



DesignLights Consortium (DLC), Compatibility Guide

Overview of DLC and Vode product compatibility.

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What is The DesignLights Consortium (DLC)?

DLC is a non-profit organization which has developed energy and quality specifications for commercial LED luminaires with input from federal, state, local utilities, energy efficiency program members, lighting designers, manufacturers and other interested parties. DLC certified products are eligible for rebates from most local electrical utility providers. DLC certified products are listed on the [DLC website](#) in the [QPL](#) (Qualified Products List).

Why DLC?

Impact

The DLC helps utilities create better energy efficiency programs by identifying and verifying the highest performing products and systems.

Expertise

The DLC provides technical expertise and a collaborative forum for all industry stakeholders to drive product performance.

Innovation

The DLC works tirelessly to create new programs, tools, and resources that are relevant to the needs of end users and that push the commercial lighting industry into a more energy-efficient future.

Source: <https://www.designlights.org/about-us/>

DLC Luminaire Technical Requirements

The DLC has specified the minimum technical specifications that products must meet to qualify for DLC. All product requirements can be found on the DLC website under [technical requirements](#).

Vode and DLC

In accordance with the certifications guidelines, the Vode product line has been evaluated by a NVLAP accredited third party testing laboratory (participating in the ISO/IEC 17025). Vode products compliant with DLC are listed below and on the DLC [QPL](#).

Vode DLC certified products are presently limited to ZipOne and ZipTwo, and are **limited with respects to rail length, power type, voltage, lumen output, color temperature, and optics.** Please refer to the data below to ensure your Vode specifications are 100% DLC compliant.

Vode DLC Compliant Products

Rail Type:

Z1 ZipOne

Power Type:

AE eldoLED 0-10v, 1.0% Dimming

AT eldoLED 0-10v, 0.1% Dimming

AD eldoLED DALI, 0.1% Dimming

AX eldoLED DMX, 100-0% Dimming

Optic:

A2 100° Asymmetric

Finish:

AL Clear Anodized

707-Z1-SL-X-RAIL LENGTH-X-X-RP-[AE,AT,AD,AX]-2-X-Z-LUMEN OUTPUT-CCT-A2-X-AL-X

Rail Length	Voltage	Lumen Output	Color Temperature
24 24" (610mm)	2 120v-277v	LO Low Output	27 2700K (80+CRI)
36 36" (914mm)		SO Standard Output	30 3000K (80+CRI)
48 48" (1219mm)		HO High Output	35 3500K (80+CRI)
			40 4000K (80+CRI)
			279 2700K (90+CRI)
			309 3000K (90+CRI)
			359 3500K (90+CRI)
			409 4000K (90+CRI)

Rail Type:

Z1 ZipOne

Power Type:

AE eldoLED 0-10v, 1.0% Dimming

AT eldoLED 0-10v, 0.1% Dimming

AD eldoLED DALI, 0.1% Dimming

AX eldoLED DMX, 100-0% Dimming

Optic:

A2 100° Asymmetric

Finish:

AL Clear Anodized

707-Z1-SL-X-60-X-X-RP-[AE,AT,AD,AX]-2-X-Z-HO-279-A2-X-AL-X

Rail Length	Voltage	Lumen Output	Color Temperature
60 60" (1524mm)	2 120v-277v	HO High Output	279 2700K (90+CRI)

Vode DLC Compliant Products

Rail Type:

Z1 ZipOne

Power Type:

AE eldoLED 0-10v, 1.0% Dimming

AT eldoLED 0-10v, 0.1% Dimming

AD eldoLED DALI, 0.1% Dimming

AX eldoLED DMX, 100-0% Dimming

Optic:

A2 100° Asymmetric

Finish:

AL Clear Anodized

707-Z1-SL-X-RAIL LENGTH-X-X-RP-[AE,AT,AD,AX]-2-X-Z-LUMEN OUTPUT-CCT-A2-X-AL-X

Rail Length	Voltage	Lumen Output	Color Temperature
60 60" (1524mm)	2 120v-277v	LO Low Output	27 2700K (80+CRI)
72 72" (1829mm)		SO Standard Output	30 3000K (80+CRI)
			35 3500K (80+CRI)
			40 4000K (80+CRI)
			279 2700K (90+CRI)
			309 3000K (90+CRI)
			359 3500K (90+CRI)
			409 4000K (90+CRI)

