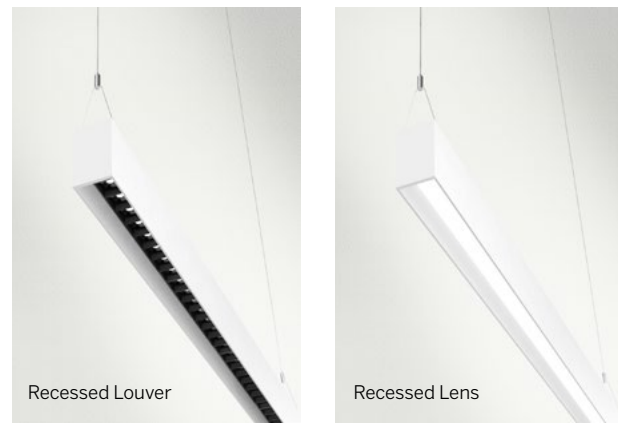# ProTools 60 Linear Direct/Indirect
Suspended

- 2.4" aperture, suspended bi-directional luminaire
- Standard and tailored run lengths, including corner configurations
- 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

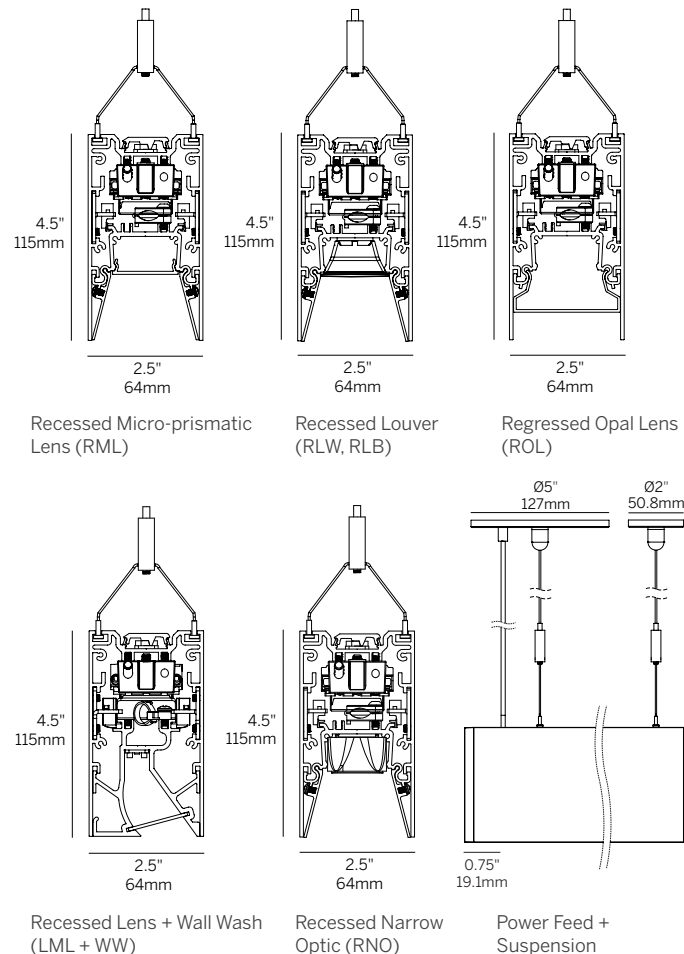|	
Housing	Precision extruded aluminum for true dimensions and tolerances
	Toolless component assembly
	Field adjustable suspension height and position
	Sure-lock mechanical connection system eliminates light leak
	Standard and tailored lengths and corner configurations
	Recessed snap-in cover for non-illuminated section
	Finishes: white, black, silver and custom
	Clear suspension cables with white ceiling escutcheons standard
Integration	Ceiling canopy mounts to any ceiling surface
Distribution	30, 35, 50, 80, 105 degree symmetrical downlight
	Batwing and asymmetric uplight options
	Wall Wash
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
	RNO - recessed narrow optic	narrow beam with maximum punch
	LML - Linear micro-prismatic lens - diffusion and efficiency for wall wash
	A/W - Snap-on acrylic uplight optic - batwing or asymmetric distribution
Reflector	White: high efficiency (standard with RLW)
	Black: no brightness (standard with RLB, not offered with LML)
	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

4.5" 115mm / 2.5" 64mm
Recessed Micro-prismatic Lens (RML)

4.5" 115mm / 2.5" 64mm
Recessed Louver (RLW, RLB)

4.5" 115mm / 2.5" 64mm
Regressed Opal Lens (ROL)

4.5" 115mm / 2.5" 64mm
Recessed Lens + Wall Wash (LML + WW)

4.5" 115mm / 2.5" 64mm
Recessed Narrow Optic (RNO)

Ø5" 127mm / Ø2" 50.8mm / 0.75" 19.1mm
Power Feed + Suspension

Model[1]	Fixation	Pattern	Length[3]	CRI/CCT	Direct			Indirect		Driver[7]	Housing Finish[8]	Reflector Finish[8]	Options
					Optic[4]	Beam	Power[5]	Optic	Power[5]				
WG-60PTLDI	S48 S96 SXX	S P[2] Pl[2] PO[2] PZ[2]	24 48 96 XX[4]	927 930 935 940 TW[5]	RML ROL RLW RLB RNO LML	80 105 35 50 30 WW	P1 P2 P3 P4	A W	P1 P2	E1 L1 POE BT DALI TQ	W (std) B S F	W B S F	DC EM PJG SC

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

Fixation
Power suspension w/5" canopy standard. Non-feed suspensions provided with 2" canopy
- S48 = 48" suspension cable
- S96 = 96" suspension cable
- SXX = Specify suspension cable length to nearest 0.25

Pattern
- S = Straight run
- P = Standard patterns 2, 3 or 4 sided with 90° corners on the same plane[1]
- Pl = Standard patterns 2, 3 or 4 sided with 90º inside corners on the same plane[1]
- PO = Standard patterns 2, 3 or 4 sided with 90º outside corners on the same plane[1]
- PZ = Non-standard patterns and/or corners other than 90° on multiple planes, consult factory[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)
- RNO = Recessed narrow optic
- LML = Linear micro-prismatic lens

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

Beam
- 80 = 80° (RML)
- 105 = 105° (ROL)
- 35 = 35° (RLW, RLB)
- 50 = 50° (RLW, RLB)
- 30 = 30° (RNO)
- WW = Wall Wash (LML)

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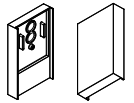
Housing Finish[8]
- W = White, 15% gloss, RAL 9003 / Tiger Drylac 049/11350 (standard)
- B = Black, 15% gloss, RAL 9005 / Tiger Drylac 044/90053
- S = Silver, 15% gloss, RAL 9006 / Tiger Drylac 049/90500
- F = Custom finished trim, specify RAL

Reflector Finish[8]
- W = White, 15% gloss, RAL 9003 / Tiger Drylac 49/11350 (standard with RLW)
- B = Black, 15% gloss, RAL 9005 / Tiger Drylac 44/90053 (standard with RLB, not offered with LML)
- S = Silver, 15% gloss, RAL 9006 / Tiger Drylac 049/90500
- F = Custom finished trim, specify RAL

Options
- DC = Dual circuit
- EM = Emergency (remote)
- PJG = Power suspension w/5" canopy on grid
- SC = Sloped ceiling suspension

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/LML 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