



# LINEARHO SYSTEM COMBINATION

## TMU125050CL8xxA

### LinearHO System Combination: One module

Driver Description					Module Information		Total System Information			Schematic
LED Driver Part Number	Output Current (mA)	Max Output Power (W)	Efficiency (%)	Dimming Type	Part Number	# of Modules	Total Nom. Module Lumen Output (lm)	System Wattage (W)	Total System Efficacy (lm/W)	Wiring Diagram
L1A1MID100S-30E (L05025)	350	30	88%	DALI	TMU125050CL8xxA	1	2255	13.11	172	1
L1A1MID100S-40E (L05040)	350	40	89%	DALI	TMU125050CL8xxA	1	2255	12.97	174	1
L1M1MID120S-24E (L050113)	350	24	85%	1-10V	TMU125050CL8xxA	1	2255	13.58	166	1
L1M1MLT105S-40E (L05049-601000)	350	40	90%	1-10V	TMU125050CL8xxA	1	2255	12.82	176	1
L1MLT0350-17E (L05013-48350)	350	17	86%	N/A	TMU125050CL8xxA	1	2255	13.42	168	1
L1MLT105S-40E (L05049-601000-ND)	350	40	90%	N/A	TMU125050CL8xxA	1	2255	12.82	176	1
L1P1MID120S-24E (L050114)	350	24	85%	Pulse	TMU125050CL8xxA	1	2255	13.58	166	1
L1V1230105S-25E (L05023-A)	350	25	83%	TRIAC	TMU125050CL8xxA	1	2255	13.90	162	1
L1W1MID120D-20E (L050112)	350	20	85%	1-10V	TMU125050CL8xxA	1	2255	13.58	166	1
L1W1MID140S-30E (L05031)	350	30	88%	1-10V	TMU125050CL8xxA	1	2255	13.11	172	1
L1W1MLT500S-20E (L05016Ci)	350	20	85%	1-10V	TMU125050CL8xxA	1	2255	13.58	166	1
L1W2MLT600S-20E (L05016Cid)	350	20	85%	1-10V	TMU125050CL8xxA	1	2255	13.58	166	1
T1M1UNV0350-15L	350	15	84%	0-10V	TMU125050CL8xxA	1	2255	13.74	164	1
TC11200350-15C	350	15	87%	N/A	TMU125050CL8xxA	1	2255	13.26	170	1
L1A1MID100S-30E (L05025)	450	30	88%	DALI	TMU125050CL8xxA	1	2877	17.03	169	1
L1A1MID100S-40E (L05040)	450	40	89%	DALI	TMU125050CL8xxA	1	2877	16.84	171	1
L1M1230200S-60E (L05055)	450	60	90%	1-10V	TMU125050CL8xxA	1	2877	16.65	173	1
L1M1MID120S-24E (L050113)	450	24	85%	1-10V	TMU125050CL8xxA	1	2877	17.63	163	1
L1M1MLT105S-40E (L05049-601000)	450	40	90%	1-10V	TMU125050CL8xxA	1	2877	16.65	173	1
L1MLT105S-40E (L05049-601000-ND)	450	40	90%	N/A	TMU125050CL8xxA	1	2877	16.65	173	1
L1P1MID120S-24E (L050114)	450	24	85%	Pulse	TMU125050CL8xxA	1	2877	17.63	163	1
L1V1230105S-25E (L05023-A)	450	25	83%	TRIAC	TMU125050CL8xxA	1	2877	18.06	159	1
L1W1MID120D-20E (L050112)	450	20	85%	1-10V	TMU125050CL8xxA	1	2877	17.63	163	1
L1W1MID120D-20E (L050112)	450	20	85%	1-10V	TMU125050CL8xxA	1	2877	17.63	163	1
L1W1MID140S-30E (L05031)	450	30	88%	1-10V	TMU125050CL8xxA	1	2877	17.03	169	1
L1W1MLT500S-20E (L05016Ci)	450	20	85%	1-10V	TMU125050CL8xxA	1	2877	17.63	163	1
L1W2MLT600S-20E (L05016Cid)	450	20	85%	1-10V	TMU125050CL8xxA	1	2877	17.63	163	1
T1M1UNV105P-40E	450	40	85%	1-10V	TMU125050CL8xxA	1	2877	17.63	163	1
T1T11200700-30C	700	30	82%	TRIAC/ELV	TMU125050CL8xxA	1	4345	29.06	150	1
T1T11200700-30L	700	30	82%	TRIAC/ELV	TMU125050CL8xxA	1	4345	29.06	150	1
T1M1UNV0700-30F	700	30	85%	0-10V	TMU125050CL8xxA	1	4345	28.04	155	1
T1M1UNV0700-30L	700	30	85%	0-10V	TMU125050CL8xxA	1	4345	28.04	155	1
T1UNV0700-40C	700	40	84%	N/A	TMU125050CL8xxA	1	4345	28.37	153	1
T1M1UNV0700-40C	700	40	85%	0-10V	TMU125050CL8xxA	1	4345	28.04	155	1
T1M1UNV0700-40V	700	40	85%	0-10V	TMU125050CL8xxA	1	4345	28.04	155	1
FHSAC1-UNV-40BLS	700	40	85%	0-10V	TMU125050CL8xxA	1	4345	28.04	155	1
FHSAC1-UNV-40C	700	40	85%	0-10V	TMU125050CL8xxA	1	4345	28.04	155	1
L12300700-33E (L05033-48700)	700	33	90%	N/A	TMU125050CL8xxA	1	4345	26.48	164	1

**NOTES:**

- 1) Lumen Output at 4000K 80CRI, see spec sheet for multiplier on other CCTs.
- 2) Driver efficiency at 277V for Universal voltage models.
- 3) Wiring diagrams: <https://cdn.fulham.com/PDFs/SpecSheets/DC-Modules-Wiring-Diagrams.pdf>