Rail Type:

Z1 ZipOne

Power Type:

AE eldoLED 0-10v, 1.0% Dimming

AT eldoLED 0-10v, 0.1% Dimming

AD eldoLED DALI, 0.1% Dimming

AX eldoLED DMX, 100-0% Dimming

AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE1

AH2 Hi-lume 1% 2-wire LTEA2W (120v forward phase only)

Optic:

A2 100° Asymmetric

Finish:

AL Clear Anodized

707-Z1-SL-X-96-X-X-RP-[AE,AT,AD,AX,AH,AH2]-2-X-Z-LO-CCT-A2-X-AL-X

Rail Length	Voltage	Lumen Output	Color Temperature
96 96" (2438mm)	2 120v-277v	LO Low Output	279 2700K (90+CRI)
			309 3000K (90+CRI)
			359 3500K (90+CRI)
			409 4000K (90+CRI)

Vode DLC Compliant Products

Rail Type:

Z1 ZipOne

Power Type:

AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE1

AH2 Hi-lume 1% 2-wire LTEA2W (120v forward phase only)

Optic:

A2 100° Asymmetric

Finish:

AL Clear Anodized

707-Z1-SL-X-RAIL LENGTH-X-X-RP-[AH,AH2]-1-X-Z-LO-CCT-A2-X-AL-X

Rail Length	Voltage	Lumen Output	Color Temperature
24 24" (610mm)	1 120v	LO Low Output	27 2700K (80+CRI)
36 36" (914mm)			30 3000K (80+CRI)
48 48" (1219mm)			35 3500K (80+CRI)
60 60" (1524mm)			40 4000K (80+CRI)
72 72" (1829mm)			
96 96" (2438mm)			

Rail Type:

Z1 ZipOne

Power Type:

AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE1

AH2 Hi-lume 1% 2-wire LTEA2W (120v forward phase only)

Optic:

A2 100° Asymmetric

Finish:

AL Clear Anodized

707-Z1-SL-X-RAIL LENGTH-X-X-RP-[AH,AH2]-2-X-Z-LUMEN OUTPUT-CCT-A2-X-AL-X

Rail Length	Voltage	Lumen Output	Color Temperature
24 24" (610mm)	2 120v-277v	SO Standard Output	27 2700K (80+CRI)
36 36" (914mm)		HO High Output	30 3000K (80+CRI)
48 48" (1219mm)			35 3500K (80+CRI)
			40 4000K (80+CRI)
			279 2700K (90+CRI)
			309 3000K (90+CRI)
			359 3500K (90+CRI)
			409 4000K (90+CRI)

Vode DLC Compliant Products

Rail Type:

Z1 ZipOne

Power Type:

AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE1

AH2 Hi-lume 1% 2-wire LTEA2W (120v forward phase only)

Optic:

A2 100° Asymmetric

Finish:

AL Clear Anodized

707-Z1-SL-X-RAIL LENGTH-X-X-RP-[AH,AH2]-2-X-Z-LO-CCT-A2-X-AL-X

Rail Length	Voltage	Lumen Output	Color Temperature
36 36" (914mm)	2 120v-277v	LO Low Output	279 2700K (90+CRI)
48 48" (1219mm)			309 3000K (90+CRI)
72 72" (1829mm)			359 3500K (90+CRI)
			409 4000K (90+CRI)

Rail Type:

Z1 ZipOne

Power Type:

AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE1

AH2 Hi-lume 1% 2-wire LTEA2W (120v forward phase only)

Optic:

A2 100° Asymmetric

Finish:

AL Clear Anodized

707-Z1-SL-X-60-X-X-RP-[AH,AH2]-2-X-Z-LUMEN OUTPUT-CCT-A2-X-AL-X

Rail Length	Voltage	Lumen Output	Color Temperature
60 60" (1524mm)	2 120v-277v	LO Low Output	279 2700K (90+CRI)
		HO High Output	309 3000K (90+CRI)
			359 3500K (90+CRI)
			409 4000K (90+CRI)

Vode DLC Compliant Products

Rail Type:

Z1 ZipOne

Power Type:

AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE1

AH2 Hi-lume 1% 2-wire LTEA2W (120v forward phase only)

Optic:

A2 100° Asymmetric

Finish:

