

# SLOTLIGHT LED II 2-1/2" Surface Straight



Suitable for Damp Locations

IBEW Union Made



Applications: SLOTLIGHT LED II provides an elegant, uniform line of light with consistent color that blends seamlessly into the surrounding architecture and can even take light around a corner. A versatile solution perfect for a great variety of applications, including offices, conference rooms, retail spaces, corridors, showrooms, and reception areas.

Type: \_\_\_\_\_ Quantity: \_\_\_\_\_ Project: \_\_\_\_\_

	2	SM		N									
FIXTURE	WIDTH	MOUNT- ING	DISTRI- BUTION	INDIRECT OUTPUT	DIRECT OUTPUT	LED MODULE	LENGTHS	DIRECT OPTIC	HOUSING COLOR <sup>4</sup>	DRIVER	FEED	CONTROL OPTIONS <sup>5</sup>	OPTIONS
<b>SLOTLIGHT LED II</b>	<b>2</b> 2 1/2"	<b>SM</b> Surface Mount	<b>1</b> Direct	<b>N</b> Not Used	<b>9</b> 950 Lm/Ft 11.6 W/Ft	<b>950</b> 80 CRI / 3000K	<b>02</b> 2' Nominal	<b>P</b> Opal Flush	<b>W</b> White	<b>U</b> 0-10 V Dimming Driver 120/277V	<b>T</b> Whip Flex Top	<b>S</b> Separate Control / 2 Channels	<b>E</b> (EL) Standby Battery Pack, Left Side
<b>SLDI</b> Individual <sup>1</sup>					<b>8</b> 850 Lm/Ft 10.2 W/Ft	<b>830</b> 80 CRI / 3000K	<b>03</b> 3' Nominal	<b>W</b> Asym- metric	<b>T</b> Titan	<b>D</b> DALI Dimming 120/277V	<b>R</b> Hard Wire Feed	<b>B</b> Separate Control / 3 Channels	<b>F</b> (ER) Standby Battery Pack, Right Side
<b>SLDR</b> Run <sup>2</sup>			<b>8</b> Direct/ Indirect Housing- BLANK (includes cover)		<b>835</b> 80 CRI / 3500K	<b>835</b> 80 CRI / 3500K	<b>04</b> 4' Nominal	<b>N</b> None	<b>B</b> Black	<b>N</b> None	<b>N</b> None	<b>N</b> None	<b>G</b> (EM) Standby Battery Pack, Mid
<b>SLDS</b> Starter					<b>7</b> 750 Lm/Ft 8.7W/Ft	<b>840</b> 80 CRI / 4000K	<b>05</b> 5' Nominal	<b>Mac- Adam:</b> 3 Step	<b>C</b> Custom	<b>H</b> Lutron HiLume A-Series Dimming Driver 120/277V			<b>H</b> (LM) Standby Battery Pack, Left and Mid
<b>SLDM</b> Middle					<b>6</b> 650 Lm/Ft 7.3W/Ft	<b>930</b> 90 CRI / 3000K	<b>06</b> 6' Nominal	<b>Lens Multi- plier for Lumen Output:</b>	<b>Please specify RAL #:</b> _____				<b>J</b> (MR) Standby Battery Pack, Mid and Right
<b>SLDE</b> End					<b>5</b> 550 Lm/Ft 5.9W/Ft	<b>940</b> 90 CRI / 4000K	<b>07</b> 7' Nominal	<b>Opal Flush</b> 1.00		<b>3</b> Lutron A-Series Driver Wired for 3-Wire Control 120/277V			<b>K</b> (LR) Standby Battery Pack, Left and Right
					<b>4</b> 450 Lm/Ft 4.8W/Ft	<b>000</b> N/A (DL Only)	<b>08</b> 8' Nominal	<b>Asym- metric</b> 0.87		<b>N</b> None			<b>L</b> (E3) Standby Battery Pack, Left, Mid and Right
					<b>3</b> 350 Lm/Ft 3.7W/Ft	<b>MacAdam:</b> 3 Step	<b>09</b> 9' Nominal						<b>Emergency Cir- cuit/Night Light</b>
					<b>N</b> NOT USED	<b>CCT Multiplier for Lumen Output:</b>	<b>10</b> 10' Nominal						<b>M</b> EMC L
						<b>80 CRI</b> 3000K 0.97 3500K 1.00 4000K 1.03	<b>11</b> 11' Nominal						<b>N</b> EMC R
						<b>90 CRI</b> 3000K 0.8 3500K 0.82 4000K 0.85	<b>12</b> 12' Nominal						<b>O</b> EMC M
							<b>Exact Length <sup>3</sup></b>						<b>P</b> EMC L&M
													<b>Q</b> EMC M&R
													<b>R</b> EMC L&R
													<b>A</b> EMC ALL
													<b>X</b> None

