

**QUALIFYING PRODUCTS**  
**High-Performance 4' T8 Lamps**

Updated 11/02/09

**CEE High-Performance Commercial Lighting Systems Initiative**

Legend: *Red Font (Italics)* is a product no longer manufactured, but existing stock still meets the criteria as qualifying products

Mfr	Product Name	Order Code	Model Number or Description	Color Temp (K)	Rated Life (hrs) <sup>1</sup>		Initial Lumens	Mean Lumens	CRI	Lumen Maintenance	
					IS	RS/PRS					
CRI Lighting	N/A	n/a	F32T8/830 XP	3000	24,000	30,000	3100	2950	83	0.94	
			F32T8/835 XP	3500	24,000	30,000	3100	2950	83	0.94	
			F32T8/841 XP	4100	24,000	30,000	3100	2950	83	0.94	
			F32T8/850 XP	5000	24,000	30,000	3100	2950	83	0.94	
			F32T8/865 XP	6500	24,000	30,000	3100	2950	83	0.94	
Eiko	Eiko High Lumen	n/a	F32T8/830HL	3000	24000	24000	3100	2915	83	0.94	
		n/a	F32T8/835HL	3500	24000	24000	3100	2915	83	0.94	
		n/a	F32T8/841HL	4100	24000	24000	3100	2915	83	0.94	
		n/a	F32T8/850HL	5000	24000	24000	3000	2820	83	0.94	
Espen Technology, Inc.	Elite HE	13986	F32T8/827/HE	2700	24000	30000	3100	2915	85	0.94	
		13987	F32T8/830/HE	3000	24000	30000	3100	2915	85	0.94	
		13988	F32T8/835/HE	3500	24000	30000	3100	2915	85	0.94	
		13989	F32T8/841/HE	4100	24000	30000	3100	2915	85	0.94	
		13990	F32T8/850/HE	5000	24000	30000	3100	2915	85	0.94	
General Electric Company	Ecolux High Lumen	10327	F32T8/XL/SPX30/HL/ECO	3000	25,000	36,000	3100	2915	85	0.94	
		10326	F32T8/XL/SPX35/HL/ECO	3500	25,000	36,000	3100	2915	85	0.94	
		10322	F32T8/XL/SPX41/HL/ECO	4100	25,000	36,000	3100	2915	82	0.94	
		42556	F32T8/XL/SPX50/HL/ECO	5000	25,000	36,000	3000	2820	80	0.94	
		80497	F32T8XLSPX50HCVG	5000	24,000	29,000	3100	2915	85	0.94	
Halco Lighting Technologies	ProLume	109404	F32T8/850/ECO	5000	24,000	24,000	3050	2900	86	0.95	
		109428	F32T8/865/ECO	6500	24,000	24,000	3050	2900	86	0.95	
	ProLume Industrial/Commercial	35153	F32T8/850/ECO/IC	5000	24,000	24,000	3050	2900	85	0.95	
		35154	F32T8/865/ECO/IC	6500	24,000	24,000	3050	2900	85	0.95	
	ProLume	35155	F32T8/830/ECO/HL	3000	24,000	24,000	3100	2950	85	0.95	
		35156	F32T8/835/ECO/HL	3500	24,000	24,000	3100	2950	85	0.95	
		35157	F32T8/841/ECO/HL	4100	24,000	24,000	3100	2950	85	0.95	
		35158	F32T8/850/ECO/HL	5000	24,000	24,000	3100	2950	85	0.95	
H&H Industries, Inc.	POWR-TEK PLUS	HH301	F32T8POWR-TEK PLUS	5000	36,000	36,000	3150	2992	89	0.95	
Howard Industries	High Lumen	01947	F32T8/830/HL/ECO	3000	24,000	24,000	3100	2950	85	0.95	
		01948	F32T8/835/HL/ECO	3500	24,000	24,000	3100	2950	85	0.95	
		01949	F32T8/841/HL/ECO	4100	24,000	24,000	3100	2950	85	0.95	
		02858	F32T8/850/HL/ECO	5000	24,000	24,000	3100	2950	85	0.95	
		03753	F32T8/830/HL/ECO/IC	3000	24,000	24,000	3100	2950	83	0.95	
		03754	F32T8/835/HL/ECO/IC	3500	24,000	24,000	3100	2950	83	0.95	
		03755	F32T8/841/HL/ECO/IC	4100	24,000	24,000	3100	2950	83	0.95	
		03756	F32T8/850/HL/ECO/IC	5000	24,000	24,000	3100	2950	83	0.95	
Hygrade (also NARVA, Hygrade/Narva, and TriPhase)	High Lumen	681	F32T8/HL/830	3000	24000	24,000	3100	2950	85	0.95	
		682	F32T8/HL/835	3500	24000	24,000	3100	2950	85	0.95	
		683	F32T8/HL/841	4100	24000	24,000	3100	2950	85	0.95	
		684	F32T8/HL/850	5000	24000	24,000	3100	2950	85	0.95	
IWI Lighting	IntegraLight	60855IL	F32T8IntegraLight	5000	36000	36,000	3100	2950	86	0.95	
Kumho Electric USA	Earthcare	413830	F29T8/830/EC-HL	3000	24,000	24,000	3100	2915	82	0.94	
		413835	F29T8/835/EC-HL	3500	24,000	24,000	3100	2915	82	0.94	
		413841	F29T8/841/EC-HL	4100	24,000	24,000	3100	2915	82	0.94	
		413850	F29T8/850/EC-HL	5000	24,000	24,000	3070	2915	82	0.94	
					F32T8/830	3000	24,000	30,000	3100	2950	>81
				F32T8/835	3500	24,000	30,000	3100	2950	>81	0.94
				F32T8/841	4100	24,000	30,000	3100	2950	>81	0.94
				F32T8/850	5000	24,000	30,000	3100	2950	>81	0.94
				F32T8/865	6500	24,000	30,000	3100	2950	>81	0.94
	LITETRONICS, INT.	Color Brite T8	L-359	F32T8 CB50	5000	30,000	30,000	3200	3008	90	0.94
ENERGY-LITE		L-334	F32 T8 830	3000	30,000	30,000	3100	2914	85	0.94	
		L-335	F32 T8 835	3500	30,000	30,000	3100	2914	85	0.94	
		L-336	F32 T8 841	4100	30,000	30,000	3100	2914	85	0.94	
		L-337	F32 T8 850	5000	30,000	30,000	3100	2914	85	0.94	

