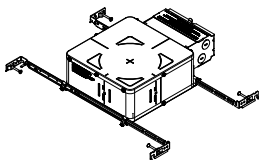
Product Name	Part Number	Control Range
Eclipsis	PS-010 Series	20% - 100%

Manufacturer: Leviton

Product Name	Part Number	Control Range
IllumaTech Decora	IP710-DLX (120V)	9% - 100%
	IP710-DLX (277V)	20% - 100%

Manufacturer: Lutron

Product Name	Part Number	Control Range
Diva	DVTV with PP120H power pack	20% - 100%



Information relates to the product families listed below.

1050_D series (LyteCaster Xceed). Electronic low voltage dimming. Dimming range 100% down to < 15%.

Manufacturer: Philips Controls

Product Name	Part Number
Sunrise	SR400RPC120

Manufacturer: Leviton

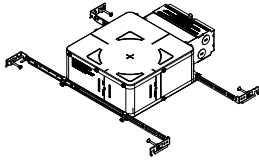
Part Number
VPE04, VPE06, IPE04, 6615, ATE04, ATE06, VRE06

Manufacturer: Lutron

Part Number
VTCLV-600M, MRF2-6ELV, NTELV-600, SELV-300P, PHPM-WBX with DVF-103P, HW/LP-RPM-4A-120

LED-DIM Dimming compatibility

Calculite, Lytespan, LyteCaster & LyteProfile



Information relates to the product families listed below.

L3A + L3C, L4RAE1, L3N, L5RAE1, L6RAE1, L_RAZ10U, L5RAEWG1 series (LyteCaster Core Plus)

ELV + TRIAC **L3A + L3C**

4" ELV + TRIAC **L4RAE1**

5" & 6" ELV **L5RAE1 + L6RAE1**

4", 5" & 6" 0-10V **L_RAZ10U**

Warm glow dimming effect **L5RAEWG1**

Manufact: Philips Controls

Manufact: Philips Controls

Manufact: Philips Controls

Manufact: Philips Controls

Manufact: Philips Controls

Product Name	Part Number
Sunrise	SR400RPC120

Product Name	Part Number
Sunrise	SR400RPC120

Product Name	Part Number
Sunrise	SR400RPC120

Product Name	Part Number
Sunrise	SR1200ZTUNV

Product Name	Part Number
Sunrise	SR1000VA120, SR400RPC120

Manufacturer: Leviton

Manufacturer: Leviton

Manufacturer: Leviton

Manufacturer: Leviton

Manufacturer: Leviton

Product Name	Part Number
Decora	6615-P
Decora	6633-P
Illumatech	IPX06

Product Name	Part Number
Decora	6615-P
Illumatech	IPE04

Product Name	Part Number
Decora	6615-P
Illumatech	IPE04

Product Name	Part Number
Illumatech	IP7 Series

Product Name	Part Number
Decora	6615-P
Illumatech	IPE04
Sureslide	6621-P

Manufacturer: Lutron

Manufacturer: Lutron

0-10V **L3N Series**

Manufacturer: Lutron

Product Name	Part Number
Diva	DVELV-303P
Skylark	SLEV-300P
Maestro	MAELV-600
Maestro	MAW-600

Product Name	Part Number
Diva	DVELV-303P
Skylark	S-603P

Manufacturer: Philips Controls

Product Name	Part Number
Sunrise	SR1200ZTUNV

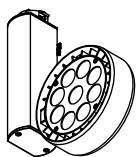
Manufacturer: Leviton

Product Name	Part Number
Illumatech	IP710

Product Name	Part Number
Nova	NFTV
Nova T	NTSTO-DV
Diva	DVTV, DVSCTV
Grafik Eye Qs	QSGRJ-XP, QSGRJ-XE, QSGR-XF

Manufacturer: Lutron

Product Name	Part Number
Toggler	TGCL-153PR
Skylark	CTCL-153PR



Information relates to the product families listed below.

LLABS, LLAB0 & LLAB1 (120V only) series (Lytespan SpotLED).

Manufacturer: Philips Controls

Product Name	Part Number	Product Compatibility	Control Range
Sunrise Preset	SR400RPC120	LLABS	7.2% - 100%
		LLAB0	12.0% - 100%
		LLAB1 (120V only)	13.9% - 100%

Manufacturer: Leviton

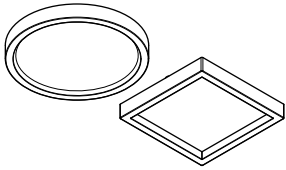
Product Name	Part Number	Product Compatibility	Control Range
IllumaTech	IPE04-1LX	LLABS	7.2% - 100%
		LLAB0	12% - 100%
		LLAB1 (120V only)	13.9% - 100%

Manufacturer: Lutron

Product Name	Part Number	Product Compatibility	Control Range
Skylark	SELV-300P	LLABS	10.7% - 100%
		LLAB0	11.4% - 100%
		LLAB1 (120V only)	16.7% - 100%

LED-DIM Dimming compatibility

Calculite, Lytespan, LyteCaster & LyteProfile



Information relates to the product families listed below.

S4S, S6S, S5R, S7R TRIAC dimming series

Manufacturer: Philips Controls

Product Name	Part Number	Control Range
Sunrise	SR150LED120	10%-100%

Manufacturer: Lutron

Product Name	Part Number	Control Range
Faedra	FALV-600-XX	10%-100%
Skylark	S-600-X SLV-600-X S2-LX	10%-100%
Diva	DVSCCL-153P DV600PR	10%-100%

Manufacturer: Leviton

Product Name	Part Number	Control Range
Illumatech	IP106-XXX IPL06	10%-100%
Trimatron	6602-X 6681-X 6683-X 6684-X 700-X 705-X	10%-100%
Sureslide	6633 6674	10%-100%

S4S, S6S, S5R, S7R ELV dimming series

Manufacturer: Philips Controls

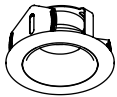
Product Name	Part Number	Control Range
Sunrise	SR400RPC120	10%-100%

Manufacturer: Lutron

Product Name	Part Number	Control Range
Faedra	SELV-300P	10%-100%
Skylark	DVELV-300P	10%-100%
Diva	MAELV-600	10%-100%

Manufacturer: Leviton

Product Name	Part Number	Control Range
Illumatech	IPE04-1LX	10%-100%



Information relates to the product families listed below.

L3A & L3C (ELV & TRIAC series dimming)

Manufacturer: Philips Controls

Product Name	Part Number	Control Range
Sunrise	SR400RPC120	10%-100%

Manufacturer: Lutron

Product Name	Part Number	Control Range
Diva	DVLEV-303P	10%-100%
Skylark	SLEV-300P	10%-100%
Maestro	MAELV-600 MAW-600	10%-100%

Manufacturer: Leviton

Product Name	Part Number	Control Range
Decora	6615-P 6633-P	10%-100%
Illumatech	IPX06	10%-100%

L3N (0-10V series dimming)

Manufacturer: Philips Controls

Product Name	Part Number	Control Range
Sunrise	SR1200ZTUNV	10%-100%

Manufacturer: Leviton

Product Name	Part Number	Control Range
Illumatech	IP710	10%-100%

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