<sup>1</sup> For individual fixtures, choose nominal lengths in feet or exact lengths in inches to the 1/4" (min. 23", max. 144") in the LENGTHS column.

<sup>2</sup> For continuous runs, choose nominal lengths in feet or exact lengths in inches to the 1/4" in the LENGTHS column.

<sup>3</sup> Specify exact length in inches (to the 1/4") over 72" (measured from outside of endcap to outside of endcap, not including flanges). Example: 39'6-1/4" would be 474.25"

<sup>6</sup> Minimum length requirements for Separate Control Option. Please contact factory for details.

## LENS REMOVAL TOOL - REQUIRED

11030707 SLED2 Lens removal tool for 2.5" unit  
Please note: Order at least one lens removal tool per order.

Zumtobel Lighting, Inc. ©2018  
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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear on [www.zumtobel.us](http://www.zumtobel.us) are the most recent version and supersede all other versions that exist in any other printed or electronic form.



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06/07/18

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# SLOTLIGHT LED II 2-1/2" Surface Corners



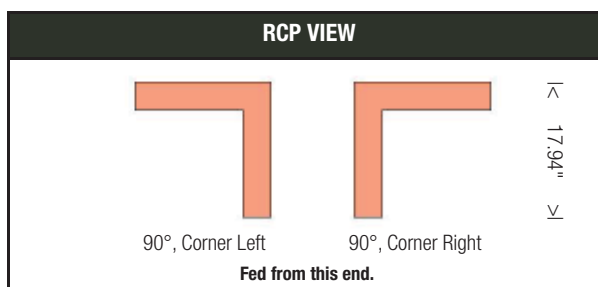
Applications: SLOTLIGHT LED II provides an elegant, uniform line of light with consistent color that blends seamlessly into the surrounding architecture and can even take light around a corner. A versatile solution perfect for a great variety of applications, including offices, conference rooms, retail spaces, corridors, showrooms, and reception areas. Compatible with Armstrong® TechZone™ and USG Logix ceilings for 15/16 Tee, Slotgrid and Tegular.

