



TITLE 20

FAQ

■ **Q: What is California TITLE 20?**

A: TITLE 20 is a set of energy efficiency regulations established by the California Energy Commission that governs various products and appliances.

■ **Q: What lighting products are effected?**

A: Two main categories are impacted. State-Regulated LED Lamps and State-Regulated Small Diameter Directional Lamps.

State-Regulated LED Lamps - SLED (meet the following criteria):

- Have an E12, E17, E26, or GU-24 type base
- Produce between 200-2600 lumens (products with candelabra bases produce 150+ lumens)
- Produce a white light CCT between 2200K-7000K with a Duv of +/- 0.012
- This category also includes retrofit kits with an E12, E17, E26, or GU24 type base

State-Regulated Small Diameter Directional Lamps - SDDL

(meet the following criteria):

- Operates at 12, 24, or 120V
- Has an ANSI ANSLG C81.61-2009 (R2014) compliant pin or E26 base
- Diameter < 2.25"
- Lumen output < 850 lumens, wattage equivalency less than 75w incandescent



■ **Q: What makes a State-Regulated LED Lamp or State-Regulated Small Diameter Directional Lamp acceptable to be sold in California?**

A: Lamps must meet the applicable design and performance standards, certified to the California Energy Commission (are listed in the state's MAEDBS database) and marked in accordance with TITLE 20.

■ **Q: What is the difference between Tier I and Tier II performance?**

A: The CEC introduced requirements for LED lamps in two tiers (phases). Tier I's effective date is 1/1/2018 and Tier II is 7/1/19. Performance under Tier II is significantly higher (efficacy and/or CRI is typically much higher). SDDL are subject to one set of requirements that went into effect 1/1/18.

TITLE 20 PRODUCT LIST

Product	Model	TITLE 20			JA8	Product	Model	TITLE 20			JA8
		SLED		SDDL				SLED		SDDL	
		Tier I	Tier II					Tier I	Tier II		
97994	18DL6DIM/927	✓			✓	28395	9A19DIM/927	✓			✓
97995	18DL6DIM/930	✓			✓	97911	9A19DIM/927/GU24	✓			✓
97996	18DL6DIM/940	✓			✓	16329	18.5A21DIM/927	✓			✓
97991	12DL6DIM/927	✓			✓	98279	9FA19DIM/927	✓			
97992	12DL6DIM/930	✓			✓	98241	3.3FB11DIM/927	✓			
97979	15SMPR7DIM/930/R	✓			✓	98242	3.3FB11DIM/927/E26	✓			
97980	15SMPR7DIM/940/R	✓			✓	98377	3.8FG25DIM/927	✓			✓
97976	15SMPS7DIM/930/R	✓			✓	98481	7MR16DIM/927SP15			✓	✓
97977	15SMPS7DIM/940/R	✓			✓	98482	7.5MR16DIM/927NF25			✓	✓
98024	9.5BR30DIM/927/GU24	✓			✓	98483	7.5MR16DIM/927FL35			✓	✓
98023	9.5BR30DIM/927/R	✓			✓	98484	7MR16DIM/930SP15			✓	✓
98029	8.5MR16DIM/930SP15/R			✓	✓	98485	7.5MR16DIM/930NF25			✓	✓
98030	8.5MR16DIM/930NF25/R			✓	✓	98486	7.5MR16DIM/930FL35			✓	✓
98031	8.5MR16DIM/930FL35/R			✓	✓	98153	7MR16DIM/927FL35			✓	✓



TITLE 20 PRODUCT LIST

Product	Model	TITLE 20			JA8	Product	Model	TITLE 20			JA8
		SLED		SDDL				SLED		SDDL	
		Tier I	Tier II					Tier I	Tier II		
98151	5.5GU10DIM/927FL35			✓	✓	34901	11PAR30DIM/930SP15		✓		
98152	5.5GU10DIM/930FL35			✓	✓	34902	11PAR30DIM/930NF25		✓		
98154	7MR16DIM/930FL35			✓	✓	34903	11PAR30DIM/930FL40		✓		
98155	7MR16DIM/940FL35			✓		34904	11PAR30DIM/940FL40		✓		
98559	9A19DIM/927		✓		✓	34905	11PAR30DIM/930FL40/B		✓		
98560	9A19DIM/930		✓			34906	11PAR30SDIM/927SP15		✓		
98561	9A19DIM/940		✓			34907	11PAR30SDIM/927NF25		✓		
98565	9A19DIM/927/GU24/R		✓		✓	34908	11PAR30SDIM/927FL40		✓		
98141	11A19DIM/927		✓		✓	34909	11PAR30SDIM/930SP15		✓		
98142	11A19DIM/930		✓			34910	11PAR30SDIM/930NF25		✓		
98143	11A19DIM/940		✓			34911	11PAR30SDIM/930FL40		✓		
98562	9A19/927/277V		✓			34912	11PAR30SDIM/940FL40		✓		
98563	9A19/930/277V		✓			34913	11PAR30SDIM/930FL40/B		✓		
98564	9A19/940/277V		✓			34916	15.5PAR38DIM/927SP15		✓		
98147	15A21DIM/927/N		✓		✓	34917	15.5PAR38DIM/927NF25		✓		
98148	15A21DIM/930/N		✓			34918	15.5PAR38DIM/927FL40		✓		
98149	15A21DIM/940/N		✓			34919	15.5PAR38DIM/930SP15		✓		
34890	6.5PAR20DIM/927SP15		✓			34920	15.5PAR38DIM/930NF25		✓		
34891	6.5PAR20DIM/927NF25		✓			34921	15.5PAR38DIM/930FL40		✓		
34892	6.5PAR20DIM/927FL40		✓			34922	15.5PAR38DIM/940FL40		✓		
34893	6.5PAR20DIM/930SP15		✓			34923	15.5PAR38DIM/930NF25/B		✓		
34894	6.5PAR20DIM/930NF25		✓			34924	15.5PAR38DIM/930FL40/B		✓		
34895	6.5PAR20DIM/930FL40		✓			34925	15.5PAR38DIM/930FL40/GU24		✓		
34896	6.5PAR20DIM/940FL40		✓			34914	11PAR30/930FL40/277V		✓		
34897	6.5PAR20DIM/930FL40/B		✓			34915	11PAR30/940FL40/277V		✓		
34898	11PAR30DIM/927SP15		✓			34926	15.5PAR38/930FL40/277V		✓		
34899	11PAR30DIM/927NF25		✓			34927	15.5PAR38/940FL40/277V		✓		
34900	11PAR30DIM/927FL40		✓								