TRAC-MASTER®

Wall Wash/Floods

LED WALL WASH/FLOOD

T1050L, T1051L, T1052L, T1053L, T1054L, T1056L, T1058L Series

JUNO®

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

BAA   BABA   TITLE 24 PART 6   ENERGY STAR   DLC LISTED

PRODUCT DESCRIPTION

The T105xL family of narrow profile LED Wall Wash/Flood track fixtures deliver a powerful and uniform punch of light, utilizing less energy than comparable CMH fixtures and offering up to 4 times the rated life. Seven different lumen packages are capable of delivering from 1392 lumens up to 6317 powerful lumens, reaching efficacy of up to 148 lumens per watt. Employing a patented, proprietary hyperbolic reflector, they provide a very uniform, wide beam of light with minimal aperture brightness. Their unique, narrow profile and small footprint reduces visual clutter at the ceiling. The lightweight, but robust, die cast aluminum construction is designed to maintain a consistent center of gravity, regardless of aiming. Vertical aiming locks enable fixtures to be precisely aimed and locked in place, and a variety of light control accessories can be attached to optimize beam control. Their optimized thermal management design yields a maintenance-free minimum 50,000 hours service life at 70% lumen maintenance. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light T105xL family of narrow profile LED Wall Wash/Flood track fixtures are compatible with Juno Trac-Master and Trac-Lites track.

PRODUCT SPECIFICATIONS

Housing Robust die cast aluminum construction • Perfectly balanced design maintains consistent center of gravity, regardless of aiming • Concealed wiring for a simplified, clean aesthetic • Computer designed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation • Available in white semi-gloss, black semi-gloss and silver metallic painted finishes.

LED Two high-performance LEDs per fixture provide outstanding reliability, performance and color quality/consistency • White phosphor high brightness LEDs in 2700K, 3000K, 3500K or 4000K color temperatures • Chromaticity range within a 2-step MacAdam Ellipse • Exceptional 80 CRI minimum on standard product • Optional high CRI versions offer 90 CRI.

Driver Cleverly assembled in fixture yoke arm • Insulating air gap between driver and LEDs optimizes thermal operation • Solid state electronic with integral overcurrent and short circuit protection • FCC Part 15 Class B rated at 120V.

Dimming Standard 120V version is standard dimmable using various high quality dimmers approved by Juno - see T105xL-DIM.

Reflector Patented, custom hyperbolic reflector creates a uniform, wide beam pattern and enables LEDs to be deeply regressed to minimize aperture brightness.

Aiming 365° horizontal coverage • 95° vertical aiming capability in either direction (190° total) • Vertical aiming lock screws and aiming scales for precise, secure fixture aiming • Lock screws require standard 1/16" hex wrench (included).

Lenses/Light Control Accessories Lenses & light control accessories attach to front bezel using four (4) Philips screws (included with accessory) • Standard fixture is supplied without lens to deliver optimal photometric performance and to simplify accessory installation • Clear Polycarbonate Lens or Diffusion Lens are available as factory-installed options (CPL or DIFF) or field-installed accessories (CGF RECT3 CLEAR or DIFF RECT3) • Other lenses, including UV Filter (UVF RECT3), can also be factory-installed – consult factory • Other lenses available upon request – consult factory.

Juno Universal Track Adapter Universally compatible with both Trac-Master 1-circuit or 2-circuit track, Trac-Lites track, monopoints and special mountings • Also UL Recognized for use on ConTech® LT Series track • Copper alloy contacts provide precise spring action – no arcing and will not take a set • True, positive electrical ground • On/off switch included • Patented embossed polarity arrows on bottom of adapter • Spring-loaded positive latch with embossed polarity arrows secures track fixture to track • Two-position power contact provided for two-circuit application.

Alternate TEK/HTEK Track Adapter Compatible with either Juno TEK or HTEK track systems • System specific and assembled to track fixture • Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation • Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing.

Alternate GTYPE Track Adapter Compatible with track systems based on GES type track, including Lithonia LT Commercial Track (not LTS type) • System specific and assembled to track fixture • Consult factory for additional information.

Alternate HTYPE Track Adapter Compatible with track systems which use a H-type track adapter, including Lithonia LTS Decorative Track (not LT type) • System specific and assembled to track fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

Alternate LTYPE Track Adapter Compatible with track systems which use a L-type track adapter • System specific and assembled to track fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

Labels UL and cUL Listed • ENERGY STAR® certified • 120V versions are DesignLights Consortium® Qualified • Union made • Assembled in U.S.A. • 90CRI versions can be used to comply with California Title 24, Part 6 high efficacy LED light source requirements.

Government Procurement

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions.

**Note**: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

ConTech is a registered trademark of ConTech Lighting.

