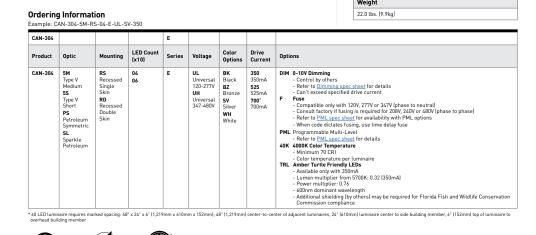


QTY LABEL DESCRIPTION



C UL US ROHS **CREE \$\Delta\$** LIGHTING US: creelighting.com (800) 236-6800

Electrical Data\*

t System Watts 120-480V 120V 208V 240V 277V 347V 480V

 0.39
 0.24
 0.22
 0.21
 0.15
 0.12

 0.57
 0.34
 0.30
 0.27
 0.21
 0.16

0.59 0.35 0.31 0.28 0.21 0.16

101 0.84 0.49 0.43 0.38 0.30 0.22

94 0.79 0.46 0.40 0.36 0.28 0.21

135 1.14 0.65 0.57 0.50 0.40 0.29

1.06 1.06 1.06 1.06

1.03 1.03 1.03 1.03 1.03

1.00 1.00 1.00 1.00 1.00

30K/40K/50K/57K 1.03 1.00 0.98 0.97 0.95

TRL 1.04 1.04 1.04 1.04 1.04 1.04

30K/40K/50K/57K 1.01 0.98 0.96 0.95 0.93

TRL 1.01 1.01 1.01 1.01 1.01

30K/40K/50K/57K 1.00 0.97 0.95 0.94 0.92

constitute.

1 in accordance with IES TM-21, Reported values represent interpolated values based on time durations that are Up to & the tested duration in the IES LM-80 report for the LED.

30K/40K/50K/57K 1.02 0.99 0.97 0.96

\* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-277V or 347-480V

Ambient CCT Initial LMF 25K hr Reported LMF 25K hr Estimated LMF 100K hr Estimated LMF LMF LMF

304 Series™ LED Recessed Canopy Luminaire

allows for access from below the luminaire

RS Mount luminaire housing is constructed from rugged die cast aluminum and incorporates integral, high performance heatsink fin specifically designed for LED canopy applications
 RD Mount luminaire housing is constructed from rugged die cast

aluminum and features high performance extruded aluminum heatsinks specifically designed for LED canopy applications

LED driver is mounted in a sealed weathertight center chamber that

Field adjustable drive current between 350mA, 525mA and 700mA on Non-IC rated luminaires

Luminaire housing provided with factory applied foam gasket and provides for a watertight seal between luminaire housing and canopy

Mounts directly to the canopy deck and is secured in place with a die

Designed for canopies of 19-22 gauge [maximum 0.040" [1mm]

See 228 Series™ canopy luminaires for canopies using 12" (305mm)

Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy prime

with an ultra-durable powder topcoat, providing excellent resistance t corrosion, ultraviolet degradation and abrasion. Black, bronze, silver,

Integral weathertight electrical box with terminal strips [12Ga-20Ga] for easy power hookup

When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current

Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated

ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2

DLC qualified with select SKUs. Please refer to <u>www.designlights.org</u> for

Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers

Integral 10kV surge suppression protection standard

Enclosure meets IP66 requirements per IEC 60529

RoHS Compliant. Consult factory for additional details

• CA RESIDENTS WARNING: Cancer and Reproductive Harm www.p65warnings.ca.gov

Meets Buy American requirements within ARRA

RS mount includes integral junction box which allows ease of installation without need to open luminaire

Suitable for use in single (RS Mount) or double (RD Mount) skin canopies with 16" (406mm) wide panels

Product Specifications

CONSTRUCTION & MATERIALS

and white are available

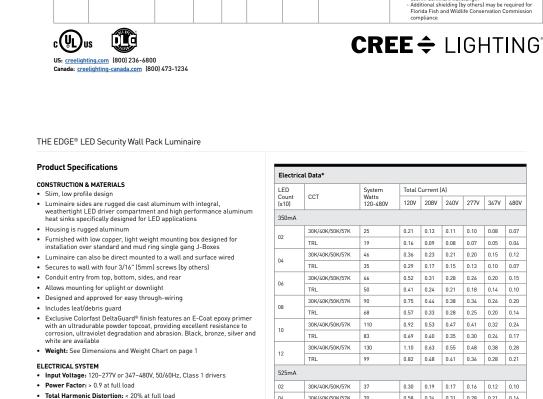
 Power Factor: > 0.9 at full load Total Harmonic Distortion: < 20% at full load