Type: \_\_\_\_\_ Quantity: \_\_\_\_\_ Project: \_\_\_\_\_

IBEW Union Made

SLD	2	SM		N								
FIXTURE	WIDTH	MOUNTING	DISTRIBUTION	INDIRECT OUTPUT	DIRECT OUTPUT	LED MODULE	LENGTHS	DIRECT OPTIC	HOUSING COLOR	DRIVER	FEED	CONTROL OPTIONS
<b>SLOTLIGHT LED II</b>	<b>2 2 1/2"</b>	<b>SM</b> Surface Mount	<b>1</b> Direct	<b>N</b> Not Used	<b>9</b> 950 Lm/Ft	<b>830</b> 80 CRI / 3000K	<b>CL</b> 90°, Corner Left	<b>P</b> Opal Flush	<b>W</b> White	<b>U</b> 0-10 V Dimming Driver 120/277V	<b>T</b> Whip Flex Top	<b>S</b> Separate Control / 2 Channels
<b>SLDS</b> Starter			<b>4</b> Direct with Downlights		<b>8</b> 850 Lm/Ft	<b>835</b> 80 CRI / 3500K	<b>CR</b> 90°, Corner Right	<b>N</b> N/A (Blank Cover)	<b>T</b> Titan	<b>D</b> DALI Dimming 120/277V	<b>R</b> Hard Wire Feed	<b>B</b> Separate Control / 3 Channels
<b>SLDM</b> Middle			<b>7</b> Downlights Only		<b>7</b> 750 Lm/Ft	<b>840</b> 80 CRI / 4000K			<b>B</b> Black	<b>H</b> Lutron HiLume A-Series Dimming Driver 120/277V	<b>N</b> None	<b>N</b> None
<b>SLDE</b> End			<b>8</b> Direct/Indirect Housing-BLANK (includes cover)		<b>6</b> 650 Lm/Ft	<b>930</b> 90 CRI / 3000K			<b>C</b> Custom	<b>3</b> Lutron A-Series Driver Wired for 3-Wire Control 120/277V		
			<b>9</b> Indirect Housing Blank (includes cover)		<b>5</b> 550 Lm/Ft	<b>935</b> 90 CRI / 3500K				<b>N</b> None		
					<b>4</b> 450 Lm/Ft	<b>940</b> 90 CRI / 4000K						
					<b>3</b> 350 Lm/Ft	<b>000</b> N/A (DL Only)						
					<b>N</b> NOT USED	<b>MacAdam:</b> 3 Step	See drawings below for details.			<b>Please specify RAL #:</b>		
						<b>CCT Multiplier for Lumen Output:</b>						
						<b>80 CRI</b>						
						3000K 0.97						
						3500K 1.00						
						4000K 1.03						
						<b>90 CRI</b>						
						3000K 0.8						
						3500K 0.82						
						4000K 0.85						

<sup>1</sup> Corner length is 17.94".



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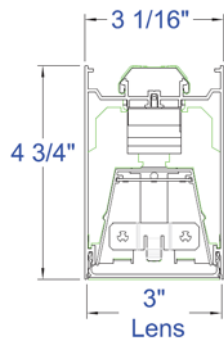
# Details

1. **Housing:** Textured powder coated, precision extruded aluminum
2. **Mounting:** Concealed mounting brackets provided. 8 ft on center typical.
3. **Lengths:** Select individual and run fixtures with nominal lengths of 2', 3', 4', 5', 6', 7', 8', 9', 10', 11', and 12' or choose exact lengths in 1/4" increments. Individual fixtures: min. 23", max. 144". Runs may include Starter, Mids, and End fixtures for shipping. The minimum length may change depending on the configuration selected.
4. **Output, Wattage and CCT:** Direct output available from 350 lm/ft (3.3 W/ft) to 750 lm/ft (8.7 W/ft). Reference: CRI80, CCT 3500K. Please use CCT multipliers to determine relative lumen output for other CCT and CRI values. 3-step MacAdam. Select 3000K, 3500K, or 4000K, with 80 (83 typical) or 90 (95 typical) CRI.
5. **Optic:** Choose from Opal Flush or Asymmetric Optics.
6. **Driver:** Universal voltage 120/277V with integral 0-10V dimming, dims continuously from 100% to 10%. Lutron HiLume A-Series and DALI dimming driver available with continuous dimming from 100% to 1%. Drivers integrated inside luminaire.
7. **Standby Battery Pack:** Optional for straight Individual and Run fixtures. 4' or 5' tray provides 1000 lumens for 90 minutes. Integral inside housing. In some cases, when selecting EM with DALI dimming, only half of the LED tray will be lit - Still providing 1000 lumens. Please contact factory for additional information.
8. **Life:** 50,000 hours rated life. L80.
9. **Damp location:** Suitable for use in damp locations where not subjected to direct spray or condensation.
10. **Weight:** 12lbs
11. **Corers:** Corner length is 17.94". Available as a left and right version (see detail drawings).

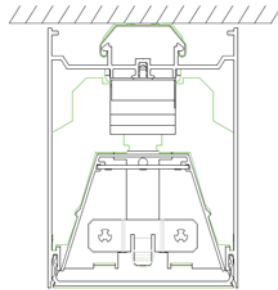
**NOTE:** For non-dimming installations, simply cap off the two control wires and connect the hot/neutral and ground as normal.