AL Clear Anodized

707-Z1-SL-X-RAIL LENGTH-X-X-RP-[AH,AH2]-2-X-Z-SO-CCT-A2-X-AL-X

Rail Length	Voltage	Lumen Output	Color Temperature
60 60" (1524mm)	2 120v-277v	SO Standard Output	27 2700K (80+CRI)
72 72" (1829mm)			30 3000K (80+CRI)
			35 3500K (80+CRI)
			40 4000K (80+CRI)
			279 2700K (90+CRI)
			309 3000K (90+CRI)
			359 3500K (90+CRI)
			409 4000K (90+CRI)

Rail Type:

Z2 ZipTwo

Power Type:

AE eldoLED 0-10v, 1.0% Dimming

AT eldoLED 0-10v, 0.1% Dimming

AD eldoLED DALI, 0.1% Dimming

AX eldoLED DMX, 100-0% Dimming

Optic:

S6 Square 3536, Diffuse

Finish:

WH White

707-Z2-SL-X-RAIL LENGTH-X-X-RP-[AE,AT,AD,AX]-2-X-Z-LUMEN OUTPUT-CCT-S6-X-WH-X

Rail Length	Voltage	Lumen Output	Color Temperature	Optics
24 24" (610mm)	2 120v-277v	SO Standard Output	27 2700K (80+CRI)	S6 Square 3536, Diffuse
36 36" (914mm)		HO High Output	30 3000K (80+CRI)	
48 48" (1219mm)			35 3500K (80+CRI)	
60 60" (1524mm)			40 4000K (80+CRI)	
72 72" (1829mm)				
96 96" (2438mm)				

Vode DLC Compliant Products

Rail Type:

Z2 ZipTwo

Power Type:

AE eldoLED 0-10v, 1.0% Dimming

AT eldoLED 0-10v, 0.1% Dimming

AD eldoLED DALI, 0.1% Dimming

AX eldoLED DMX, 100-0% Dimming

Optic:

S3 Micro 3508, 120° Symmetric

Finish:

WH White

707-Z2-SL-X-RAIL LENGTH-X-X-RP-[AE,AT,AD,AX]-2-X-Z-HO-30-S3-X-WH-X

Rail Length		Voltage		Lumen Output		Color Temperature		Optics	
24	24" (610mm)	2	120v-277v	HO	High Output	30	3000K (80+CRI)	S3	Micro 3508, 120° Symmetric
36	36" (914mm)								

Rail Type:

Z2 ZipTwo

Power Type:

AE eldoLED 0-10v, 1.0% Dimming

AT eldoLED 0-10v, 0.1% Dimming

AD eldoLED DALI, 0.1% Dimming

AX eldoLED DMX, 100-0% Dimming

Optic:

S3 Micro 3508, 120° Symmetric

Finish:

WH White

707-Z2-SL-X-RAIL LENGTH-X-X-RP-[AE,AT,AD,AX]-2-X-Z-SO-CCT-S3-X-WH-X

Rail Length		Voltage		Lumen Output		Color Temperature		Optics	
24	24" (610mm)	2	120v-277v	SO	Standard Output	30	3000K (80+CRI)	S3	Micro 3508, 120° Symmetric
36	36" (914mm)					35	3500K (80+CRI)		
48	48" (1219mm)					40	4000K (80+CRI)		
60	60" (1524mm)								
72	72" (1829mm)								
96	96" (2438mm)								

Vode DLC Compliant Products

Rail Type:

Z2 ZipTwo

Power Type:

- AE** eldoLED 0-10v, 1.0% Dimming
- AT** eldoLED 0-10v, 0.1% Dimming
- AD** eldoLED DALI, 0.1% Dimming
- AX** eldoLED DMX, 100-0% Dimming

Optic:

S3 Micro 3508, 120° Symmetric

Finish:

WH White

707-Z2-SL-X-RAIL LENGTH-X-X-RP-[AE,AT,AD,AX]-2-X-Z-HO-40-S3-X-WH-X

Rail Length		Voltage		Lumen Output		Color Temperature		Optics	
48	48" (1219mm)	2	120v-277v	HO	High Output	40	4000K (80+CRI)	S3	Micro 3508, 120° Symmetric
60	60" (1524mm)								
72	72" (1829mm)								
96	96" (2438mm)								