10V Source Current: 0.15mA

Suitable for wet locations

REGULATORY & VOLUNTARY QUALIFICATIONS

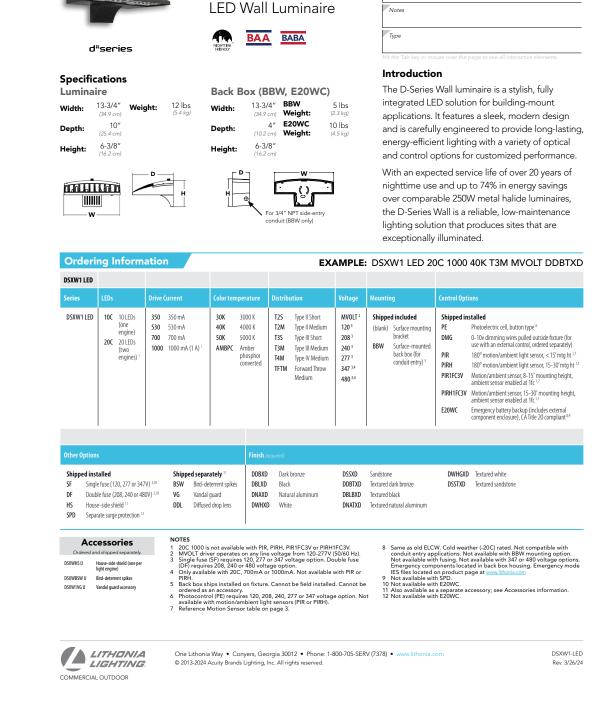
ELECTRICAL SYSTEM



QTY LABEL DESCRIPTION

with an ultradurable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are available	10	30K/40K/50K/57K TRL	110	0.92	0.53	0.47	0.41	0.32	0
Weight: See Dimensions and Weight Chart on page 1		30K/40K/50K/57K	130	1.10	0.63	0.55	0.48	0.38	0
, , ,	12	TRL	99	0.82	0.48	0.41	0.36	0.28	0
LECTRICAL SYSTEM	525mA								
Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers									
Power Factor: > 0.9 at full load	02	30K/40K/50K/57K	37	0.30	0.19	0.17	0.16	0.12	0
Total Harmonic Distortion: < 20% at full load	04	30K/40K/50K/57K	70	0.58	0.34	0.31	0.28	0.21	0
Integral weathertight J-Box with leads (wire nuts) for easy power hook up		30K/40K/50K/57K	101	0.84	0.49	0.43	0.38	0.30	0
Integral 10kV surge suppression protection standard	08	30K/40K/50K/57K	133	1.13	0.66	0.58	0.51	0.39	0
When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current	700mA								Ļ
Maximum 10V Source Current: 20 LED (350mA): 10mA;	02	30K/40K/50K/57K	50	0.41	0.25	0.22	0.20	0.15	0
20LED (525 & 700 mA) and 40-120 LED: 0.15mA	04	30K/40K/50K/57K	93	0.78	0.46	0.40	0.36	0.27	0
EGULATORY & VOLUNTARY QUALIFICATIONS	06	30K/40K/50K/57K	134	1.14	0.65	0.57	0.50	0.39	0
cULus Listed									
	+/- 10%	at 25°C (77°F). Actual wa	ittage may differ b	y +/- 10% wi	hen ope	rating betw	een 120-27	7V or 347-	480
Suitable for wet locations		at 25 C (// F). Actual wa	ittage may differ b	y +/- 10% wi	hen ope	rating betw	reen 120-27	7V or 347-	-486
cULus Listed  Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options	+/- 10%	Series Ambient						7V or 347-	-480
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML	+/- 10%			25K hr Reporte	stenan 50 ed² Re	nce <sup>1</sup> OK hr eported <sup>2</sup>	75K hr Reporter Estimate	d²/ 100	OK I
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2	+/- 10% THE EDGE	Series Ambient	Adjusted Lum Initial LMF	25K hr Reporte LMF	50 Red Lt	oK hr eported <sup>2</sup> MF	75K hr Reporter Estimate LMF	d²/ ed³ Esti	)K im F
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.4.1.2  Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117  DLC qualified with select SKUs. Refer to	+/- 10% THE EDGE	CCT  30K/40K/50K/57K	Adjusted Lurr Initial LMF	25K hr Reporte LMF	stenan 50 Red <sup>2</sup> Re Lt	OK hr eported <sup>2</sup> MF	75K hr Reporter Estimate LMF	d²/ 100 ed³ Esti LMI	OK iim F
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2  Luminaire and finish endurance tested to withstand 5,000 hours of	THE EDGE  Ambient	Series Ambient	Adjusted Lum Initial LMF	25K hr Reporte LMF	stenan 50 Red <sup>2</sup> Re Lt	oK hr eported <sup>2</sup> MF	75K hr Reporter Estimate LMF	d²/ ed³ Esti	OK iim F