# LINEARHO SYSTEM COMBINATION

## TMU125050CL8xxA

### LinearHO System Combination: One module

Driver Description					Module Information		Total System Information			Schematic
LED Driver Part Number	Output Current (mA)	Max Output Power (W)	Efficiency (%)	Dimming Type	Part Number	# of Modules	Total Nom. Module Lumen Output (lm)	System Wattage (W)	Total System Efficacy (lm/W)	Wiring Diagram
L1A1MID100S-30E (L05025)	700	30	88%	DALI	TMU125050CL8xxA	1	4345	27.08	160	1
L1A1MID100S-40E (L05040)	700	40	89%	DALI	TMU125050CL8xxA	1	4345	26.78	162	1
L1M1230140S-60E (L05059)	700	60	90%	1-10V	TMU125050CL8xxA	1	4345	26.48	164	1
L1M1230200S-60E (L05055)	700	60	90%	1-10V	TMU125050CL8xxA	1	4345	26.48	164	1
L1M1MLT105S-40E (L05049-601000)	700	40	90%	1-10V	TMU125050CL8xxA	1	4345	26.48	164	1
L1M1MLT280S-100E (L05060)	700	100	92%	1-10V	TMU125050CL8xxA	1	4345	25.90	168	1
L1M1MLT400S-150E (L05065)	700	150	90%	1-10V	TMU125050CL8xxA	1	4345	26.48	164	1
L1MID105-33E (L05032R)	700	33	90%	N/A	TMU125050CL8xxA	1	4345	26.48	164	1
L1MLT105S-40E (L05049-601000-ND)	700	40	90%	N/A	TMU125050CL8xxA	1	4345	26.48	164	1
L1V1230105S-25E (L05023-A)	700	25	83%	TRIAC	TMU125050CL8xxA	1	4345	28.71	151	1
L1W1MID140S-30E (L05031)	700	30	88%	1-10V	TMU125050CL8xxA	1	4345	27.08	160	1
L1A1MID100S-30E (L05025)	800	30	88%	DALI	TMU125050CL8xxA	1	4899	31.20	157	1
L1A1MID100S-40E (L05040)	800	40	89%	DALI	TMU125050CL8xxA	1	4899	30.85	159	1
L1M1230140S-60E (L05059)	800	60	90%	1-10V	TMU125050CL8xxA	1	4899	30.51	161	1
L1M1230200S-60E (L05055)	800	60	90%	1-10V	TMU125050CL8xxA	1	4899	30.51	161	1
L1M1MLT105S-40E (L05049-601000)	800	40	90%	1-10V	TMU125050CL8xxA	1	4899	30.51	161	1
L1M1MLT280S-100E (L05060)	800	100	92%	1-10V	TMU125050CL8xxA	1	4899	29.85	164	1
L1M1MLT400S-150E (L05065)	800	150	90%	1-10V	TMU125050CL8xxA	1	4899	30.51	161	1
L1MID105-33E (L05032R)	800	33	90%	N/A	TMU125050CL8xxA	1	4899	30.51	161	1
L1MLT105S-40E (L05049-601000-ND)	800	40	90%	N/A	TMU125050CL8xxA	1	4899	30.51	161	1
L1W1MID140S-30E (L05031)	800	30	88%	1-10V	TMU125050CL8xxA	1	4899	31.20	157	1
T1M1UNV105P-40E	800	40	85%	1-10V	TMU125050CL8xxA	1	4899	32.31	152	1
T1M1UNV0900-40L	900	40	85%	0-10V	TMU125050CL8xxA	1	5433	36.63	148	1
L1A1MID100S-40E (L05040)	900	40	89%	DALI	TMU125050CL8xxA	1	5433	34.99	155	1
L1M1230140S-60E (L05059)	900	60	90%	1-10V	TMU125050CL8xxA	1	5433	34.60	157	1
L1M1230200S-60E (L05055)	900	60	90%	1-10V	TMU125050CL8xxA	1	5433	34.60	157	1
L1M1MLT105S-40E (L05049-601000)	900	40	90%	1-10V	TMU125050CL8xxA	1	5433	34.60	157	1
L1M1MLT280S-100E (L05060)	900	100	92%	1-10V	TMU125050CL8xxA	1	5433	33.85	161	1
L1M1MLT400S-150E (L05065)	900	150	90%	1-10V	TMU125050CL8xxA	1	5433	34.60	157	1
L1MLT105S-40E (L05049-601000-ND)	900	40	90%	N/A	TMU125050CL8xxA	1	5433	34.60	157	1
T1M1UNV1000-40L	1000	40	85%	0-10V	TMU125050CL8xxA	1	5948	41.02	145	1
T1A1UNV105P-40E	1050	40	85%	DALI	TMU125050CL8xxA	1	6198	43.24	143	1
T1M1UNV105P-40E	1050	40	85%	1-10V	TMU125050CL8xxA	1	6198	43.24	143	1
T1A1UNV105P-60E	1050	60	88%	DALI	TMU125050CL8xxA	1	6198	41.76	148	1
T1A1UNV105P-60F	1050	60	88%	DALI	TMU125050CL8xxA	1	6198	41.76	148	1
T1A1UNV105P-60G	1050	60	88%	DALI	TMU125050CL8xxA	1	6198	41.76	148	1
T1M1UNV105P-60E	1050	60	88%	0-10V	TMU125050CL8xxA	1	6198	41.76	148	1
T1M1UNV105P-60F	1050	60	88%	0-10V	TMU125050CL8xxA	1	6198	41.76	148	1

**NOTES:**

- 1) Lumen Output at 4000K 80CRI, see spec sheet for multiplier on other CCTs.
- 2) Driver efficiency at 277V for Universal voltage models.
- 3) Wiring diagrams: <https://cdn.fulham.com/PDFs/SpecSheets/DC-Modules-Wiring-Diagrams.pdf>



