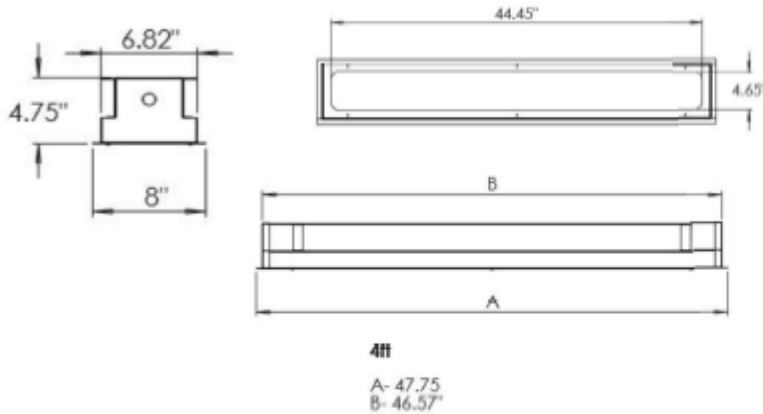


HEALTHCARE GENERAL AMBIENT LED LINEAR RECESSED LUMINAIRE										
PROJECT:					NOTES:					
ORDERING INFORMATION:										
EXAMPLE	- 4F -	T -	100 -	9 -	40 -	H1 -	MV -	EM -	CL6 -	DM
SERIES	NOM. LENGTH	MOUNTING	LUMENS	CRI	KELVINS	LENS	VOLTAGE	OPTIONS	CONTROLS	DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

SERIES	KELVIN
	30 3000K
	35 3500K
	40 4000K
	50 5000K
	TW Tunable White
NOMINAL LENGTH	LENS
(X)F Number of feet (length)*	H1 White Opal Acrylic
<small>*Minimum of 2ft and maximum of 8ft (If not standard 4ft, contact manufacture for shop drawing and lumen outputs)</small>	A0 Acrylic K12
	L1 Frosted Acrylic
	H5M1 Clear Poly and White Opal Overlay
MOUNTING	VOLTAGE
T T-Bar	MV 120-277V
F Flange	347 347V
LUMENS	OPTIONS
50 500 Lumens Per Foot	AM Anti-Microbial Paint
75 750 Lumens Per Foot	EM Emergency Power Pack
100 1000 Lumens Per Foot	CC COI Compliant
150 1500 Lumens Per Foot	RF RFI Filter (available in 120-277V)
<small>*Other lumen packages available</small>	NL Amber LED night light
CRI	CONTROLS
BLANK 80 CRI	BLANK None
9 90 CRI	
	DRIVER
	BLANK Non-dimming applications
	DM Dimming applications

FEATURES

- > Specification-grade patient room linear LED luminaire for healthcare applications
- > Robust design with lens tightly secured by double-frame fastened internally with multiple screws
- > Features modern rectangle lens with rounded edges for visual comfort and efficiency
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Fully gasketed fixture
- > 90 CRI Optional
- > COI Compliant Optional
- > Anti-microbial paint optional
- > Multiple dimming protocols available
- > IP65 for recessed applications*
- > Gasketed stainless steel screws
- > 100% made in Canada

* Faceplate is sealed with multiple gaskets and luminaire is IP65 certified as providing protection against dust and water entering the luminaire through the faceplate in a recessed application. Note that the housing (which is designed to be recessed into ceiling and is not visible once installed) does not provide ingress protection against dust and water entering the luminaire from the plenum.

APPLICATIONS

- > Hospitals
- > Nursing Homes
- > Medical Clinics

HEALTHCARE GENERAL AMBIENT LED LINEAR RECESSED LUMINAIRE

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

Housing – Precision die-formed 20-gauge C.R.S. with continuously welded end plates

Door Frame – Single piece precision die formed frame with fasteners that secure door frame to housing

Lens (standard) – 0.125" white opal acrylic lens. Secured with internal frame that is fastened internally to door frame with multiple screws

Finish – Baked white enamel powder finish applied post production on all surfaces for smooth edges and safe handling. Anti-microbial finish optional.

Electrical – High quality mid-power LED boards. L70>72,000 hours reported / 129,200 hours calculated at maximum allowable output current. L85>50,000 hours

Mounting – Recessed (plaster or T-Bar ceiling). We strongly recommend to add wire hangers on each earthquake clips/brackets (see fixture details)

Listings –

- IP65
- cUL certified as luminaire suitable for dry or damp locations.

