

Project Name	Type
Catalog #	Date

FLUORESCENT HIGH BAY T5HO - 4 FT.



AT A GLANCE

APPLICATION
HIGH BAY/GYMNASIUM

NUMBER OF LAMPS
4/5/6/8

LAMP TYPE
T5HO

FEATURES

- Energy-efficient fluorescent F54 T5HO alternative to Low Bay and High Bay lighting.
- Instant restrike.
- Uplight options.
- No color shift.
- Improved uniform illumination.
- 480 Volt option.
- Improved lumen maintenance.
- Extended lamp life.
- Hanging options include pendant, chain and adjustable cable.

CONSTRUCTION

- Body is code gauge steel or aluminum painted white standard, custom colors available.
- Ballast chamber hat section vented and formed for strength and heat dissipation.
- End caps are riveted to body for strength and rigidity.
- Optics are high reflectance code gauge aluminum. No tools required for ballast access.
- Lens options include cam-latched and gasketed heavy duty door frame.

ELECTRICAL

- Class P, HPF electronic ballasts.
- Rotating camlock lampholders.
- U.L. listed damp location.

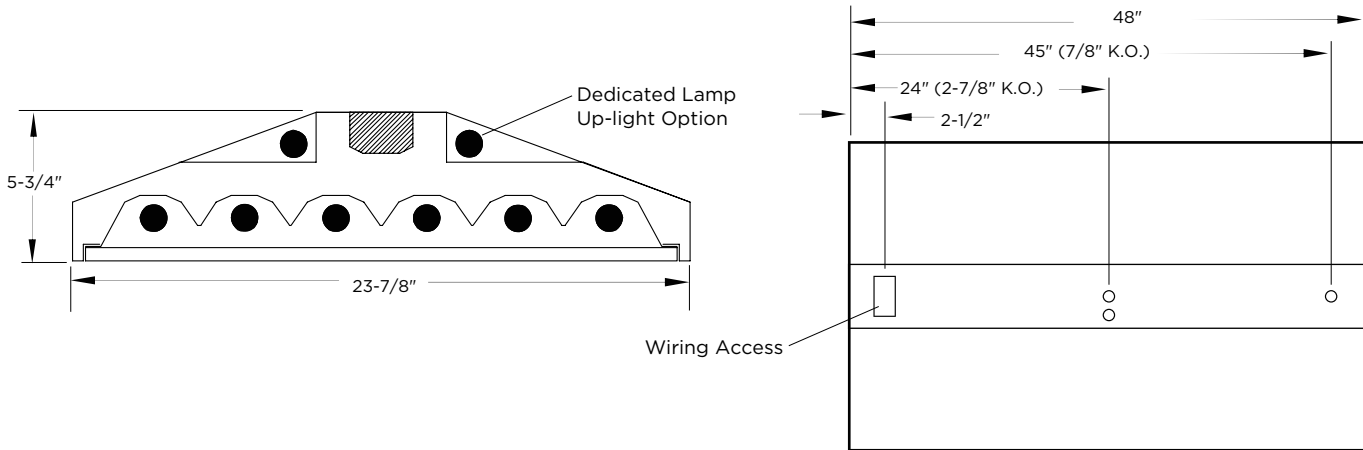
ORDER LOGIC

SAMPLE CATALOG NUMBER: **FHB40451MNXGUPR0046AXX28C**

LENGTH (in feet)	LAMP TYPE	OPTICS	MOUNTING	BALLAST CONFIG.	NEMA PLUG	OCCUPANCY SENSORS	LAMPS	SPECIAL OPTIONS
4 = 4 FT	51 - F51 T5HO WM 54 - F54 T5HO	N - Normal T - Task S - Spread	A - Pendant G - Adjustable cable (2) Y - Y hangers (2) X - None	004 - (1) 4 lamp 022 - (2) 2 lamp 033 - (2) 3 lamp 024 - (1) 2 lamp, (1) 4 lamp 044 - (2) 4 lamp 023 - (1) 2 lamp (1) 3 lamp	A - 120V, 15A straight-blade B - 277V, 20A twistlock C - 480V, 20A twistlock D - 277V, 15A twistlock X - None	1 - Sensor, aisle, 120/277V line voltage 2 - Sensor, open, 120/277V line voltage 3 - Sensor, aisle, 480V line voltage 4 - Sensor, open, 480V line voltage X - None	A - 3500K B - 4100K C - 5000K	Consult Factory