# LINEARHO SYSTEM COMBINATION

## TMU125050CL8xxA

### LinearHO System Combination: One module

Driver Description					Module Information		Total System Information			Schematic
LED Driver Part Number	Output Current (mA)	Max Output Power (W)	Efficiency (%)	Dimming Type	Part Number	# of Modules	Total Nom. Module Lumen Output (lm)	System Wattage (W)	Total System Efficacy (lm/W)	Wiring Diagram
T1M1UNV105P-60G	1050	60	88%	0-10V	TMU125050CL8xxA	1	6198	41.76	148	1
L1M1230140S-60E (L05059)	1050	60	90%	1-10V	TMU125050CL8xxA	1	6198	40.84	152	1
L1M1230200S-60E (L05055)	1050	60	90%	1-10V	TMU125050CL8xxA	1	6198	40.84	152	1
L1M1MLT105S-40E (L05049-601000)	1050	40	90%	1-10V	TMU125050CL8xxA	1	6198	40.84	152	1
L1M1MLT280S-100E (L05060)	1050	100	92%	1-10V	TMU125050CL8xxA	1	6198	39.95	155	1
L1M1MLT400S-150E (L05065)	1050	150	90%	1-10V	TMU125050CL8xxA	1	6198	40.84	152	1
L1MLT105S-40E (L05049-601000-ND)	1050	40	90%	N/A	TMU125050CL8xxA	1	6198	40.84	152	1
T1A1UNV105P-40E	1050	40	85%	DALI	TMU125050CL8xxA	1	6198	43.24	143	1
T1A1UNV150P-40LES	1050	40	87%	DALI	TMU125050CL8xxA	1	6198	42.24	147	1
T1M1UNV105P-40E	1050	40	85%	1-10V	TMU125050CL8xxA	1	6198	43.24	143	1
T1M1UNV150P-40LES	1050	40	87%	1-10V	TMU125050CL8xxA	1	6198	42.24	147	1
L1M1230140S-60E (L05059)	1250	60	90%	1-10V	TMU125050CL8xxA	1	7149	49.35	145	1
L1M1230200S-60E (L05055)	1250	60	90%	1-10V	TMU125050CL8xxA	1	7149	49.35	145	1
L1M1MLT280S-100E (L05060)	1250	100	92%	1-10V	TMU125050CL8xxA	1	7149	48.28	148	1
L1M1MLT400S-150E (L05065)	1250	150	90%	1-10V	TMU125050CL8xxA	1	7149	49.35	145	1
T1A1UNV210P-60LES	1250	60	86%	DALI	TMU125050CL8xxA	1	7149	51.65	138	1
T1M1UNV210P-60LES	1250	60	86%	1-10V	TMU125050CL8xxA	1	7149	51.65	138	1

#### NOTES:

- 1) Lumen Output at 4000K 80CRI, see spec sheet for multiplier on other CCTs.
- 2) Driver efficiency at 277V for Universal voltage models.
- 3) Wiring diagrams: <https://cdn.fulham.com/PDFs/SpecSheets/DC-Modules-Wiring-Diagrams.pdf>