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2  Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117  DLC qualified with select SKUs. Refer to <a href="https://www.designlights.org/search/">https://www.designlights.org/search/</a> for most current information Meets Buy American requirements within ARRA	THE EDGE  Ambient  5°C (41°F)	CCT  30K/40K/50K/57K	Adjusted Lurr Initial LMF	25K hr Reporte LMF	stenan 50 Re Lh	OK hr eported <sup>2</sup> MF	75K hr Reporter Estimate LMF	d²/ 100 ed³ Esti LMI	OK iim F
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2  Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117  DLC qualified with select SkUs. Refer to https://www.designlights.org/search/ for most current information  Meets Buy American requirements within ARRA  A CA RESIDENTS WARNING Cancer and Reproductive Harm -	THE EDGE  Ambient	CCT  30K/40K/50K/57K  TRL	Adjusted Lum Initial LMF  1.04 1.06	25K hr Reports LMF	50 Red 2 Lt 1.0 1.0 1.0	OK hr eported <sup>2</sup> MF	75K hr Reporter Estimate LMF 1.03 <sup>2</sup> 1.06 <sup>3</sup>	d <sup>2</sup> / 100 d <sup>2</sup> / Esti LMI 1.03	OK im F
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2  Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117  DLC qualified with select SKUs. Refer to <a href="https://www.designlights.org/search/">https://www.designlights.org/search/</a> for most current information Meets Buy American requirements within ARRA	+/- 10%  THE EDGE  Ambient  5°C (41°F)  10°C (50°F)	© Series Ambient .  CCT  30K/40K/50K/57K  TRL  30K/40K/50K/57K	Initial LMF  1.04 1.06 1.03	25K hr Reporte LMF 1.03 1.06	1.0 1.0 1.0	OK hr eported <sup>2</sup> MF	75K hr Reporter Estimate LMF 1.03 <sup>2</sup> 1.06 <sup>3</sup>	d²/ 1000 Esti LMI 1.03	OK im F
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2  Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117  DLC qualified with select SkUs. Refer to https://www.designlights.org/search/ for most current information  Meets Buy American requirements within ARRA  A CA RESIDENTS WARNING Cancer and Reproductive Harm -	THE EDGE  Ambient  5°C (41°F)	© Series Ambient .  CCT  30K/40K/50K/57K  TRL  30K/40K/50K/57K	Initial LMF  1.04 1.06 1.03 1.04	25K hr Reporte LMF 1.03 1.06 1.02	1.0 1.0 1.0	nce <sup>1</sup> 0K hr eported <sup>2</sup> MF  03  06  02	75K hr Reported Estimate LMF 1.03 <sup>2</sup> 1.06 <sup>3</sup> 1.02 <sup>2</sup> 1.04 <sup>3</sup>	d²/ 1000 d²/ Esti Ed³ LMI 1.03 1.06	0K rim F 3 6 2
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.4.1.2  Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117  DLC qualified with select SkUs. Refer to https://www.designlights.org/search/ for most current information  Meets Buy American requirements within ARRA  A CARESIDENTS WARNING: Cancer and Reproductive Harm—	+/- 10%  THE EDGE  Ambient  5°C (41°F)  10°C (50°F)	© Series Ambient.  CCT  30K/40K/50K/57K  TRL  30K/40K/50K/57K  TRL  30K/40K/50K/57K	Initial LMF  1.04 1.06 1.03 1.04 1.02	25K hr Reporte LMF 1.03 1.06 1.02 1.04	1.0 1.0 1.0 1.0 1.0 1.0 1.0	0K hr eported <sup>2</sup> MF 03 06 02 04 01	75K hr Reporter Estimate LMF 1.03 <sup>2</sup> 1.06 <sup>3</sup> 1.02 <sup>2</sup> 1.04 <sup>3</sup>	d²/ l00 Esti LMI 1.03 1.06 1.02 1.04 1.01	0K cim F 3 6 2