Warranty – 5-year limited warranty

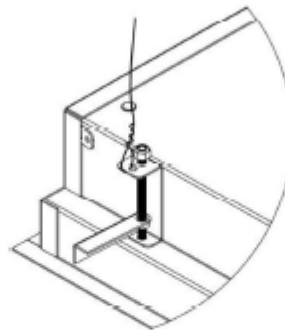
LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4 FT			
500 lm / ft	2,013	18	111
1000 lm / ft	4,020	41	98
1500 lm / ft	6,085	68	90

*Results based on 4000K, 80 CRI, H1 White Opal Lens

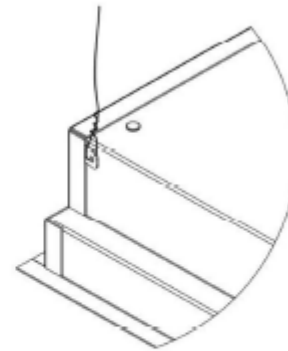
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS

Hanging brackets to secure housing to structure



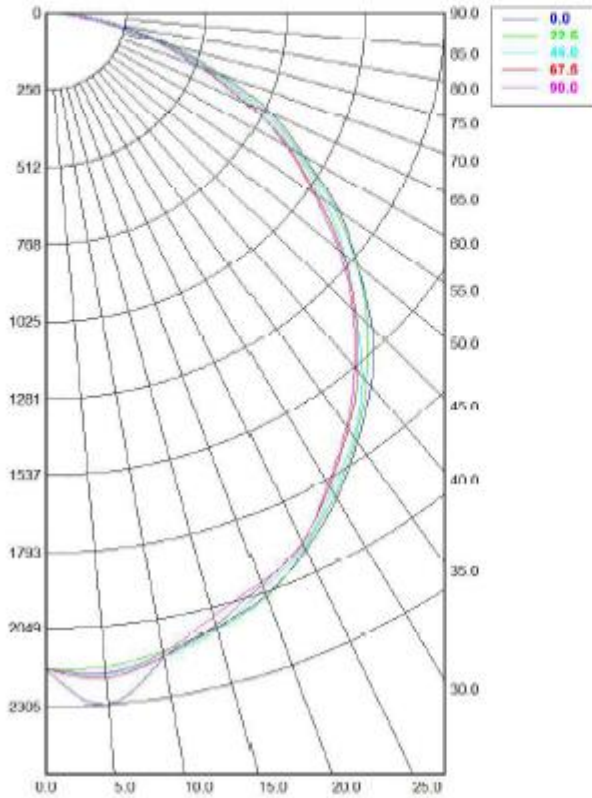
Plaster ceiling / Flange



T-Bar

PHOTOMETRY

-4F-T-150-40-H1-MV Total Luminaire Output: 6,085 lumens; 68 Watts



Candela Distribution

	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	2,179.18	2,179.18	2,179.18	2,179.18	2,179.18
5.00°	2,305.45	2,182.39	2,204.34	2,216.49	2,199.98
10.00°	2,176.81	2,155.15	2,173.08	2,173.11	2,161.18
15.00°	2,116.97	2,123.63	2,125.03	2,109.18	2,078.87
20.00°	2,058.70	2,064.33	2,034.44	2,020.33	2,013.07
25.00°	1,988.67	1,961.88	1,954.71	1,929.07	1,942.75
30.00°	1,894.66	1,851.56	1,834.23	1,817.71	1,808.45
35.00°	1,741.08	1,731.25	1,721.10	1,689.53	1,680.78
40.00°	1,625.55	1,600.09	1,578.55	1,558.10	1,550.52
45.00°	1,479.80	1,436.70	1,406.16	1,403.83	1,380.83
50.00°	1,304.56	1,303.83	1,252.53	1,244.50	1,228.03
55.00°	1,148.19	1,127.13	1,090.66	1,061.45	1,046.07
60.00°	952.99	929.29	917.09	895.20	884.83
65.00°	796.16	763.47	732.30	713.08	707.30
70.00°	594.67	569.64	548.25	529.50	522.12
75.00°	403.45	389.59	370.89	358.64	358.26
80.00°	246.40	226.07	213.13	199.21	202.76
85.00°	104.22	92.15	85.93	77.55	73.78
90.00°	18.80	13.85	8.88	7.13	6.52

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	721.96	3.65%
10.00° - 20.00°	594.17	9.76%
20.00° - 30.00°	895.03	14.71%
30.00° - 40.00°	1,068.29	17.55%
40.00° - 50.00°	1,096.65	18.02%
50.00° - 60.00°	975.08	16.02%
60.00° - 70.00°	727.52	11.95%
70.00° - 80.00°	399.17	6.56%
80.00° - 90.00°	108.12	1.78%
90.00° - 100.00°	2.85	0.05%
100.00° - 110.00°	0.00	0.00%
110.00° - 120.00°	0.00	0.00%
120.00° - 130.00°	0.00	0.00%
130.00° - 140.00°	0.00	0.00%
140.00° - 150.00°	0.00	0.00%
150.00° - 160.00°	0.00	0.00%
160.00° - 170.00°	0.00	0.00%
170.00° - 180.00°	0.00	0.00%
0.00° - 90.00°	6,085.99	100.00%
90.00° - 180.00°	2.85	0.05%
0.00° - 180.00°	6,085.99	100.00%

Spacing Criterion:

Two luminaires, plane 0°	1.26
Two luminaires, plane 90°	1.23
Four luminaires	1.35