



TECTON MPO

TECTON MPO

- Designed for uniform illumination and minimal glare
- Multi-layer Micropyramidal Optic (MPO) reduced glare
- Power supplies and lighting controls are completely integrated into the trunking
- Flexible and tool-free mechanical and electrical installation
- Easy plug&play system with audible clicking and visible locking
- Efficacy up to 155 lm/W

DELIVERED LUMENS	COLOR TEMPERATURE	COLOR RENDERING	WATTS	UGR
5500 lm	3000 K	CRI 80+	38 W	< 19
6500 lm	3500 K		45 W	
8000 lm	4000 K (MacAdam 3 Step)		56 W	< 22



Suitable for dry locations

Order Code

TECTONMPO

2

3

L1500

5

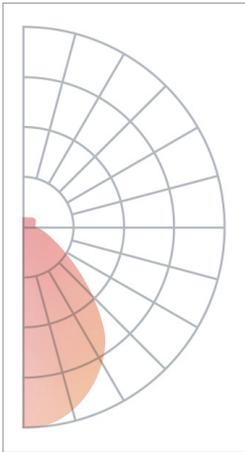
WH

1	FIXTURE	TECTONMPO
2	LUMENS	5500 5500 lm 6500 6500 lm 8000 8000 lm
3	LED MODULE	830 80CRI, 3000CCT 835 80CRI, 3500CCT 840 80CRI, 4000CCT
4	LENGTH	L1500 59"
5	DRIVER	DU 0-10V 120/277, 1% DD DALI 120/277, 1%
6	FINISH	WH White

Trunking Order Code

Trunking elements must be ordered separately. Consult trunking specification sheets for order codes.

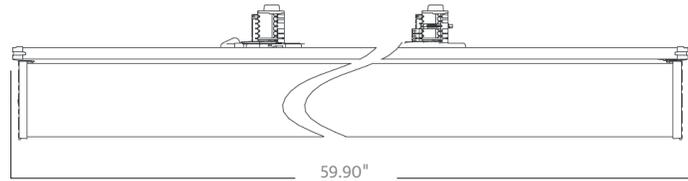
Light Distribution



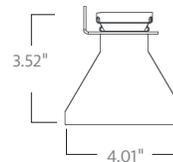
Direct / Indirect
(85% downlight)
(15% uplight)

Dimensions

Side View



Top View



Optical Performance

		LUMEN OUTPUT						EFFICACY LM/W				CCT and CRI		
		830		835		840								
Lumens	Lumens	Watts	Lumens	Watts	Lumens	Watts	Lumens	830	835	840	CRI	CCT	Multiplier	
5500	5500	38	5500	38	5510	37	5500	146	148	150	80	5500	1.00	
6500	6520	45	6500	44	6500	43	6500	147	151	154		6500	1.00	
8000	8000	56	8010	56	7990	54	8000	143	144	149		8000	1.00	

Multipliers

Technical Detail

1) Trunking & Adapter: TECTON MPO is compatible with the TECTON Linear System. The fixture is supplied with a TECTON adapter.

2) Wattage & CCT: Unit is available from 36.2 W to 59.3 W, in 3000 K, 3500 K and 4000 K with CRI 80+.

3) Driver: The unit is available with 120/277 V 0-10 V dimming driver (1%) and DALI dimming driver (1%).

4) Construction: The housing is made of sheet steel, powder coated in polyester lacquer finish and painted white, and

includes co-extruded hollow-chamber with bonded end caps. The reflector is a multi-layer micropyramidal optic (MPO) that minimizes glare.

5) Life: LED service life lasts 100,000 hours before luminous flux is reduced to 95% of the initial value.

6) Weight: 5.7 lbs. With Standby Battery Pack 10 lbs.

7) Maximum Units per Run: The maximum number of units per feed is shown in the table at right.

Maximum Units per Feed

Output	Driver	Units / 120 V	Units / 277 V
5500lm	DU	31	72
	DD	32	75
6500lm	DU, DD	26	61
8000lm	DU, DD	21	49