# LINEARHO SYSTEM COMBINATION

## TMU125050CL8xxA

### LinearHO System Combination: Two modules

Driver Description					Module Information		Total System Information			Schematic
LED Driver Part Number	Output Current (mA)	Max Output Power (W)	Efficiency (%)	Dimming Type	Part Number	# of Modules	Total Nom. Module Lumen Output (lm)	System Wattage (W)	Total System Efficacy (lm/W)	Wiring Diagram
T1M1UNV0350-15L	350	15	84%	0-10V	TMU125050CL8xxA	2	2243	13.40	167	1
T1T11200700-30C	700	30	82%	TRIAC/ELV	TMU125050CL8xxA	2	4511	28.14	160	2,3,4
T1T11200700-30L	700	30	82%	TRIAC/ELV	TMU125050CL8xxA	2	4511	28.14	160	2,3,4
T1M1UNV0700-30F	700	30	85%	0-10V	TMU125050CL8xxA	2	4511	27.15	166	2,3,4
T1M1UNV0700-30L	700	30	85%	0-10V	TMU125050CL8xxA	2	4511	27.15	166	2,3,4
T1UNV0700-40C	700	40	84%	N/A	TMU125050CL8xxA	2	4511	27.47	164	2,3,4
T1M1UNV0700-40C	700	40	85%	0-10V	TMU125050CL8xxA	2	4511	27.15	166	2,3,4
T1M1UNV0700-40V	700	40	85%	0-10V	TMU125050CL8xxA	2	4511	27.15	166	2,3,4
L12300700-33E (L05033-48700)	700	33	90%	N/A	TMU125050CL8xxA	2	4511	25.64	176	2,3,4
L1A1MID100S-30E (L05025)	700	30	88%	DALI	TMU125050CL8xxA	2	4511	26.22	172	2,3,4
L1A1MID100S-40E (L05040)	700	40	89%	DALI	TMU125050CL8xxA	2	4511	25.93	174	2,3,4
L1M1230140S-60E (L05059)	700	60	90%	1-10V	TMU125050CL8xxA	2	4511	25.64	176	2,3,4
L1M1230200S-60E (L05055)	700	60	90%	1-10V	TMU125050CL8xxA	2	4511	25.64	176	2,3,4
L1M1MID120S-24E (L050113)	700	24	85%	1-10V	TMU125050CL8xxA	2	4511	27.15	166	2,3,4
L1M1MLT105S-40E (L05049-601000)	700	40	90%	1-10V	TMU125050CL8xxA	2	4511	25.64	176	2,3,4
L1M1MLT280S-100E (L05060)	700	100	92%	1-10V	TMU125050CL8xxA	2	4511	25.08	180	2,3,4
L1M1MLT400S-150E (L05065)	700	150	90%	1-10V	TMU125050CL8xxA	2	4511	25.64	176	2,3,4
L1MID105-33E (L05032R)	700	33	90%	N/A	TMU125050CL8xxA	2	4511	25.64	176	2,3,4
L1MLT105S-40E (L05049-601000-ND)	700	40	90%	N/A	TMU125050CL8xxA	2	4511	25.64	176	2,3,4
L1P1MID120S-24E (L050114)	700	24	85%	Pulse	TMU125050CL8xxA	2	4511	27.15	166	2,3,4
L1V1230105S-25E (L05023-A)	700	25	83%	TRIAC	TMU125050CL8xxA	2	4511	27.80	162	2,3,4
L1W1MID120P-20E (L050112)	700	20	85%	1-10V	TMU125050CL8xxA	2	4511	27.15	166	2,3,4
L1W1MID140S-30E (L05031)	700	30	88%	1-10V	TMU125050CL8xxA	2	4511	26.22	172	2,3,4
T1A1UNV105P-40E	700	40	85%	DALI	TMU125050CL8xxA	2	4511	27.15	166	2,3,4
T1A1UNV150P-40LES	700	40	87%	DALI	TMU125050CL8xxA	2	4511	26.53	170	2,3,4
T1M1UNV105P-40E	700	40	85%	1-10V	TMU125050CL8xxA	2	4511	27.15	166	2,3,4
T1M1UNV150P-40LES	700	40	87%	1-10V	TMU125050CL8xxA	2	4511	26.53	170	2,3,4
T1M1UNV0900-40L	900	40	85%	0-10V	TMU125050CL8xxA	2	5754	35.26	163	2,3,4
L1A1MID100S-40E (L05040)	900	40	89%	DALI	TMU125050CL8xxA	2	5754	33.68	171	2,3,4
L1M1230140S-60E (L05059)	900	60	90%	1-10V	TMU125050CL8xxA	2	5754	33.30	173	2,3,4
L1M1230200S-60E (L05055)	900	60	90%	1-10V	TMU125050CL8xxA	2	5754	33.30	173	2,3,4
L1M1MLT105S-40E (L05049-601000)	900	40	90%	1-10V	TMU125050CL8xxA	2	5754	33.30	173	2,3,4
L1M1MLT280S-100E (L05060)	900	100	92%	1-10V	TMU125050CL8xxA	2	5754	32.58	177	2,3,4
L1M1MLT400S-150E (L05065)	900	150	90%	1-10V	TMU125050CL8xxA	2	5754	33.30	173	2,3,4
L1MID105-33E (L05032R)	900	33	90%	N/A	TMU125050CL8xxA	2	5754	33.30	173	2,3,4
L1MID105-33E (L05032R)	900	33	90%	N/A	TMU125050CL8xxA	2	5754	33.30	173	2,3,4
L1MLT105S-40E (L05049-601000-ND)	900	40	90%	N/A	TMU125050CL8xxA	2	5754	33.30	173	2,3,4
T1A1UNV105P-40E	900	40	85%	DALI	TMU125050CL8xxA	2	5754	35.26	163	2,3,4
T1A1UNV150P-40LES	900	40	87%	DALI	TMU125050CL8xxA	2	5754	34.45	167	2,3,4
T1A1UNV210P-60LES	900	60	86%	DALI	TMU125050CL8xxA	2	5754	34.85	165	2,3,4
T1M1UNV105P-40E	900	40	85%	1-10V	TMU125050CL8xxA	2	5754	35.26	163	2,3,4

#### NOTES:

- 1) Lumen Output at 4000K 80CRI, see spec sheet for multiplier on other CCTs.
- 2) Driver efficiency at 277V for Universal voltage models.
- 3) Wiring diagrams: <https://cdn.fulham.com/PDFs/SpecSheets/DC-Modules-Wiring-Diagrams.pdf>
- 4) Do not connect LinearHO modules in parallel (end to end) if the current exceeds the maximum module rated current. This type of wiring would cause the pass-through current on the first module to exceed the rated current. This setup is in reference to wiring diagram #2 per Fulham's wiring diagram (see the link above). If the current is higher than the rated max, it is recommended to use wiring diagram #3.
- 5) Please see page #9 on the LinearHO module specification sheet for compatibility details.



