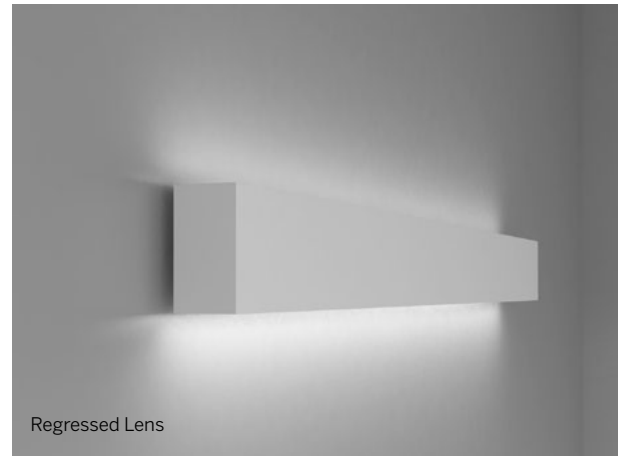# ProTools 60 Linear Direct/Indirect
Wall / Mullion Mount

- 2.4" aperture, wall mount bi-directional luminaire
- Specialized mounting bracket to mount directly to 2.5" window mullion
- Standard and tailored run lengths, including corners
- Separately controllable up and down lighting with distribution options
- Choice of beam spreads to accommodate all applications
- Extreme brightness control and the elimination of disturbing glare
- Modularity of insert modules for ultimate design flexibility
- Consistent LED technology throughout the Whitegoods product range
- Flicker-free full range dimming with standard driver (Eldoled)
- Manufactured in the USA

Regressed Lens

Recessed Louver

Recessed Lens

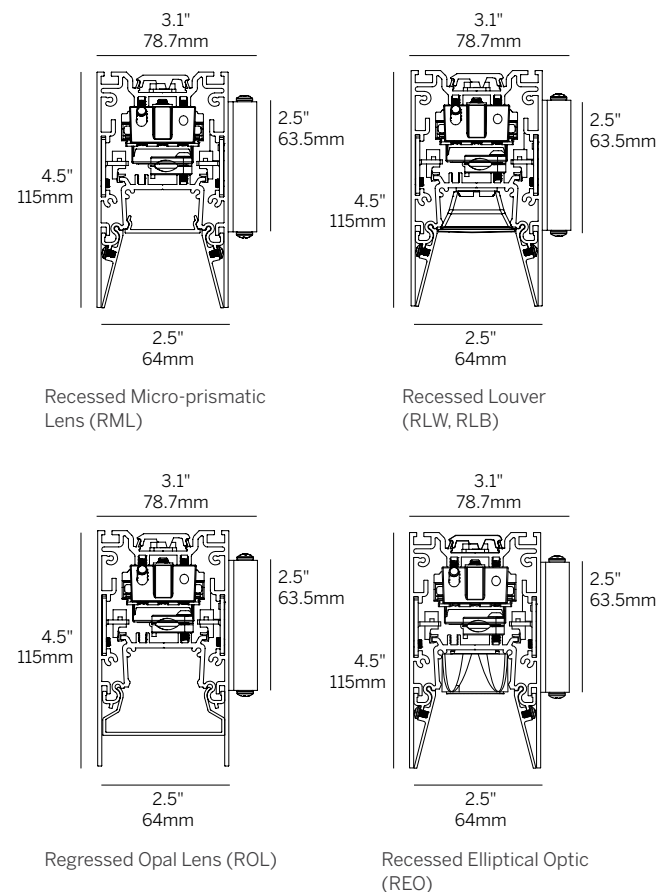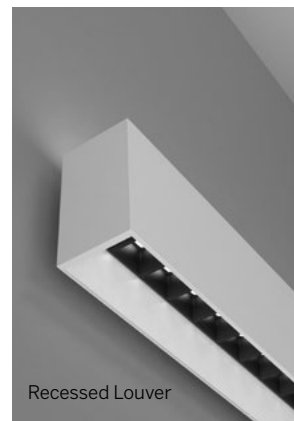|		
Housing	Precision extruded aluminum for true dimensions and tolerances	
	Toolless component assembly from below	
	Mounts to horizontal 2" x 4" box or direct to the mounting surface	
	Sure-lock mechanical connection system eliminates light leak	
	Standard and tailored lengths including corner configurations	
	Recessed snap-in cover for non-illuminated section	
	Finishes: white, black, silver and custom	
Integration	Wall and mullion mounting brackets	
	End wall mechanical and power connection option	
Distribution	35, 50, 80, 105, 20x40 degree symmetrical downlight	
	Asymmetric uplight standard	
LED	>90 CRI, 3-Step MacAdam, 2700-4000K static white	
	3W - 15W per foot, 180 nominal lumens per watt average	
	RA 91-94 (2700-4000K)	
	L70 (TM21 Projected 85C) Static White / Tunable White = 72,000 hours	
	Tuneable white 2200-4000K, 80 nominal lumens per watt average	
Optic	RML - recessed micro-prismatic lens | diffusion with maximum efficiency	
	ROL - regressed opal acrylic lens | evenly illuminated line of light	
	RLW/RLB - recessed louver white (W) or black (B) | extreme cutoff	
	REO - Recessed elliptical optic - high efficiency graze	
	A/W - Snap-on acrylic uplight optic - assymetric distribution	
Reflector	White: high efficiency (standard with RLW)	
	Black: no brightness (standard with RLB)	
	Silver: low brightness	
	All 15% gloss	
	Custom finish available	
Driver	Compatible with quality constant current drivers	
Connectivity	POE	
	Wireless	
Weight	4lbs per foot	
Operating Temp	Suitable for operation in maximum ambient temperature of 35C (95F)	
Warranty	5-year Limited (see complete company warranty information)	
Certifications	ETL and ETL-C for dry and damp location, CE	
Voltages	120-277VAC	

