

Input data

	S.f. shop: 803	Desired lumens per s.f Shop: 140	Total lumens	
	803	140	112420	

Lights

Brand/model	Watt per 4 feet	Lume ns per 4 feet	CRI	Price per 4'	Count to get # of lumens	Lumens w/ that count	Lumens per sf	Energy consum ption	Cost for 100k lumens	Price/ lumen	Hours	URL	Plug?	Notes	Photo	
Primelights - LED 4 Lamp T8 STINGRAY 4XL Highbay Fixture 88 Watt Froste	88	11400	80	\$121.00	10	114000	141.9676	880	\$1210.00	\$0.0106	50,000	https://www.primelights.com/products/primelights-led-4-lamp-t8-stingray-4xl-highbay-fixture-88-watt-frosted	Hardwire each			
Primelights - The BOLT – 2 Lamp LED Shop Light – 5,700 Lumens Frosted	44	5700	80	\$54.00	20	114000	141.9676	880	\$1080.00	\$0.0095	70,000	https://www.primelights.com/products/primelights-the-bolt-2-lamp-led-shop-light-5700-lumens-frosted	Hardwire each			
Primelights - 3 lamp BOLT	66	8550	80	\$74.00	14	119700	149.0660	924	\$1036.00	\$0.0087	50,000	https://www.primelights.com/products/primelights-3-lamp-bolt	Hardwire each	5% discount can be added on! Free shipping		
Primelights - Patriot 3 lamp SEALED	66	8550	85	\$85.00	14	119700	149.0660	924	\$1190.00	\$0.0099	50,000	https://www.primelights.com/products/primelights-patriot-3-lamp-sealed	Hardwire each			
Feit Electric shop light	120	12,000	80	\$66.47	10	120000	149.4396	1200	\$664.70	\$0.0055	25,000	https://www.homedepot.com/p/Feit-Electric-Shop-Light-120-Watt-LED-Shop-Light-4-FT-12000-Lumen-80-CRI-White-10-Pack/305000000	Yes	Linkable 3 items; PLUG IN!		
Sunco Lighting 2 Pack Wraparound 11" Wide LED Shop Light, 4 FT, Linkable, 72W, 8500 LM, 5000K	72	8500	80	\$60.00	14	119000	148.1942	1008	\$840.00	\$0.0071	7 year warranty 50,000 hour	https://www.amazon.com/Sunco-Lighting-2-Pack-Wraparound-11-Wide-LED-Shop-Light-4-FT-Linkable-72W-8500-LM-5000K/dp/B073333333	No/hardwire	Linkable to 4... other options available. Diffuser		
Sunco Lighting 2 Pack Wraparound 8.5" Wide LED Shop Light, 4 FT, Linkable, 60W	60	7200	80	\$52.50	16	115200	143.4620	960	\$840.00	\$0.0073		https://www.amazon.com/Sunco-Lighting-2-Pack-Wraparound-8-5-Wide-LED-Shop-Light-4-FT-Linkable-60W/dp/B073333333	hardwwire	Linkable to 5		
Sunco Lighting 4 Pack Wraparound 7" Wide LED Shop Light, 4 FT, Linkable, 50W, 6500 LM	50	6500	80	\$40.00	18	117000	145.7036	900	\$720.00	\$0.0062	50000	https://www.amazon.com/Sunco-Lighting-4-Pack-Wraparound-7-Wide-LED-Shop-Light-4-FT-Linkable-50W-6500-LM/dp/B073333333	hardwire	Linkable to 6		
Sunco Lighting 4 Pack Wraparound LED Shop Light, 4 FT, Linkable, 40W=300W, 3500 LM	40	3500	80	\$30.00	33	115500	143.8356	1320	\$990.00	\$0.0086		https://www.amazon.com/Sunco-Lighting-4-Pack-Wraparound-LED-Shop-Light-4-FT-Linkable-40W-300W-3500-LM/dp/B073333333	hardwwire	Linkable to 8		
American Green Lights - SL-4L HIGH CRI COMMERCIAL SHOP LIGHT	48	5000	95	\$99.00	23	115000	143.2129	1104	\$2277.00	\$0.0198	120,000	https://shop.americangreenlights.com/products/sl-4l-high-cri-commercial-shop-light	hardwire	dimmbable		
American Green Lights - Bare strip + driver (4FT 24W HIGH CRI LED BARE STRIPS)	48	5000	95	\$84.00	23	115000	143.2129	1104	\$1932.00	\$0.0168	120,000	https://shop.americangreenlights.com/products/bare-strip-4ft-24w-high-cri-led-bare-strips	Driver included in estimate..not worth the cost to DIY..			
Barrina LED Shop Light, 8FT 72W 9000LM 5000K,	36	4500	85	\$9.00	25	112500	140.0996	900	\$225.00	\$0.0020	NOT LISTED	https://www.amazon.com/Barrina-LED-Shop-Light-8FT-72W-9000LM-5000K/dp/B073333333	Plug and hardwire	Link able 5 in series. Lumens may be less! 8500 listed in one spot. NOTE 8'.only need half as many as the count...		
Hykolity 110W 8FT LED Shop Lights Ultra Slim LED Wraparound, 12600lm	55	6300	?	\$62.50	18	113400	141.2204	990	\$1125.00	\$0.0099	NOT LISTED	https://www.amazon.com/Hykolity-110W-8FT-LED-Shop-Lights-Ultra-Slim-LED-Wraparound-12600lm/dp/B073333333	lowes..	Questionable..		
AntLux 8FT LED Shop Lights 110W Ultra Slim LED Wraparound Lights, 12600LM, 5000K, 8 Foot	55	6300	?	\$147.50	18	113400	141.2204	990	\$2655.00	\$0.0234	50,000	https://www.antlux.com/AntLux-8F		Not worth the cost..		
Designers Fountain 5400-Lumen Daylight LED Wraparound Light AKA Lowes!	60	5400	?	\$48.48	21	113400	141.2204	1260	\$1018.08	\$0.0090	40,000					