



## CLEANPAK Lighting Matrix

CLEANPAK Description			Numbers in table are footcandles											
			CEILING HEIGHT ==>			2' On Center Lights			4' On Center Lights			6' On Center Lights		
			Room W	Room L	8'	10'	12'	8'	10'	12'	8'	10'	12'	
CLEANPAK Description			Room W	Room L	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	
Clean-Trak 2.6 LED03 clear	26-LED03-0.75-WOR-WPCDL	8'	24'	169	142	121	91	77	65	61	52	44		
	ITL80138	16'	24'	209	186	166	112	100	89	76	67	60		
	HIGH LEVEL	48'	48'	267	254	242	139	132	126	93	88	84		
	26-LED03-0.42-WOR-WPCDL	8'	24'	99	83	71	53	45	38					
	ITL80139	16'	24'	122	108	97	66	58	52					
	STANDARD LEVEL	48'	48'	156	148	141	81	77	73					
Clean-Trak 2.6 LED03 amber	26-LED03-0.75-WOR-WPADL	8'	24'	111	94	80	60	50	43	40	34	29		
	ITL80140	16'	24'	136	121	109	73	65	59	49	44	39		
	HIGH LEVEL	48'	48'	173	165	157	90	86	82	60	57	55		
	26-LED03-0.42-WOR-WPADL	8'	24'	65	55	47	35	29	25					
	ITL80141	16'	24'	79	71	63	43	38	34					
	STANDARD LEVEL	48'	48'	101	96	92	52	50	48					
Clean-Trak 2.6 T8 clear	26-25T8-WWR-WPCL	8'	24'	84	70	60	45	38	32					
	ITL75542	16'	24'	103	92	82	56	49	44					
	BALLAST FACTOR .88	48'	48'	132	125	119	68	65	62					
Clean-Trak 2.6 T8 amber	26-25T8-WWR-WPAL	8'	24'	56	47	40	30	25	22					
	ITL76650	16'	24'	69	61	54	37	33	29					
	BALLAST FACTOR .88	48'	48'	87	83	79	45	43	41					
Clean-Trak 2.6 T5 clear	26-54T5-WWR-WPCL	8'	24'	190	159	135	102	85	73	69	57	49		
	ITL76653	16'	24'	232	206	184	125	111	99	84	75	66		
	BALLAST FACTOR 1.02	48'	48'	293	279	266	152	145	138	102	97	92		
	26-39T5-WWR-WPCL	8'	24'	171	132	112	92	71	60	62	49	41		
	ITL76651	16'	24'	208	172	153	112	93	83	75	62	55		
	BALLAST FACTOR 1.02	48'	48'	264	234	223	137	121	116	92	81	77		
	26-28T5-WWR-WPCL	8'	24'	158	132	112	85	71	60	57	48	40		
	ITL76655	16'	24'	193	171	153	104	92	83	70	62	55		
	BALLAST FACTOR 1.05	48'	48'	244	232	222	127	121	115	85	81	77		
	26-21T5-WWR-WPCL	8'	24'	112	94	80	60	51	43	41	35	29		
	ITL77972	16'	24'	138	123	110	74	66	59	50	44	40		
	BALLAST FACTOR 1.05	48'	48'	175	167	159	91	86	82	61	58	55		
Clean-Trak 2.6 T5 amber	26-54T5-WWR-WPAL	8'	24'	139	116	99	75	63	53	50	42	36		
	ITL76654	16'	24'	169	151	135	91	81	73	61	55	49		
	BALLAST FACTOR 1.02	48'	48'	212	203	194	110	105	100	74	70	67		
	26-39T5-WWR-WPAL	8'	24'	118	92	79	64	50	42	43	33	29		
	ITL76652	16'	24'	145	120	107	78	64	58	52	43	39		
	BALLAST FACTOR 1.02	48'	48'	182	162	154	95	84	80	63	56	54		
	26-28T5-WWR-WPAL	8'	24'	112	94	80	60	51	43	41	34	29		
	ITL76656	16'	24'	137	122	109	74	66	59	49	44	39		
	BALLAST FACTOR 1.05	48'	48'	172	164	156	89	85	81	60	57	54		
	26-21T5-WWR-WPAL	8'	24'	75	63	55	41	34	29					
	ITL77971	16'	24'	92	82	74	50	44	40					
	BALLAST FACTOR 1.05	48'	48'	116	111	106	60	58	55					
Clean-Trak 2.6 Troffer clear	ESTIMATED USING	8'	24'				105	87	72					
	AMBER IES FILE*1.42 LLF	16'	24'				129	114	100					
		48'	48'				158	149	142					
Clean-Trak 2.6 Troffer amber	2X4 4XF28T5/GO	8'	24'				74	61	51					
	T26381	16'	24'				91	80	71					
	BALLAST FACTOR 1.05	48'	48'				111	105	100					

**Preferred choices. For the least cost, try to use the 4' and 6' on center lights column first. If you cannot find something that works here, then go to the 2' on center columns.**

**Do not use, except for very high light level requirements--higher cost.**

**Do not use, except for low light level applications.**

Reflectances: Ceiling 0.8 (white powder coated perforated screens); Walls 0.6 (white cleanroom walls); Floor 0.3 (gray grates). 0.91 Depreciation factor. Light levels measured at work plane 30" above floor. No allowances have been made for effects of tools, furniture, or windows which could either result in higher or lower light levels. Other factors that were not assumed for these calculations, but which may affect illumination values include: temperature, luminaire dirt and luminaire or wall surface depreciation (negligible in cleanrooms), and line voltage characteristics.