NO. LAMPS	REFL. MATERIAL	UPLIGHT	BALLAST	CORD LENGTH	SHIELDING	EMG BACKUP	COLOR	
04 05 06 08	M - Enhanced Aluminum (95%) W - White Aluminum (91%)	S - Slots X - None	UPR - Universal Programmed Rapid Start 4RN - 480V Rapid Start	6 - 6 ft. 8 - 8 ft. T - 10 ft. 1 - 12 ft. X - None	D1 - Lens, Prismatic, XL steel door frame D2 - Lens, Clear, XL steel door frame W1 - Wraparound wireguard L4 - Lens, Clear, HD door frame G6 - Lens, clear wireguard, wraparound XX - None	8 - (1) F54, 90 min. X - None	X - None	



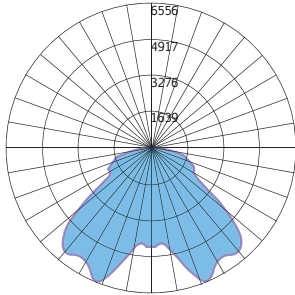
DIMENSIONAL DATA



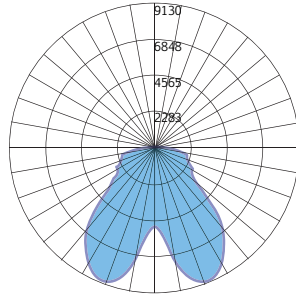
Note: No open holes on "sealed and gasketed option".

PHOTOMETRIC DATA

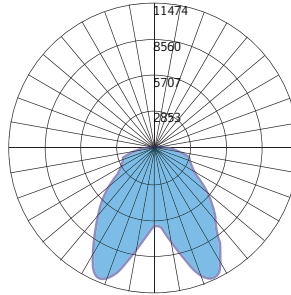
FHB 4X54
Spacing Criteria = 1.9
Efficiency = 97.6%



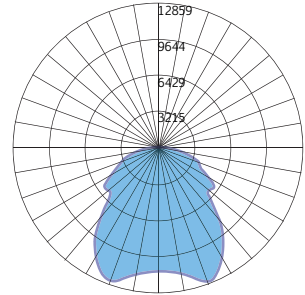
FHB 5X54
Spacing Criteria = 1.8
Efficiency = 99.7%



FHB 6X54
Spacing Criteria = 1.7
Efficiency = 98.2%



FHB 8X54
Spacing Criteria = 1.4
Efficiency = 92.8%



QUICK REFERENCE GUIDE

Shown in Foot Candles

SPACING	FHB 4x54 T5 HO, 216 Watts			FHB 5x54 T5 HO, 296 Watts			FHB 6x54 T5 HO, 330 Watts			FHB 8x54 T5 HO, 432 Watts		
	15'	20'	25'	15'	20'	25'	15'	20'	25'	15'	20'	25'
	Open Area			Open Area			Open Area			Open Area		
50' high	55	29	18	76	40	21	82	46	25	98	62	37
40' high	62	34	21	90	49	28	94	54	32	112	68	43
30' high	68	38	25	103	55	33	108	60	38	130	77	48
20' high	75	43	29	112	62	42	120	68	47	145	85	53

Actual results may vary. Additional layouts available upon request. Quick reference chart based on FHB Enhanced Aluminum Optics without Up-Light or lens. @ 2.5 ft. AFF