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					IS	RS/PRS				
Maintenance Engineering	Premira Fluorescent	PMX135	F32T8/AWX8550/TC	5000	24,000	30,000	3050	2898	85	0.95
Maxlite	Premium T8	51048	F32T8/830	3000	24,000	24,000	3100	2900	85	0.94
		51045	F32T8/835	3500	24,000	24,000	3100	2900	85	0.94
		51046	F32T8/841	4100	24,000	24,000	3100	2900	85	0.94
		51047	F32T8/850	5000	24,000	24,000	3100	2900	85	0.94
		51053	F32T8/865	6500	24,000	24,000	3100	2900	85	0.94
	T8 XL	51058	F32T8/835XL	3500	24,000	24,000	3200	3020	85	0.94
		51050	F32T8/841XL	4100	24,000	24,000	3200	3020	85	0.94
		51049	F32T8/850XL	5000	24,000	24,000	3200	3020	85	0.94
		51060	F32T8/865XL	6500	24,000	24,000	3200	3020	85	0.94
Osram - Sylvania	Octron XPS	21660	FO32/850XPS/ECO3	5000	24,000	36,000	3100	2945	81	0.95
		21680	FO32/830/XPS/ECO3	3000	24,000	36,000	3100	2945	85	0.95
		21659	FO32/865XPS/ECO3	6500	24,000	36,000	3000	2850	81	0.95
		21697	FO32/835/XPS/ECO3	3500	24,000	36,000	3100	2945	85	0.95
		21681	FO32/841/XPS/ECO	4100	24,000	36,000	3100	2945	85	0.95
				13987-3	F32T8/ADV830/ALTO	3000	24,000	30,000	3100	2950
Philips Lighting	Alto Advantage	13988-1	F32T8/ADV835/ALTO	3500	24,000	30,000	3100	2950	85	0.97
		13989-9	F32T8/ADV841/ALTO	4100	24,000	30,000	3100	2950	85	0.97
		13990-7	F32T8/ADV850/ALTO	5000	24,000	30,000	3100	2935	82	0.97
				91610	F32T8/835 - Hi Lumen	3500	30,000	36,000	3100	2950
Premium Quality Lighting, Inc.	SuperiorLife - HiLum	91611	F32T8/841/Hi Lumen - Superior Life	4100	30,000	36,000	3100	2950	85	0.95
		91612	F32T8/Sky-Brite Plus Hi Lumen	5000	30,000	36,000	3100	2950	85	0.95
		91613	F32T8/Sky-Brite Plus® Hi Lumen	5000	30,000	36,000	3100	2950	85	0.95
		91613-HL	F32T8/850 Hi Lumen	5000	24,000	24,000	3100	2950	85	0.95
		91607-HL	F32T8/841 Hi Lumen	4100	24,000	24,000	3100	2950	85	0.95
		91601-HL	F32T8/835 Hi Lumen	3500	24,000	24,000	3100	2950	85	0.95
		91603-HL	F32T8/830 Hi Lumen	3000	24,000	24,000	3100	2950	85	0.95
		72614	F32T8/865	6500	24,000	24,000	3100	2950	85	0.95
		91615	F32T8/VITA-BRITE	5400	24,000	24,000	3100	2950	88	0.95
		Radiant Lamp Company	Triten 50 Ultra	60766	F32T8/Triten50/ULTRA/ENV	5000	24,000	24,000	3100	2950
Satco Products, Inc	Satco Hygrade	S8426	F32T8/830/ES/ENV	3000	20,000	24,000	3200	3050	82	92
		S8427	F32T8/835/ES/ENV	3500	20,000	24,000	3200	3050	82	92
		S8428	F32T8/841/ES/ENV	4100	20,000	24,000	3200	3050	82	92
		S8429	F32T8/850/ES/ENV	5000	20,000	24,000	3200	3050	82	92
Shat-r-shield, Inc	Clear Safety-Coated Extended Performance	46547S	F32T8 830/XPS/ECO	3000	24,000	36,000	3100	2945	85	0.95