# LINEARHO SYSTEM COMBINATION

## TMU125050CL8xxA

### LinearHO System Combination: Two modules

Driver Description					Module Information		Total System Information			Schematic
LED Driver Part Number	Output Current (mA)	Max Output Power (W)	Efficiency (%)	Dimming Type	Part Number	# of Modules	Total Nom. Module Lumen Output (lm)	System Wattage (W)	Total System Efficacy (lm/W)	Wiring Diagram
T1M1UNV150P-40LES	900	40	87%	1-10V	TMU125050CL8xxA	2	5754	34.45	167	2,3,4
T1M1UNV210P-60LES	900	60	86%	1-10V	TMU125050CL8xxA	2	5754	34.85	165	2,3,4
T1M1UNV1000-40L	1000	40	85%	0-10V	TMU125050CL8xxA	2	6361	39.37	162	2,3,4
T1UNV1400-60L	1400	60	86%	N/A	TMU125050CL8xxA	2	8691	55.42	157	2,3,4
T1M1UNV1400-60L	1400	60	86%	0-10V	TMU125050CL8xxA	2	8691	55.42	157	2,3,4
L1M1230140S-60E (L05059)	1400	60	90%	1-10V	TMU125050CL8xxA	2	8691	52.96	164	2,3,4
L1M1230200S-60E (L05055)	1400	60	90%	1-10V	TMU125050CL8xxA	2	8691	52.96	164	2,3,4
L1M1MLT280S-100E (L05060)	1400	100	92%	1-10V	TMU125050CL8xxA	2	8691	51.81	168	2,3,4
L1M1MLT400S-150E (L05065)	1400	150	90%	1-10V	TMU125050CL8xxA	2	8691	52.96	164	2,3,4
T1A1UNV210P-60LES	1400	60	86%	DALI	TMU125050CL8xxA	2	8691	55.42	157	2,3,4
T1M1UNV210P-60LES	1400	60	86%	1-10V	TMU125050CL8xxA	2	8691	55.42	157	2,3,4
T1M1UNV0800-100A	800	100	91%	0-10V	TMU125050CL8xxA	2	9798	60.35	162	13
L1M1230200S-60E (L05055)	1600	60	90%	1-10V	TMU125050CL8xxA	2	9798	61.02	161	2,3,4
L1M1MLT280S-100E (L05060)	1600	100	92%	1-10V	TMU125050CL8xxA	2	9798	59.70	164	2,3,4
L1M1MLT400S-150E (L05065)	1600	150	90%	1-10V	TMU125050CL8xxA	2	9798	61.02	161	2,3,4
T1A1UNV210P-60LES	1600	60	86%	DALI	TMU125050CL8xxA	2	9798	63.86	153	2,3,4
T1M1UNV210P-60LES	1600	60	86%	1-10V	TMU125050CL8xxA	2	9798	63.86	153	2,3,4
T1M1UNV1680-88L	1680	74	89%	0-10V	TMU125050CL8xxA	2	10230	65.00	157	2,3,4
T1M1UNV1800-88L	1800	79	89%	0-10V	TMU125050CL8xxA	2	10866	69.97	155	2,3,4
T1A1UNV150P-100CES	900	100	90%	DALI	TMU125050CL8xxA	2	10866	69.20	157	13
T1A1UNV150P-150LES	900	150	92%	DALI	TMU125050CL8xxA	2	10866	67.69	161	13
T1M1UNV150P-100CES	900	100	90%	0-10V	TMU125050CL8xxA	2	10866	69.20	157	13
T1M1UNV150P-150LES	900	150	92%	0-10V	TMU125050CL8xxA	2	10866	67.69	161	13
L1M1MLT280S-100E (L05060)	1800	100	92%	1-10V	TMU125050CL8xxA	2	10866	67.69	161	2,3,4
L1M1MLT400S-150E (L05065)	1800	150	90%	1-10V	TMU125050CL8xxA	2	10866	69.20	157	2,3,4
T1M1UNV240P-96LES	1800	96	90%	1-10V	TMU125050CL8xxA	2	10866	69.20	157	2,3,4
T1A1UNV150P-100CES	1050	100	90%	DALI	TMU125050CL8xxA	2	12395	81.67	152	13
T1A1UNV150P-150LES	1050	150	92%	DALI	TMU125050CL8xxA	2	12395	79.90	155	13
T1M1UNV150P-100CES	1050	100	90%	0-10V	TMU125050CL8xxA	2	12395	81.67	152	13
T1M1UNV150P-150LES	1050	150	92%	0-10V	TMU125050CL8xxA	2	12395	79.90	155	13
L1M1MLT280S-100E (L05060)	2100	100	92%	1-10V	TMU125050CL8xxA	2	12395	79.90	155	2,3,4
L1M1MLT400S-150E (L05065)	2100	150	90%	1-10V	TMU125050CL8xxA	2	12395	81.67	152	2,3,4
T1M1UNV2100-88L	2100	88	89%	0-10V	TMU125050CL8xxA	2	12395	82.59	150	2,3,4
T1M1UNV240P-96L	2400	96	90%	0-10V	TMU125050CL8xxA	2	13838	94.41	147	2,3,4
T1M1UNV2400-98L	2400	98	90%	0-10V	TMU125050CL8xxA	2	13838	94.41	147	2,3,4
T1A1UNV150P-100CES	1250	100	90%	DALI	TMU125050CL8xxA	2	14299	98.71	145	13
T1A1UNV150P-150LES	1250	150	92%	DALI	TMU125050CL8xxA	2	14299	96.56	148	13
T1M1UNV150P-100CES	1250	100	90%	0-10V	TMU125050CL8xxA	2	14299	98.71	145	13
T1M1UNV150P-150LES	1250	150	92%	0-10V	TMU125050CL8xxA	2	14299	96.56	148	13
L1M1MLT280S-100E (L05060)	2500	100	92%	1-10V	TMU125050CL8xxA	2	14299	96.56	148	2,3,4
L1M1MLT400S-150E (L05065)	2500	150	90%	1-10V	TMU125050CL8xxA	2	14299	98.71	145	2,3,4

#### NOTES:

- 1) Lumen Output at 4000K 80CRI, see spec sheet for multiplier on other CCTs.
- 2) Driver efficiency at 277V for Universal voltage models.
- 3) Wiring diagrams: <https://cdn.fulham.com/PDFs/SpecSheets/DC-Modules-Wiring-Diagrams.pdf>
- 4) Do not connect LinearHO modules in parallel (end to end) if the current exceeds the maximum module rated current. This type of wiring would cause the pass-through current on the first module to exceed the rated current. This setup is in reference to wiring diagram #2 per Fulham's wiring diagram (see the link above). If the current is higher than the rated max, it is recommended to use wiring diagram #3.
- 5) Please see page #9 on the LinearHO module specification sheet for compatibility details.