# Mounting

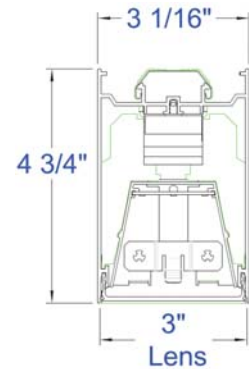
2.5" Surface Mount  
Direct Only, Opal Flush



Surface Mounting Method



2.5" Direct Only, Asymmetric

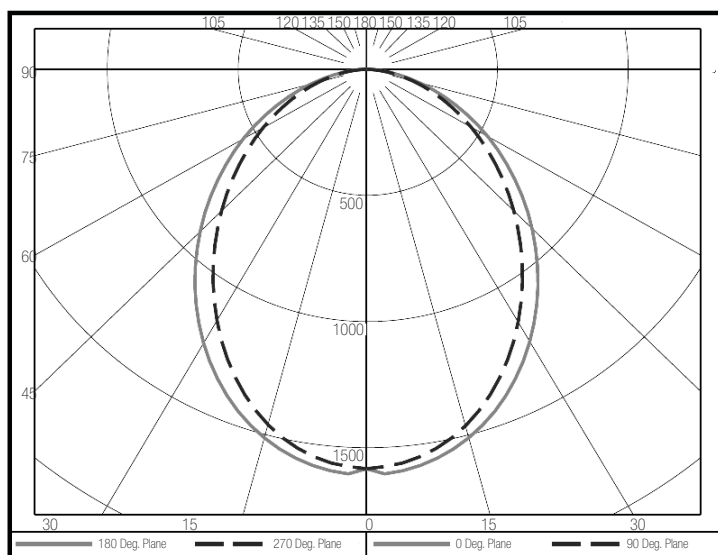


## Photometric Data

## SLOTLIGHT LED II 2.5" DIRECT

**ONLY 3742 Lm 46.46W 81 Lm/W**

SLDI2PD10783504PTUG



## Candela Distribution

Average Luminance (cd/m2)				
Horizontal Angle (Degrees)				
Vertical Angle (Degrees)		0	45	90
	0	17400	17400	17400
	45	14010	12990	12290
	55	12630	11570	10810
	65	11100	10150	9375
	75	9179	8507	7886
	85	6642	6298	6045

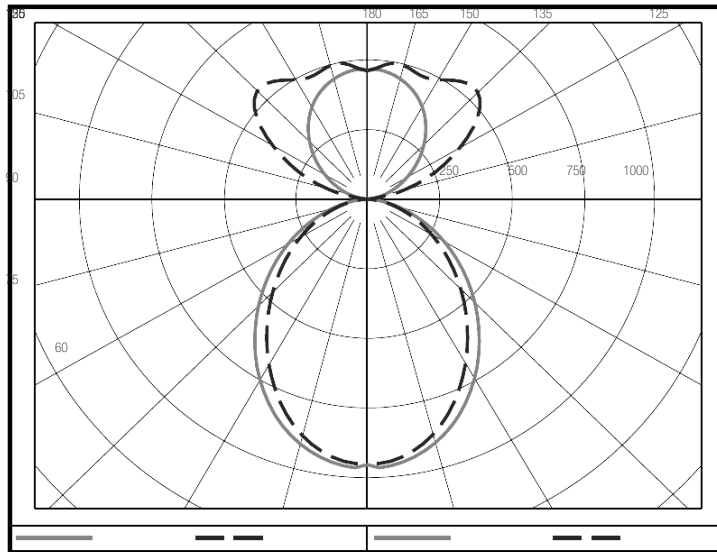
Utilization of Lumens - Zonal Cavity Method																		
Effective Floor Cavity Reflectance 20%																		
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
** Values are expressed as Lumens delivered to the task surface **																		
0	4392	4392	4392	4392	4290	4290	4290	4290	4099	4099	4099	3925	3925	3925	3765	3765	3765	3690
1	4035	3868	3719	3584	3936	3785	3649	3525	3629	3517	3414	3485	3394	3310	3353	3280	3212	3136
2	3689	3399	3159	2958	3593	3330	3110	2922	3200	3015	2855	3080	2926	2790	2970	2842	2728	2650
3	3379	3006	2718	2489	3289	2949	2682	2466	2840	2611	2423	2739	2545	2381	2646	2481	2341	2262
4	3106	2680	2369	2131	3023	2632	2341	2116	2540	2288	2087	2456	2237	2059	2377	2188	2032	1954
5	2866	2408	2088	1852	2790	2367	2067	1842	2290	2025	1822	2218	1985	1803	2151	1947	1784	1708
6	2654	2179	1860	1630	2585	2144	1843	1623	2079	1810	1609	2017	1778	1595	1960	1748	1581	1508
7	2468	1984	1670	1451	2405	1954	1657	1445	1898	1630	1435	1846	1605	1425	1796	1580	1415	1343
8	2302	1817	1512	1303	2246	1792	1501	1299	1744	1479	1291	1698	1458	1283	1656	1438	1275	1207
9	2155	1673	1378	1179	2104	1652	1369	1176	1610	1351	1170	1571	1334	1164	1534	1317	1158	1092
10	2024	1549	1264	1075	1978	1530	1256	1072	1494	1241	1068	1459	1227	1063	1427	1213	1058	995

