

Catalog Number	
Notes	Type

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for use in cold storage, food processing, manufacturing, industrial, schools, gymnasiums and exterior retail environments. Fiberglass enclosure protects fixture while remaining easy to service and clean.

CONSTRUCTION — One-piece 5VA rated fiberglass housing with continuous poured-in-place, closed-cell gasket. Tool-less ballast and wiring access.

OPTICS — Injection-molded, impact-resistant clear acrylic diffuser with frosted ends and linear prisms is standard (.080" thick). UV stabilized polycarbonate diffuser option also is available (.080" thick). Stainless steel latches (12) included. Reflectors are precision-formed, high-performance, segmented optics utilizing premium specular aluminum. Provides 95% reflectivity and warranted for 25 years.

ELECTRICAL — Ballasts: Thermally protected, resetting, Class P, HPF, Sound Rating A+. UL listed wire, rated for required temperatures, used throughout. 90°C rated ballast standard for T5HO. T8 ballast starting temperature is -18°C (0°F) and T5HO starting temperature is -29°C (-20°F).

Lamps: 4100K lamps standard. Secured with rotary locking lampholders for ease of re-lamping and to minimize disconnection due to vibration or incidental contact.

INSTALLATION — Surface conduit entry provisions with watertight plugs are standard. Stainless steel mounting brackets included for suspension with aircraft cable (cable not included). Optional stainless steel V-hooks available for chain hanging (chain not included).

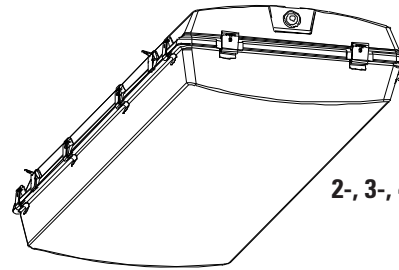
LISTING — UL/C-UL listed to US and Canadian Safety Standard. NOM Certified (see options). (UL 1598 and CSA C22.2 No. 250.0-00) for ambient operation up to 30°C (85°F). Suitable for wet location. IP65, IP66 and IP67 rated and certified to meet NSF Splash Zone 2. NEMA 4X. 1300 PSI hose-down.

WARRANTY — Guaranteed for one year against mechanical defects in manufacturing.

High-Pressure Hose-Down

MJH

Food Processing
2-, 3-, 4- or 6-lamp T5, T5HO or T8



Specifications

Length: 51.9" (131.8)
Width: 14.6" (37.08)
Depth: 5.95" (15.1)
Weight: 26.2 lbs. (11.88 kg)

All dimensions are inches (centimeters).
Specifications subject to change without notice.

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: MJH 454L

MJH

Series	Lamp type ¹	Distribution	Voltage	Ballast	Lamps installed ⁵					
MJH 15"x4'	T5HO lamps	<u>White ballast cover</u> (blank) General distribution <u>Specular reflector</u> ND Narrow distribution SD Spread distribution	(blank) MVOLT: 120V-277V HVOLT 347V-480V³	T5HO/T5 (blank) 1.0 BF, PRS T8 (blank) 1.18 BF, IS GEB10IS .88 BF, IS GEB10ISL .76 BF, IS	(blank) 85 CRI, 841 LP830 85 CRI, 830 LP835 85 CRI, 835 LP850 85 CRI, 850					
	254L 2-lamp, 54W									
	354L 3-lamp, 54W									
	454L 4-lamp, 54W									
	654L 6-lamp, 54W									
	T5 lamps					(blank) Clear acrylic PCL Clear polycarbonate ²	All two-lamp ballasts	CX 6' white cord, 18/3, no plug CXL12 12' white cord, 18/3, no plug EL14DW Emergency lighting (1400 lumens) ⁷ MHKB Stainless steel V-hook and brackets TRS Tamper-resistant screws ⁸ NOM NOM Certified		
	228T5L 2-lamp, 28W								1/3 One, three-lamp ballast ⁴ 1/4 One, four-lamp ballast ⁴ 2/3 Two, three-lamp ballasts ⁴ 1/41/2 One, four-lamp and one, two-lamp ballasts ⁴	
	328T5L 3-lamp, 28W									
	428T5L 4-lamp, 28W									
	628T5L 6-lamp, 28W									
	T8 lamps									Options⁶
	232L 2-lamp, 32W									
	332L 3-lamp, 32W									
	432L 4-Lamp, 32W									
632L 6-Lamp, 32W										

NOTES:

- To order fixtures WITHOUT lamps, remove the "L" from the description (EX: **MJM 454**).
- Recommended for school and gymnasium applications.
- Available with 54T5HO only.
- Not available with 28T5.
- Alternate lamp color need only be specified if pre-installed lamps are provided.
- For additional options consult factory.
- Must specify voltage.
- Stainless steel Torx® T10 screws with center reject pin.

Accessories

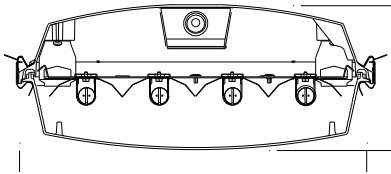
Order as a separate catalog number.