# LINEARHO SYSTEM COMBINATION

## TMU125050CL8xxA

### LinearHO System Combination: Three modules

Driver Description					Module Information		Total System Information			Schematic
LED Driver Part Number	Output Current (mA)	Max Output Power (W)	Efficiency (%)	Dimming Type	Part Number	# of Modules	Total Nom. Module Lumen Output (lm)	System Wattage (W)	Total System Efficacy (lm/W)	Wiring Diagram
T1M1UNV0700-30L	700	30	85%	0-10V	TMU125050CL8xxA	3	4453	26.36	169	5,6,7
T1M1UNV0900-40L	900	40	85%	0-10V	TMU125050CL8xxA	3	5813	34.71	167	5,6,7
T1A1UNV105P-60E	1050	60	88%	DALI	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1A1UNV105P-60F	1050	60	88%	DALI	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1A1UNV105P-60G	1050	60	88%	DALI	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1M1UNV105P-60E	1050	60	88%	0-10V	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1M1UNV105P-60F	1050	60	88%	0-10V	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1M1UNV105P-60G	1050	60	88%	0-10V	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1UNV0350-60L	350	60	90%	N/A	TMU125050CL8xxA	3	6766	38.46	176	14
L1M1230140S-60E (L05059)	1050	60	90%	1-10V	TMU125050CL8xxA	3	6766	38.46	176	5,6,7
L1M1230200S-60E (L05055)	1050	60	90%	1-10V	TMU125050CL8xxA	3	6766	38.46	176	5,6,7
L1M1MLT105S-40E (L05049-601000)	1050	40	90%	1-10V	TMU125050CL8xxA	3	6766	38.46	176	5,6,7
L1M1MLT280S-100E (L05060)	1050	100	92%	1-10V	TMU125050CL8xxA	3	6766	37.63	180	5,6,7
L1M1MLT400S-150E (L05065)	1050	150	90%	1-10V	TMU125050CL8xxA	3	6766	38.46	176	5,6,7
L1MLT105S-40E (L05049-601000-ND)	1050	40	90%	N/A	TMU125050CL8xxA	3	6766	38.46	176	5,6,7
T1A1UNV105P-40E	1050	40	85%	DALI	TMU125050CL8xxA	3	6766	40.73	166	5,6,7
T1A1UNV105P-60E	1050	60	88%	DALI	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1A1UNV105P-60F	1050	60	88%	DALI	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1A1UNV150P-40LES	1050	40	87%	DALI	TMU125050CL8xxA	3	6766	39.79	170	5,6,7
T1A1UNV210P-60LES	1050	60	86%	DALI	TMU125050CL8xxA	3	6766	40.25	168	5,6,7
T1M1UNV105P-40E	1050	40	85%	1-10V	TMU125050CL8xxA	3	6766	40.73	166	5,6,7
T1M1UNV105P-60E	1050	60	88%	0-10V	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1M1UNV105P-60F	1050	60	88%	0-10V	TMU125050CL8xxA	3	6766	39.34	172	5,6,7
T1M1UNV150P-40LES	1050	40	87%	1-10V	TMU125050CL8xxA	3	6766	39.79	170	5,6,7
T1M1UNV210P-60LES	1050	60	86%	1-10V	TMU125050CL8xxA	3	6766	40.25	168	5,6,7
T1M1UNV240P-96LES	1050	96	90%	1-10V	TMU125050CL8xxA	3	6766	38.46	176	5,6,7
L1M1230140S-60E (L05059)	1350	60	90%	1-10V	TMU125050CL8xxA	3	8631	49.96	173	5,6,7
L1M1230200S-60E (L05055)	1350	60	90%	1-10V	TMU125050CL8xxA	3	8631	49.96	173	5,6,7
L1M1MLT280S-100E (L05060)	1350	100	92%	1-10V	TMU125050CL8xxA	3	8631	48.87	177	5,6,7
L1M1MLT400S-150E (L05065)	1350	150	90%	1-10V	TMU125050CL8xxA	3	8631	49.96	173	5,6,7
T1A1UNV210P-60LES	1350	60	86%	DALI	TMU125050CL8xxA	3	8631	52.28	165	5,6,7
T1M1UNV210P-60LES	1350	60	86%	1-10V	TMU125050CL8xxA	3	8631	52.28	165	5,6,7
T1M1UNV240P-96LES	1350	96	90%	1-10V	TMU125050CL8xxA	3	8631	49.96	173	5,6,7
T1M1UNV1400-60L	1400	60	86%	0-10V	TMU125050CL8xxA	3	8905	54.10	165	5,6,7
T1M1UNV1680-88L	1680	74	89%	0-10V	TMU125050CL8xxA	3	10614	63.50	167	5,6,7

**NOTES:**

- 1) Lumen Output at 4000K 80CRI, see spec sheet for multiplier on other CCTs.
- 2) Driver efficiency at 277V for Universal voltage models.
- 3) Wiring diagrams: <https://cdn.fulham.com/PDFs/SpecSheets/DC-Modules-Wiring-Diagrams.pdf>