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2  Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117  DLC qualified with select SKUs. Refer to https://www.designlights.org/search/ for most current information  Meets Buy American requirements within ARRA  A CA RSIDENTS WARNING: Cancer and Reproductive Harm—	+/- 10%  THE EDGE  Ambient  5°C (41°F)  10°C (50°F)	© Series Ambient.  CCT  30K/40K/50K/57K  TRL  30K/40K/50K/57K  TRL  30K/40K/50K/57K  TRL	Initial LMF  1.04 1.06 1.03 1.04 1.02 1.03	25K hr Reporte LMF 1.03 1.06 1.02 1.04 1.01	State	0K hr eported <sup>2</sup> MF 03 06 02 04 01 03	75K hr Reporter Estimate LMF 1.03 <sup>2</sup> 1.06 <sup>3</sup> 1.02 <sup>2</sup> 1.04 <sup>3</sup> 1.01 <sup>2</sup> 1.03 <sup>3</sup>	d²/ ed³ LMi 1.03 1.04 1.03 1.04 1.03	0K iim F 3 6 2
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2  Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117  DLC qualified with select SKUs. Refer to https://www.designlights.org/search/ for most current information  Meets Buy American requirements within ARRA  A CA RSIDENTS WARNING: Cancer and Reproductive Harm—	7-10%  THE EDGE  Ambient  5°C [41°F]  10°C [50°F]  15°C [59°F]  20°C [48°F]	* Series Ambient.  CCT  30K/40K/50K/57K  TRL  30K/40K/50K/57K  TRL  30K/40K/50K/57K  TRL  30K/40K/50K/57K	Adjusted Lum Initial LMF 1.04 1.06 1.03 1.04 1.02 1.03 1.01	25K hr Reporte LMF 1.03 1.06 1.02 1.04 1.01 1.03 0.99	Seed   Seed	0K hr eported <sup>2</sup> MF 03 06 02 04 01 03	75K hr Reportet Estimate LMF 1.03 <sup>2</sup> 1.06 <sup>3</sup> 1.02 <sup>2</sup> 1.04 <sup>3</sup> 1.01 <sup>2</sup> 1.03 <sup>3</sup> 0.99 <sup>2</sup>	d²/ 1000 d²/ Estied³ LMI 1.03 1.04 1.02 1.04 1.01	0K sim F 3 6 2 4 1
Suitable for wet locations  Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions  Enclosure rated IP66 per IEC 60529 when ordered without P or PML options  ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2  Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117  DLC qualified with select SkUs. Refer to https://www.designlights.org/search/ for most current information  Meets Buy American requirements within ARRA  A CA RESIDENTS WARNING: Cancer and Reproductive Harm—	+/- 10%  THE EDGE  Ambient  5°C (41°F)  10°C (50°F)	* Series Ambient.  CCT  30K/40K/50K/57K  TRL  30K/40K/50K/57K  TRL  30K/40K/50K/57K  TRL  30K/40K/50K/57K  TRL	Initial LMF  1.04 1.06 1.03 1.04 1.02 1.03 1.01 1.01	25K hr Reporte LMF 1.03 1.06 1.02 1.04 1.01 1.03 0.99	1.00   1.00	0K hr eported <sup>2</sup> MF 03 06 02 04 01 03 99	75K hr Reporter Estimate LMF 1.03° 1.06° 1.02° 1.04° 1.01° 1.03° 0.99° 1.01°	d²/ 1000 d²/ Esti LMI 1.03 1.04 1.02 1.04 1.01 1.03 0.99	0K cim F 3 6 2 4 1 1 8