MHKB	Stainless steel V-hook and brackets
RK1T10DRV	Torx® T10 screwdriver for TRS option
IBAC120	Aircraft cable 10', Y hangers (one pair)
IBAC240	Aircraft cable 20', Y hangers (one pair)

MJH Fluorescent High-Pressure Hose-Down, T5, T5HO and T8

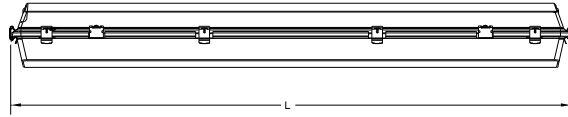
DIMENSIONS

Inches (centimeters). Subject to change without notice.



14.6 (37.08)

5.95 (15.1)



51.9 (131.8)

PHOTOMETRICS

Consult factory for photometric information.

TEST NO: ABA200972_M
LUMINAIRE CATALOG NO.: MJH 654 ND
LUMENS PER LAMP: 4450

TEST NO: ABA200975_M
LUMINAIRE CATALOG NO.: MJH 454 ND
LUMENS PER LAMP: 4450

RCR	pf	pc	Coefficients of Utilization								
			20%			70%			50%		
			50%	30%	10%	50%	30%	10%	50%	30%	10%
0	77	77	77	75	75	75	71	71	71		
1	67	64	61	65	62	60	62	59	57		
2	58	53	49	57	52	49	54	50	47		
3	51	45	41	50	45	41	47	43	40		
4	45	39	35	44	39	35	42	38	34		
5	41	35	30	40	34	30	38	33	29		
6	37	31	26	36	30	26	34	29	26		
7	33	28	23	33	27	23	31	27	23		
8	30	25	21	30	25	21	29	24	21		
9	28	23	19	27	22	19	27	22	19		
10	26	21	17	25	21	17	25	20	17		

RCR	pf	pc	pw	Coefficients of Utilization								
				20%			70%			50%		
				50%	30%	10%	50%	30%	10%	50%	30%	10%
0	93	93	93	90	90	90	86	86	86			
1	80	77	74	78	75	73	75	72	70			
2	71	65	61	69	64	60	66	62	58			
3	62	56	51	61	55	51	58	54	49			
4	56	49	44	55	48	43	52	47	43			
5	50	43	38	49	43	38	47	42	37			
6	45	39	34	45	38	34	43	37	33			
7	41	35	30	41	34	30	39	34	30			
8	38	32	27	37	31	27	36	31	27			
9	35	29	25	35	29	25	34	28	24			
10	33	26	22	32	26	22	31	26	22			

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	4789.4	17.9	27.4
0° - 40°	7621.2	28.5	43.5
0° - 60°	12733.3	47.7	72.7
0° - 90°	16817.2	63.0	96.0
90° - 180°	691.9	2.6	4.0
0° - 180°	17509.1	65.6	100.0

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	4370.5	24.6	31.4
0° - 40°	6760.0	38.0	48.6
0° - 60°	10724.0	60.2	77.1
0° - 90°	13579.4	76.3	97.6
90° - 180°	338.7	1.9	2.4
0° - 180°	13918.1	78.2	100.0

TEST NO: ABA200978_M
LUMINAIRE CATALOG NO.: MJH 632 ND
LUMENS PER LAMP: 2950

TEST NO: ABA200981_M
LUMINAIRE CATALOG NO.: MJH 432 ND
LUMENS PER LAMP: 2950

RCR	pf	pc	pw	Coefficients of Utilization								
				20%			70%			50%		
				50%	30%	10%	50%	30%	10%	50%	30%	10%
0	90	90	90	88	88	88	83	83	83			
1	78	74	71	76	73	70	72	69	67			
2	68	62	57	66	61	57	63	58	55			
3	59	53	48	58	52	47	55	50	46			
4	52	45	40	51	45	40	49	43	39			
5	47	40	34	46	39	34	44	38	33			
6	42	35	30	41	34	30	39	34	29			
7	38	31	26	37	31	26	36	30	26			
8	35	28	24	34	28	23	33	27	23			
9	32	25	21	31	25	21	30	25	21			
10	29	23	19	29	23	19	28	23	19			

RCR	pf	pc	pw	Coefficients of Utilization								
				20%			70%			50%		
				50%	30%	10%	50%	30%	10%	50%	30%	10%
0	104	104	104	101	101	101	96	96	96			
1	90	86	82	88	84	81	83	80	78			
2	78	72	67	76	71	66	73	68	64			
3	69	62	56	67	61	55	64	59	54			
4	61	54	48	60	53	47	57	51	46			
5	55	47	41	54	46	41	52	45	40			
6	50	42	36	49	41	36	47	40	35			
7	45	37	32	44	37	32	43	36	31			
8	41	34	29	41	34	29	39	33	28			
9	38	31	26	37	31	26	36	30	26			
10	35	28	24	35	28	24	33	27	23			

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	3399.9	19.2	25.1
0° - 40°	5527.2	31.2	40.8
0° - 60°	9869.8	55.8	72.9
0° - 90°	13023.2	73.6	96.2
90° - 180°	508.1	2.9	3.8
0° - 180°	13531.3	76.4	100.0

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	2914.9	24.7	28.2
0° - 40°	4642.9	39.3	44.8
0° - 60°	7769.6	65.8	75.1
0° - 90°	10026.8	85.0	96.9
90° - 180°	325.4	2.8	3.1
0° - 180°	10352.3	87.7	100.0