# LINEARHO SYSTEM COMBINATION

## TMU125050CL8xxA

### LinearHO System Combination: Three modules

Driver Description					Module Information		Total System Information			Schematic
LED Driver Part Number	Output Current (mA)	Max Output Power (W)	Efficiency (%)	Dimming Type	Part Number	# of Modules	Total Nom. Module Lumen Output (lm)	System Wattage (W)	Total System Efficacy (lm/W)	Wiring Diagram
T1M1UNV1800-88L	1800	79	89%	0-10V	TMU125050CL8xxA	3	11318	68.28	166	5,6,7
T1M1UNV2100-88L	2100	88	89%	0-10V	TMU125050CL8xxA	3	13036	80.33	162	5,6,7
T1A1UNV150P-100CES	700	100	90%	DALI	TMU125050CL8xxA	3	13036	79.44	164	14
T1A1UNV150P-150LES	700	150	92%	DALI	TMU125050CL8xxA	3	13036	77.71	168	14
T1M1UNV150P-100CES	700	100	90%	0-10V	TMU125050CL8xxA	3	13036	79.44	164	14
T1M1UNV150P-150LES	700	150	92%	0-10V	TMU125050CL8xxA	3	13036	77.71	168	14
L1M1MLT280S-100E (L05060)	2100	100	92%	1-10V	TMU125050CL8xxA	3	13036	77.71	168	5,6,7
L1M1MLT400S-150E (L05065)	2100	150	90%	1-10V	TMU125050CL8xxA	3	13036	79.44	164	5,6,7
T1M1UNV2100-88L	2100	88	89%	0-10V	TMU125050CL8xxA	3	13036	80.33	162	5,6,7
T1M1UNV240P-96LES	2100	96	90%	1-10V	TMU125050CL8xxA	3	13036	79.44	164	5,6,7
T1M1UNV2100-88L	2100	88	89%	0-10V	TMU125050CL8xxA	3	13036	80.33	162	5,6,7
T1M1UNV0800-100A	800	100	91%	0-10V	TMU125050CL8xxA	3	14697	90.53	162	14
T1A1UNV150P-100CES	800	100	90%	DALI	TMU125050CL8xxA	3	14697	91.53	161	14
T1A1UNV150P-150LES	800	150	92%	DALI	TMU125050CL8xxA	3	14697	89.54	164	14
T1M1UNV0800-100A	800	100	91%	0-10V	TMU125050CL8xxA	3	14697	90.53	162	14
T1M1UNV150P-100CES	800	100	90%	0-10V	TMU125050CL8xxA	3	14697	91.53	161	14
T1M1UNV150P-150LES	800	150	92%	0-10V	TMU125050CL8xxA	3	14697	89.54	164	14
L1M1MLT280S-100E (L05060)	2400	100	92%	1-10V	TMU125050CL8xxA	3	14697	89.54	164	5,6,7
L1M1MLT400S-150E (L05065)	2400	150	90%	1-10V	TMU125050CL8xxA	3	14697	91.53	161	5,6,7
T1M1UNV240P-96LES	2400	96	90%	1-10V	TMU125050CL8xxA	3	14697	91.53	161	5,6,7
T1M1UNV240P-96L	2400	96	90%	0-10V	TMU125050CL8xxA	3	14697	91.53	161	5,6,7
T1M1UNV2400-98L	2400	98	90%	0-10V	TMU125050CL8xxA	3	14697	91.53	161	5,6,7
T1A1UNV150P-100CES	900	100	90%	DALI	TMU125050CL8xxA	3	16299	103.80	157	14
T1A1UNV150P-150LES	900	150	92%	DALI	TMU125050CL8xxA	3	16299	101.54	161	14
T1M1UNV150P-100CES	900	100	90%	0-10V	TMU125050CL8xxA	3	16299	103.80	157	14
T1M1UNV150P-150LES	900	150	92%	0-10V	TMU125050CL8xxA	3	16299	101.54	161	14
L1M1MLT280S-100E (L05060)	2700	100	92%	1-10V	TMU125050CL8xxA	3	16299	101.54	161	5,6,7
L1M1MLT400S-150E (L05065)	2700	150	90%	1-10V	TMU125050CL8xxA	3	16299	103.80	157	5,6,7
T1A1UNV150P-150LES	1050	150	92%	DALI	TMU125050CL8xxA	3	18593	119.85	155	14
T1M1UNV150P-150LES	1050	150	92%	0-10V	TMU125050CL8xxA	3	18593	119.85	155	14
L1M1MLT400S-150E (L05065)	3150	150	90%	1-10V	TMU125050CL8xxA	3	18593	122.51	152	5,6,7
T1A1UNV150P-150LES	1250	150	92%	DALI	TMU125050CL8xxA	3	21448	144.84	148	14
T1M1UNV150P-150LES	1250	150	92%	0-10V	TMU125050CL8xxA	3	21448	144.84	148	14
L1M1MLT400S-150E (L05065)	3750	150	90%	1-10V	TMU125050CL8xxA	3	21448	148.06	145	5,6,7

**NOTES:**

- 1) Lumen Output at 4000K 80CRI, see spec sheet for multiplier on other CCTs.
- 2) Driver efficiency at 277V for Universal voltage models.
- 3) Wiring diagrams: <https://cdn.fulham.com/PDFs/SpecSheets/DC-Modules-Wiring-Diagrams.pdf>