*nominal lumens

3.1"
78.7mm
4.5"
115mm
2.5"
63.5mm
2.5"
64mm
Recessed Micro-prismatic Lens (RML)

3.1"
78.7mm
4.5"
115mm
2.5"
63.5mm
2.5"
64mm
Recessed Louver (RLW, RLB)

3.1"
78.7mm
4.5"
115mm
2.5"
63.5mm
2.5"
64mm
Regressed Opal Lens (ROL)

3.1"
78.7mm
4.5"
115mm
2.5"
63.5mm
2.5"
64mm
Recessed Elliptical Optic (REO)

ProTools 60 Linear Direct/Indirect
Wall / Mullion Mount

Model[1]	Fixation	Pattern	Length[3]	CRI/CCT	Direct			Indirect		Driver[7]	Housing Finish[8]	Reflector Finish[8]	Options
					Optic[4]	Beam	Power[6]	Optic	Power[6]				
WG-60PTLDI	SW SWM	S PI[2] PO[2]	24 48 96 XX[4]	927 930 935 940 TW[5]	RML ROL RLW RLB REO	80 105 35 50 20x40	P1 P2 P3 P4	W A	P1 P2	E1 L1 POE BT DALI TQ	W (std) B S F	W B S F	DC EM EW

Model[1]
- WG-60PTLDI = ProTools 60 Linear Direct/Indirect

Fixation
- SW = Surface Wall Mount
- SWM = Surface Wall Mullion Mount

Pattern
- S = Straight run
- PI = Standard patterns 2, 3 or 4 sided with 90° inside corners on the same plane[2]
- PO = Standard patterns 2, 3 or 4 sided with 90° outside corners on the same plane[2]

Length[3]
- 24 = 24"
- 48 = 48"
- 96 = 96"
- XX = Specify inches to the nearest 0.25"[4]

CRI/CCT (90+ CRI)
- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- TW = Tuneable white 2200-4000K[5]

Optic Direct[4]
- RML = Recessed micro-prismatic lens
- ROL = Regressed opal lens
- RLW = Recessed louver white (supplied with white reflectors standard)
- RLB = Recessed louver black (supplied with black reflectors only)[4]
- REO = Recessed elliptical optic

Optic Indirect
- A = Asymmetric (standard)
- W = Wide (batwing)

Beam
- 80 = 80° (RML)
- 105 =105° (ROL)
- 35 = 35° (RLW, RLB)
- 50 = 50° (RLW, RLB)
- 20x40 = 20x40° (REO)

Power Direct[6]
- P1 = 3W/ft
- P2 = 6W/ft
- P3 = 10W/ft
- P4 = 15W/ft

Power Indirect Lens (W/A)[6]
- P1 = 3W/ft
- P2 = 6W/ft

Driver[7]
- E1 = EldoLED 0.1% dimming, 0-10V (120-277V)
- L1 = Lutron 1% dimming, Ecosystem (120-277V)
- PoE = Power over Ethernet
- BT = Wireless CAS – Casambi (Must specify BT with E1 or DALI)
- DALI = EldoLED Dali DT8 0.1% (120-277V)
- TQ = T-Series for Lutron Quantum 0.1% (120-277V) (Tunable white ONLY)
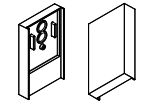
Housing Finish[8]
- W = White, 15% gloss, RAL 9003 / Tiger Drylac 049/11350 (standard)
- B = Black, 15% gloss, RAL 9005 / Tiger Drylac 044/90053
- S = Silver, 15% gloss, RAL 9006 / Tiger Drylac 049/90500
- F = Custom finished trim, specify RAL

Reflector Finish[8]
- W = White, 15% gloss, RAL 9003 / Tiger Drylac 049/11350 (standard with RLW)
- B = Black, 15% gloss, RAL 9005 / Tiger Drylac 044/90053 (standard with RLB)
- S = Silver, 15% gloss, RAL 9006 / Tiger Drylac 049/90500
- F = Custom finished trim, specify RAL

Options
- DC = Dual circuit
- EM = Emergency (remote)
- EW = End wall bracket

End Caps (2 included per run)

Whitegoods reserves the right to change any information without prior notice.

Notes
1   To specify Indirect only, leave direct (optic, beam, power) codes blank.
2   See pattern spec sheet.
3   Individual fixture lengths less than 2' may require remote driver.
4   Specify Lensed products to nearest 0.25". Specify Louvered and Tuneable White products in 6" increments for continuous light. Louver supplied in 6" increments, balance of the run will have recessed blank covers on ends.
5   TW only available with RML/ROL for P2 and P3.
6   Refer to specsheet for delivered lumen data for all product configurations.
7   See power supply page for details.
8   See Tiger Drylac color chart: inter-lux.com/tiger

technical information