Taken from .ies report #10767799-1042060

All values are rated values. Luminous flux and connected electrical load are subject to an initial tolerance of  $\pm 10\%$ . Tolerance of color temperature:  $\pm 150$  K.  
Unless stated otherwise, the values apply to an ambient temperature of  $25^{\circ}\text{C}$ .

# Photometric Data

## SLOTLIGHT LED II 2.5" DIRECT/ INDIRECT 3742 Lm 46.46W 81 Lm/W SLDI2PD10783504PTUG



### Candela Distribution

Average Luminance (cd/m2)				
Horizontal Angle (Degrees)				
Vertical Angle (Degrees)		0	45	90
	0	10420	10420	10420
	45	8227	7594	7143
	55	7342	6682	6213
	65	6374	5771	5311
	75	5112	4732	4327
	85	3319	3206	2962

Utilization of Lumens - Zonal Cavity Method																		
Effective Floor Cavity Reflectance 20%																		
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
** Values are expressed as Lumens delivered to the task surface **																		
0	4229	4229	4229	4229	3929	3929	3929	3929	3369	3369	3369	2856	2856	2856	2386	2386	2386	2164
1	3873	3707	3559	3425	3594	3452	3324	3208	2973	2879	2793	2533	2466	2404	2127	2082	2039	1847
2	3536	3251	3015	2817	3277	3031	2826	2651	2619	2464	2331	2238	2125	2026	1886	1806	1734	1566
3	3233	2868	2586	2361	2995	2678	2430	2229	2320	2130	1974	1989	1847	1727	1682	1578	1489	1339
4	2964	2547	2241	2008	2745	2382	2111	1901	2070	1859	1693	1780	1620	1490	1510	1391	1293	1159
5	2726	2276	1962	1730	2526	2132	1852	1642	1859	1638	1469	1604	1434	1300	1367	1238	1134	1014
6	2516	2048	1734	1508	2333	1921	1639	1434	1680	1456	1288	1455	1279	1145	1244	1110	1005	897
7	2330	1854	1545	1329	2162	1741	1463	1266	1528	1304	1141	1328	1151	1019	1140	1003	898	800
8	2165	1687	1387	1180	2012	1587	1315	1126	1397	1176	1019	1218	1042	913	1050	912	809	719
9	2019	1544	1253	1057	1878	1455	1190	1010	1284	1068	916	1123	949	824	971	834	733	651
10	1889	1420	1139	952	1759	1339	1083	911	1185	975	829	1040	869	749	903	767	669	594

Taken from .ies report #10767799-1042063

All values are rated values. Luminous flux and connected electrical load are subject to an initial tolerance of +/- 10%. Tolerance of color temperature: +/- 150 K. Unless stated otherwise, the values apply to an ambient temperature of 25°C.