# LINEARHO SYSTEM COMBINATION

## TMU125050CL8xxA

### LinearHO System Combination: Four modules

Driver Description					Module Information		Total System Information			Schematic
LED Driver Part Number	Output Current (mA)	Max Output Power (W)	Efficiency (%)	Dimming Type	Part Number	# of Modules	Total Nom. Module Lumen Output (lm)	System Wattage (W)	Total System Efficacy (lm/W)	Wiring Diagram
T1M1UNV0900-40L	900	40	85%	0-10V	TMU125050CL8xxA	4	5806	34.36	169	8,9,10
T1A1UNV150P-100CES	350	100	90%	DALI	TMU125050CL8xxA	4	9022	51.28	176	15
T1M1UNV150P-100CES	350	100	90%	0-10V	TMU125050CL8xxA	4	9022	51.28	176	15
L1M1230140S-60E (L05059)	1400	60	90%	1-10V	TMU125050CL8xxA	4	9022	51.28	176	8,9,10
L1M1230200S-60E (L05055)	1400	60	90%	1-10V	TMU125050CL8xxA	4	9022	51.28	176	8,9,10
L1M1MLT280S-100E (L05060)	1400	100	92%	1-10V	TMU125050CL8xxA	4	9022	50.17	180	8,9,10
L1M1MLT400S-150E (L05065)	1400	150	90%	1-10V	TMU125050CL8xxA	4	9022	51.28	176	8,9,10
T1A1UNV210P-60LES	1400	60	86%	DALI	TMU125050CL8xxA	4	9022	53.67	168	8,9,10
T1M1UNV210P-60LES	1400	60	86%	1-10V	TMU125050CL8xxA	4	9022	53.67	168	8,9,10
T1M1UNV1400-60L	1400	60	86%	0-10V	TMU125050CL8xxA	4	9022	53.67	168	8,9,10
T1M1UNV1400-60L	1400	60	86%	0-10V	TMU125050CL8xxA	4	9022	53.67	168	8,9,10
T1M1UNV1680-88L	1680	74	89%	0-10V	TMU125050CL8xxA	4	10770	62.68	172	8,9,10
T1A1UNV150P-100CES	450	100	90%	DALI	TMU125050CL8xxA	4	11508	66.61	173	15
T1M1UNV150P-100CES	450	100	90%	0-10V	TMU125050CL8xxA	4	11508	66.61	173	15
L1M1230200S-60E (L05055)	1800	60	90%	1-10V	TMU125050CL8xxA	4	11508	66.61	173	8,9,10
L1M1MLT280S-100E (L05060)	1800	100	92%	1-10V	TMU125050CL8xxA	4	11508	65.16	177	8,9,10
L1M1MLT400S-150E (L05065)	1800	150	90%	1-10V	TMU125050CL8xxA	4	11508	66.61	173	8,9,10
T1M1UNV1800-88L	1800	79	89%	0-10V	TMU125050CL8xxA	4	11508	67.36	171	8,9,10
T1M1UNV2100-88L	2100	88	89%	0-10V	TMU125050CL8xxA	4	13321	79.13	168	8,9,10
T1M1UNV240P-96L	2400	96	90%	0-10V	TMU125050CL8xxA	4	15090	90.03	168	8,9,10
T1A1UNV150P-100CES	700	100	90%	DALI	TMU125050CL8xxA	4	17382	105.92	164	15
T1A1UNV150P-150LES	700	150	92%	DALI	TMU125050CL8xxA	4	17382	103.62	168	15
T1M1UNV150P-100CES	700	100	90%	0-10V	TMU125050CL8xxA	4	17382	105.92	164	15
T1M1UNV150P-150LES	700	150	92%	0-10V	TMU125050CL8xxA	4	17382	103.62	168	15
L1M1MLT280S-100E (L05060)	2800	100	92%	1-10V	TMU125050CL8xxA	4	17382	103.62	168	8,9,10
L1M1MLT400S-150E (L05065)	2800	150	90%	1-10V	TMU125050CL8xxA	4	17382	105.92	164	8,9,10
T1A1UNV150P-150LES	800	150	92%	DALI	TMU125050CL8xxA	4	19596	119.39	164	15,18,19,20
T1M1UNV150P-150LES	800	150	92%	0-10V	TMU125050CL8xxA	4	19596	119.39	164	15,18,19,20
L1M1MLT400S-150E (L05065)	3200	150	90%	1-10V	TMU125050CL8xxA	4	19596	122.04	161	8,9,10
T1A1UNV150P-150LES	900	150	92%	DALI	TMU125050CL8xxA	4	21732	135.39	161	15,18,19,20
T1M1UNV150P-150LES	900	150	92%	0-10V	TMU125050CL8xxA	4	21732	135.39	161	15,18,19,20
L1M1MLT400S-150E (L05065)	3600	150	90%	1-10V	TMU125050CL8xxA	4	21732	138.39	157	8,9,10
T1M1UNV500P-185L	4000	185	92%	0-10V	TMU125050CL8xxA	4	23791	151.60	157	6
L1M1MLT400S-150E (L05065)	4000	150	90%	1-10V	TMU125050CL8xxA	4	23791	154.97	154	8,9,10
T1A1UNV150P-150LES	1050	150	92%	DALI	TMU125050CL8xxA	4	24791	159.80	155	15,18,19,20
T1M1UNV150P-150LES	1050	150	92%	0-10V	TMU125050CL8xxA	4	24791	159.80	155	15,18,19,20
T1A1UNV140P-200LES	1250	200	92%	DALI	TMU125050CL8xxA	4	28598	193.12	148	15,18,19,20
T1M1UNV140P-200LES	1250	200	92%	0-10V	TMU125050CL8xxA	4	28598	193.12	148	15,18,19,20

**NOTES:**

- 1) Lumen Output at 4000K 80CRI, see spec sheet for multiplier on other CCTs.
- 2) Driver efficiency at 277V for Universal voltage models.
- 3) Wiring diagrams: <https://cdn.fulham.com/PDFs/SpecSheets/DC-Modules-Wiring-Diagrams.pdf>





# LINEARHO SYSTEM COMBINATION

## TMU125050CL8xxA

### LinearHO System Combination: Five, Six and Eight modules

Driver Description										Schematic
LED Driver Part Number	Output Current (mA)	Max Output Power (W)	Efficiency (%)	Dimming Type	Part Number	# of Modules	Total Nom. Module Lumen Output (lm)	System Wattage (W)	Total System Efficacy (lm/W)	Wiring Diagram
T1M1UNV500P-185L	5000	185	92%	0-10V	TMU125050CL8xxA	5	29738	189.50	157	6
T1M1UNV1680-88L	1680	74	89%	0-10V	TMU125050CL8xxA	6	10854	61.72	176	12
T1M1UNV1800-88L	1800	79	89%	0-10V	TMU125050CL8xxA	6	11625	66.30	175	12
T1M1UNV2100-88L	2100	88	89%	0-10V	TMU125050CL8xxA	6	13533	77.79	174	12
T1M1UNV240P-96L	2400	96	90%	0-10V	TMU125050CL8xxA	6	15412	88.38	174	12
T1M1UNV2400-98L	2400	98	90%	0-10V	TMU125050CL8xxA	6	15412	88.38	174	12
T1M1UNV150P-150L	1400	150	92%	0-10V	TMU125050CL8xxA	6	26073	155.43	168	14 / 2,3,4
T1M1UNV140P-200L	1400	200	92%	0-10V	TMU125050CL8xxA	8	34764	207.24	168	15 / 2,3,4

#### NOTES:

- 1) Lumen Output at 4000K 80CRI, see spec sheet for multiplier on other CCTs.
- 2) Driver efficiency at 277V for Universal voltage models.
- 3) Wiring diagrams: <https://cdn.fulham.com/PDFs/SpecSheets/DC-Modules-Wiring-Diagrams.pdf>
- 4) Do not connect LinearHO modules in parallel (end to end) if the current exceeds the maximum module rated current. This type of wiring would cause the pass-through current on the first module to exceed the rated current. This setup is in reference to wiring diagram #2 per Fulham's wiring diagram (see the link above). If the current is higher than the rated max, it is recommended to use wiring diagram #3.
- 5) Please see page #9 on the LinearHO module specification sheet for compatibility details.