## ADDITIONAL FIXTURE INFO



QTY LABEL DESCRIPTION

**D-Series Size 1** 

		5.																					
erro	orman	ce Da	ta																				
	_																						
	Output																						
en value:	s are from pl	hotometric t	ests perform	ed in accor	dance	with I	ESNA	LM-79-0	8. Contact f	actory	for p	erforn	nance da	ta on any co	onfigurat	ions not	shown h	ere.					
	Drive   System   Dist.   30K (3000 K, 70CRI)					40K (4000 K, 70CRI)						AMBPC (Amber Phosphor Converted)											
		System Watts	Type	Lumens	В	U	6	LPW	Lumens	В	п	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW
	(mA)	viates	- 11								۳												
			T2S	1,415	0	0	1	109	1,520	0	0	1	117	1,530	0	0	1	118	894	0	0	1	69
			T2M T3S	1,349 1,399	0	0	1	104	1,448	0	0	1	111	1,458 1,512	0	0	1	112 116	852 884	0	0	1	66
	350mA	13W	T3M	1,385	0	0	1	107	1,488	0	0	1	114	1,497	0	0	1	115	876	0	0	1	67
			T4M	1,357	0	0	1	104	1,458	0	0	1	112	1,467	0	0	1	113	858	0	0	1	66
			TFTM	1,411	0	0	1	109	1,515	0	0	1	117	1,525	0	0	1	117	892	0	0	1	69
			T2S	2,053	1	0	1	108	2,205	1	0	1	116	2,220	1	0	1	117	1,264	0	0	1	67
			T2M	1,957	1	0	1	103	2,102	1	0	1	111	2,115	1	0	1	111	1,205	0	0	1	63
	530 mA	19W	T3S T3M	2,031	1	0	1	107	2,181 2,159	1	0	1	115	2,194 2,172	1	0	1	115	1,250	0	0	1	66
			T4M	1,970	1	0	1	104	2,139	1	0	1	111	2,172	1	0	1	112	1,212	0	0	1	64
10C			TFTM	2,047	0	0	1	108	2,113	1	0	1	116	2,212	1	0	1	116	1,260	0	0	i	66
0 LEDs)			T2S	2,623	1	0	1	101	2,816	1	0	1	108	2,834	1	0	1	109	1,544	0	0	1	59
			T2M	2,499	1	0	1	96	2,684	1	0	1	103	2,701	1	0	1	104	1,472	0	0	1	57
	700 mA	26W	T3S	2,593	1	0	1	100	2,785	1	0	1	107	2,802	1	0	1	108	1,527	0	0	1	59
			T3M	2,567	1	0	1	99	2,757	1	0	1	106	2,774	1	0	1	107	1,512	0	0	1	58
			T4M TFTM	2,515 2,614	1	0	1	97	2,701 2,808	1	0	1	104	2,718 2,825	1	0	1	105	1,481 1,539	0	0	1	57 59
			T2S	3,685	1	0	1	94	3,957	1	0	1	101	3,982	1	0	1	109	2,235	1	0	1	57
			T2M	3,512	1	0	1	90	3,771	1	0	1	97	3,794	1	0	1	97	2,130	1	0	i	55
	1000 mA	39W	T3S	3,644	1	0	1	93	3,913	1	0	1	100	3,938	1	0	1	101	2,210	1	0	1	57
	1000 IIIA	3944	T3M	3,607	1	0	1	92	3,873	1	0	1	99	3,898	1	0	1	100	2,187	1	0	1	56
			T4M	3,534	1	0	2	91	3,796	1	0	2	97	3,819	1	0	2	98	2,143	1	0	1	55
			TFTM	3,673	1	0	1	94	3,945	1	0	1	101	3,969	1	0	1	102	2,228	1	0	1	57
			T2S T2M	2,820 2,688	1	0	1	123	3,028 2,886	1	0	1	132	3,047 2,904	1	0	1	132 126	1,777	1	0	1	77
			T3S	2,789	1	0	1	121	2,994	1	0	1	130	3,014	1	0	1	131	1,757	0	0	i i	76
	350mA	23W	T3M	2,760	1	0	1	120	2,965	1	0	1	129	2,983	1	0	1	130	1,739	1	0	1	76
			T4M	2,704	1	0	1	118	2,905	1	0	1	126	2,922	1	0	1	127	1,704	1	0	1	74
			TFTM	2,811	1	0	1	122	3,019	1	0	1	131	3,038	1	0	1	132	1,771	0	0	1	77
			T2S	4,079	1	0	1	117	4,380	1	0	1	125	4,407	1	0	1	126	2,504	1	0	1	72
		35W	T2M	3,887	1	0	1	111	4,174	1	0	1	119	4,201	1	0	1	120	2,387 2,477	1	0	1	68 71
	530 mA		T3S T3M	4,033 3,993	1	0	2	115	4,331 4,288	1	0	2	124	4,359 4,315	1	0	2	125	2,477	1	0	1	70
			T4M	3,912	1	0	2	112	4,201	1	0	2	120	4,227	1	0	2	121	2,402	1	0	i i	69
20C	20C		TFTM	4,066	1	0	2	116	4,366	1	0	2	125	4,394	1	0	2	126	2,496	1	0	1	71
(20 LEDs)			T2S	5,188	1	0	1	113	5,572	1	0	1	121	5,607	1	0	1	122	3,065	1	0	1	67
			T2M	4,945	1	0	2	108	5,309	1	0	2	115	5,343	1	0	2	116	2,921	1	0	1	64
	700 mA	46W	T3S	5,131	1	0	2	112	5,510	1	0	2	120	5,544	1	0	2	121	3,031	1	0	1	66
			T3M T4M	5,078 4,975	1	0	2	110	5,454 5,343	1	0	2	119 116	5,487 5,376	1	0	2	119 117	3,000	1	0	1	65
			TFTM	5,172	1	0	2	112	5,343	1	0	2	121	5,376	1	0	2	122	2,939 3,055	1	0	1	66
			T2S	7,204	1	0	2	99	7,736	2	0	2	106	7,784	2	0	2	107	4,429	1	0	1	61
			T2M	6,865	1	0	2	94	7,373	2	0	2	101	7,419	2	0	2	102	4,221	1	0	1	58

