

TECTON LED LINEAR 79"

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Luminaire for TECTON

- Designed for uniform illumination and minimal glare
- Split lens technology directs the light from the center to the lateral areas
- 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
- Multiple beam patterns can be implemented: Wide Beam, Narrow Beam, Shelf Beam, Wall Washer and Wide Beam with UGR < 19 accessory
- Long continuous rows with one electrical feed – up to 191' max. run (120 V), 442' max. run (277 V)

DELIVERED LUMENS	COLOR TEMPERATURE	COLOR RENDERING	WATTS	UGR
7400 lm	3000 K	CRI 80+	52 W	< 19
10000 lm	3500 K		70 W	(w/ wide beam accessory)
	4000 K (MacAdam 3 Step)			< 22



Suitable for dry locations

Order Code

TECTONC	2	3	L2000	5	6	7	8
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1	FIXTURE	TECTONC
2	LUMENS	7400 7400 lm 10000 10000 lm
3	LED MODULE	830 80 CRI, 3000 K 835 80 CRI, 3500 K 840 80 CRI, 4000 K
4	LENGTH	L2000 79"
5	OPTIC	NB Narrow Beam SB Shelf Beam WB Wide Beam
6	DRIVER	DU 0-10V 120/277,5% DD DALI 120/277, 5%
7	FINISH	WH White BK Black ¹
8	OPTIONS	EM Standby Battery Pack

OPTIONAL COMPONENTS (ORDER SEPARATELY)

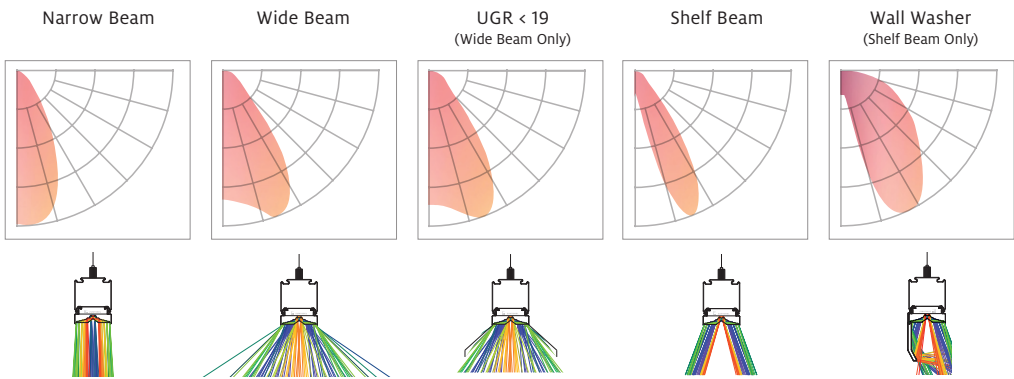
TECTONEMJIG	EM Drill jig (can be used for multiple EM units)
22169320	UGR < 19 reflector pair (for use with Wide Beam Optic only)
22169326	Wall Washer reflector, White (for use with Shelf Beam Optic only)
22170788	Wall Washer reflector, Black (for use with Shelf Beam Optic only)
22169824	Wall Washer reflector with EM (for use with Shelf Beam Optic only)
22169834	UGR < 19 reflector pair with EM (for use with Wide Beam Optic only)

¹ Not currently available with EM standby battery pack.

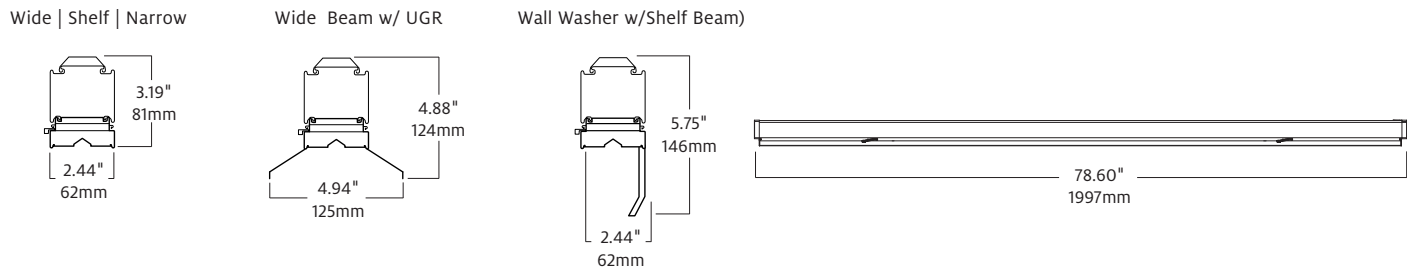
Trunking Order Code

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

Light Distribution



Dimensions



Optical Performance (DLC listed models)

— 830 —						— 835 —				— 840 —			
	Beam	lm	W	lm/W	Listing*	lm	W	lm/W	Listing*	lm	W	lm/W	Listing*
7400 lm	Narrow	7480	45.7	164	P	7580	45.7	166	P	7600	44.4	171	P
	Wide	7320	45.7	160	P	7410	45.7	162	P	7430	44.4	167	P
	Wide w/ UGR19	7150	45.7	156	P	7250	45.7	159	P	7270	44.4	163	P
10000 lm	Narrow	10100	62.7	160	P	10200	62.7	163	P	10200	61.3	167	P
	Wide	9840	62.7	157	P	9970	62.7	159	P	9990	61.3	163	P
	Wide w/ UGR19	9620	62.7	153	P	9750	62.7	155	P	9770	61.3	159	P

— 840 —					
	Beam	lm	W	lm/W	listing*
7400 lm	Shelf	7640	44.4	172	S
	Wall Washer w/ Shelf	7180	44.4	162	S
10000 lm	Shelf	10300	61.3	168	S
	Wall Washer w/ Shelf	9660	61.3	158	S

Multipliers		
CRI	CCT	Multiplier
80	3000 K	0.95
	4000 K	1.00

*P-DLC Premium, S-DLC Standard

Technical Detail

- 1) Trunking & Adapter:** TECTON LED Linear is compatible with the TECTON Trunking System. The fixture is supplied with a TECTON adapter.
- 2) Wattage & CCT:** Unit is available from 52 W to 70 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 (5%) and DALI dimming driver (5%).

- 4) Construction:** The housing is made of sheet steel, powder coated in polyester lacquer finish and painted white or black, and includes overlapping polymethylmethacrylate (PMMA) lenses. The light emitting panel is extended to the entire width allowing for an uniform look. Multiple luminaires create a consistent continuous-row system, without any visual interruption.
- 5) Life:** LED service life lasts 100,000 hr before luminous flux is reduced to 95% of the initial value.

- 6) Weight:** 6.2 lbs. With integral standby battery pack 10.5 lbs.
- 7) Maximum Length per Feed:** (Based on the Narrow Beam Optic)

Lumen Output	Voltage	Feet
7400	120 V 277 V	191 442
10000	120 V 277 V	128 295