		46549S	F32T8 835/XPS/ECO	3500	24,000	36,000	3100	2945	85	0.95
		46548S	F32T8 841/XPS/ECO	4100	24,000	36,000	3100	2945	85	0.95
		46550S	F32T8 850/XPS/ECO	5000	24,000	36,000	3100	2945	81	0.95
		46551S	F32T8 865/XPS/ECO	6500	24,000	36,000	3100	2945	81	0.95
		46648	F32T8 ADV830/ALTO	3000	24,000	30,000	3100	2950	85	0.97
		46646	F32T8 ADV835/ALTO	3500	24,000	30,000	3100	2950	85	0.97
		46548	F32T8 ADV841/ALTO	4100	24,000	30,000	3100	2950	85	0.97
		46558	F32T8 ADV850/ALTO	5000	24,000	30,000	3100	2950	82	0.97
Technical Consumer Products, Inc.	TCP High Lumen	31032850HL	F32T8/850/HL	5000	24,000	24,000	3100	2915	86	0.94
		31032830HL	F32T8/830/HL	3000	24,000	24,000	3100	2915	85	0.94
		31032835HL	F32T8/835/HL	3500	24,000	24,000	3100	2915	85	0.94
		31032841HL	F32T8/841/HL	4100	24,000	24,000	3100	2915	85	0.94
		31032865HL	F32T8/865/HL	6500	24,000	24,000	3100	2915	85	0.94
		31032850	F32T8/850	5000	24,000	24,000	2950	2800	85	0.95
Topaz Lighting	TOPAZ/CXL	FO32/830/XL-40	32W 48" T8 3,000K Fluorescent	3000	24,000	30,000	3100	2900	85	0.94
		FO32/835/XL-40	32W 48" T8 3,500K Fluorescent	3500	24,000	30,000	3100	2900	85	0.94
		FO32/841/XL-40	32W 48" T8 4,100K Fluorescent	4100	24,000	30,000	3100	2900	85	0.94
SLI Lighting	Terra-Lux High Lumen	1920	F32T8/HL/835	3500	24,000	24,000	3100	2915	85	0.94
		1921	F32T8/HL/841	4100	24,000	24,000	3100	2915	85	0.94
		1923	F32T8/HL/850	5000	24,000	24,000	3100	2915	85	0.94
Standard Products	XL31	10914	F32T8/830/XL31	3000	24,000	36,000	3100	2950	85	0.97
		10915	F32T8/835/XL31	3500	24,000	36,000	3100	2950	85	0.97
		10916	F32T8/841/XL31	4100	24,000	36,000	3100	2950	85	0.97
		10917	F32T8/850/XL31	5000	24,000	36,000	3100	2950	85	0.97
				32830	F32T8/830/SuperEco	3000	24,000	30,000	3200	3040
Super Eco Products, LLC	Super Eco T-8 Plus	32840	F32T8/840/SuperEco	4200	24,000	30,000	3200	3040	86	0.95
		32850	F32T8/850/SuperEco	5000	24,000	30,000	3200	3040	86	0.95
Superior Lamp, Inc.	Heavy Duty Fluorescent	HDX145	F32Y8/WX8550/TC	5000	24,000	30,000	3050	2898	85	0.95
USHIO America, Inc.	ULTRA 8 High Lumen	3000480	F32T8/841/HL	4100	24,000	30,000	3150	2990	86	0.95
		3000524	F32T8/850/HL	5000	24,000	30,000	3150	2990	86	0.95
Westinghouse Lighting Corporation	XL	7027	F32T8/830/XL/ECOMAX	3000	24,000	30,000	3100	2950	86	0.95
		7028	F32T8/835/XL/ECOMAX	3500	24,000	30,000	3100	2950	86	0.95
		7029	F32T8/841/XL/ECOMAX	4100	24,000	30,000	3100	2950	86	0.95

<sup>1</sup> Life based on 3-hr. duty cycle