Not available with PML option Fuse
 Compatible only with 120V, 277V or 347V (phase to neutral)

- When code dictates fusing, use tim
P Photocell
- Must specify UL or 34 voltage
PML Programmable Multi-Levet
- Refer to PML spec sheet for details
- Intended for downlight applications with
308 4000K Color Temperature
- Minimum 80 CRI
- Color temperature not husting the specific of the color temperature not husting the color t

40K 4000K Color Temperature
- Minimum 70 CRI

50K 5000K Color Temperature - Minimum 90 CRI

neutrall
Consult factory if fusing is required for 208V, 240V or
480V (phase to phase)
Refer to PML spec sheet for availability with PML
options
When code dictates fusing, use time delay fuse

**CREE** \$\DECERS \LIGHTING\$ US: creelighting.com (800) 236-6800 Canada: creelighting-canada.com (800) 473-1234 US: creelighting.com (800) 236-6800 **CREE** \$\Dightarrow\$ LIGHTING Canada: creelighting-canada.com (800) 473-1234

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LITHONIA LIGHTING One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

PROJECT NAME:

CARWASH®

REDLEONARD ASSOCIATES 1340 Kemper Meadow Dr, Forest Park, OH 45240 513-574-9500 | redleonard.com

CREE -

Product Specifications

CREE TRUEWHITE® TECHNOLOGY

CONSTRUCTION & MATERIALS

CREE LIGHTING NANOCOMFORT™ TECHNOLOGY

Luminaire housing is rugged die cast aluminum with an integral, weathertight LED driver compartment and high-performance heat sink Acrylic optic w/clear tempered glass lens

Adjustable arm mount adapters are rugged die cast aluminum

OSQ-ML-C-AA mounts to a horizontal or vertical 2" (51mm) IP, 2.375" (60mm) O.D. tenon and can be adjusted 180° in 2.5° increments

SQ-X-C-AA mounts to a horizontal or vertical 2" [51mm] IP, 2.375-2.50" (60-64mm) 0.D. steel tenon and can be adjusted 180° in 5.0° increments. NOTE: Tenon length must be a minimum of 3.75" (95mm), and tenon must be steel

Trunnion mount is constructed of A500 and A1011 steel and is adjustable from 0-180° in 15° degree increments. Trunnion mount secures to surface with [1] 3/4" bolt or [2] 1/2" or 3/8" bolts

Designed for uplight and downlight applications. Uplight orientation not suitable for use with N or R options

When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current

ANSI C136.2 10kV/5kA (standard) and 20kV/10kA (optional) surge suppression protection tested in accordance with IEEE/ANSI C62.41.2

Dark Sky Friendly, IDA Approved when ordered with 30K CCT and direct arm mount only. Please refer to <a href="https://www.darksky.org/our-work/klighting/lighting-for-industry/fsa/fsa-groducts/">https://www.darksky.org/our-work/klighting/lighting-for-industry/fsa/fsa-groducts/</a> for most current information [Pending]

Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emission: Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambi fog conditions as defined in ASTM Standard B 117

ELECTRICAL SYSTEM
• Input Voltage: 120-277V, 277-480V or 347-480V, 50/60Hz, Class 1 drivers

Busined with 0-10V dimming capabilities. Controls by others
Refer to <u>Dimming spec sheet</u> for details
Maximum 10V Source Currents 1.8mA
Operating Temperature Range: -40°C - +40°C (-40°F - +104°F)

Total Harmonic Distortion: < 20% at full load Integral 10kV/5kA surge suppression protection protection optional

REGULATORY & VOLUNTARY QUALIFICATIONS

• cULus Listed (UL1598)

Lens meets IK07 requirements per IEC 60068-2

RoHS compliant. Consult factory for additional details

CA RESIDENTS WARNING: Cancer and Reproductive Harm -

include 15" (381mm) 18/5 cord exiting the luminaire

OSQ™ LED Area/Flood Luminaire featuring Patented NanoComfort™ Technology - Version C

QTY LABEL DESCRIPTION

Intended for commission special and of the commission of special control of the commission of the

Notes a malable with BML or all options. Not a malable with BML or all options. Not a malable with the following turnen package/viotage and the following turnen package/viotage and the following turnen package/viotage. Note for use with symmetric optics.

**CREE \$\Dightarrow\$** LIGHTING

- Refer to WSN-DPM spec sheet for SimplySNAP On-Site Controller SS450-002 - Verizon® LTE-enabled - Designed for indoor applications - Peter to SS450-002 cape character

(Optional, for increased range, 8dB gain) KIT-ANT420SM

- Kit includes antenna, 50' cable and bracket
- Refer to <u>Outdoor antenna spec sheet</u> for details

antenna, 20' cable and bracket

antenna, 30' cable and bracket

SYNAPSE® SIMPLYSNAP INTELLIGENT CONTROL

- Suitable for 120-480V (UL, UE and UH) voltages - Requires NEMA/ANSI C136.41 7-Pin Dimming

receptacte
Not for use with BML or Q options
Provides On/Off switching, dimming, power

CBSSW-450-002 - Includes On-Site Controller (SS450-002) and

indutions.

a ccordance with IES TM-21, Reported values represent interpolated values based on time durations that are to 6x the tested duration in the IES LM-80 report for the LED.

Field-Installed

Backlight Shield

OSC-M-C-BLSF [Medium]

OSC-M-C-BLSF [Large]

OSC-M-C-BLSF [Extra Large]

- Not for use with rotated optics

Bird Spikes

OSC-M-C-BRDSPK

OSC-M-C-BRDSPK

OSC-M-C-BRDSPK

omfor N° Technology ends the trade-offs in outdoor lighting by reduction and visual comfort in high-efficiency illumination rest it is needed. The basic building block of NanoComfort<sup>N</sup> Technology of LEDs. Each of the 16 LEDs in a module is in contact with its own capture and precisely direct light. With NanoComfort<sup>N</sup> Technology, and and scuptor in loades that relieve the glara and harshness while a discussion of the scale of the

symmetric optics

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