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DIMENSIONS

T1050L, T1051L, T1052L, T1053L, T1054L
2.72 LBS
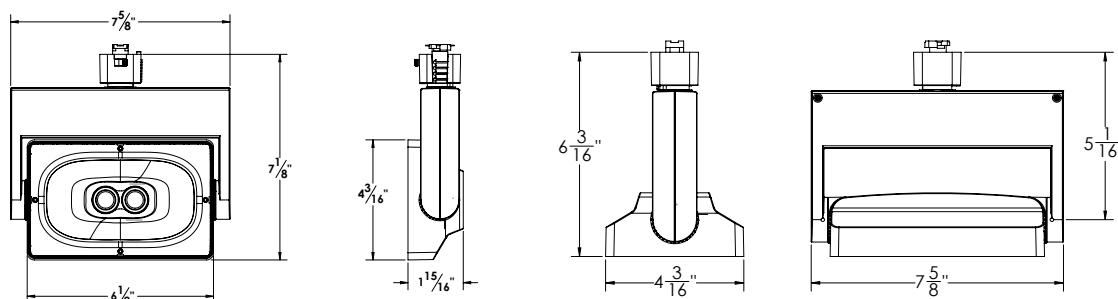
T1056L, T1058L
3.13 LBS
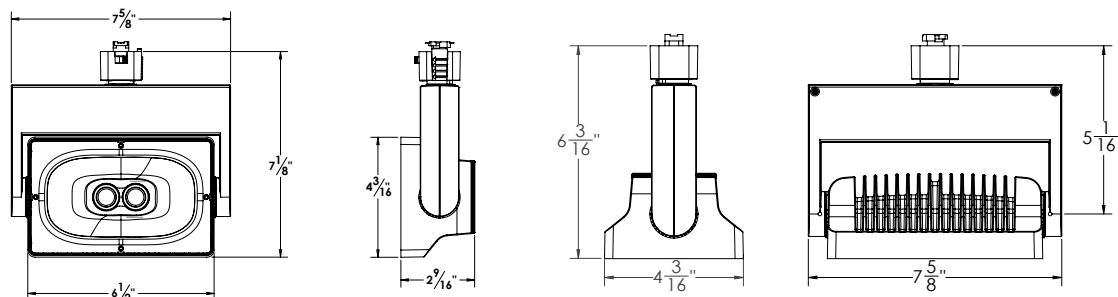
ORDERING INFORMATION

Ordering Examples: T1050L 30K 80CRI PDIM WH, T1054L HTYPE 35K 90CRI PDIM BL CPL

Series		Mounting Adapter Type		Color Temperature		Color Rendering Index		Dimming Compatibility	
T1050L	12W, 1700lm	**(Blank)**	Juno Universal 120V Track Adapter	**27K**	2700K	**80CRI**	80 CRI	**OFF** [1]	On/Off (Non-Dimming)
T1051L	16W, 2300lm	**HTEK** [1]	HTEK 277V Track Adapter	**30K**	3000K	**90CRI**	90 CRI	**PDIM**	Phase Dimmable
T1052L	22W, 3200lm	**TEK** [2]	TEK 120V Track Adapter	**35K**	3500K				
T1053L	26W, 3700lm	**GTYPE**	G-Type Track Adapter	**40K**	4000K				
T1054L	30W, 4200lm	**HTYPE**	H-Type Track Adapter						
T1056L	38W, 5200lm	**LTYPE**	L-Type Track Adapter						
T1058L	45W, 6300lm								

Finish		Factory-Installed Lens Option	
BL	Black	**CPL**	Clear Polycarbonate Lens
SL	Silver	**DIFF**	Diffusion Lens
WH	White		

Notes:
1 HTEK versions available with OFF option only, and OFF option available with HTEK versions only.
2 TEK and HTEK adapters are black on silver finish fixtures.
3 Fixtures are designed to accept up to one light control accessory, except CGF or DIFF light control accessories which can be combined with one additional light control accessory (HCLBL, UVF, SNOOTBL, EYEBROWBL, EYEBROWWH, or TBDR).
4 Add finish code to complete catalog number (Example: T40N WH).

Accessories (ordered separately)[3]			
HCLBL RECT3	Hexagonal Cell Louver	**SNOOTBL RECT3**	Snoot - Black
CGF RECT3 CLEAR	Clear Polycarbonate Lens	**EYEBROWBL RECT3**	Eyebrow - Black
DIFF RECT3	Diffusion Lens	**EYEBROWWH RECT3**	Eyebrow - White
UVF RECT3	UV Filter	**TBDR BLCK RECT3**	Barn Door - Black
		T40N [4]	Monopoint Canopy

See specification sheet D1.2.2 for details.
Other accessories can be found on specification sheet D1.2.0.

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PERFORMANCE DATA[1]

Catalog Number	Input Voltage	Input Wattage	Lumens	Efficacy (LPW)	Rated Life (Hours)
T1050L 27K 80CRI	120V	11.8	1597	135	50,000
T1050L 30K 80CRI	120V	11.8	1665	141	50,000
T1050L 35K 80CRI	120V	11.8	1694	143	50,000
T1050L 40K 80CRI	120V	11.8	1708	145	50,000
T1050L 27K 90CRI	120V	11.8	1392	118	50,000
T1050L 30K 90CRI	120V	11.8	1447	122	50,000
T1050L 35K 90CRI	120V	11.8	1469	124	50,000
T1050L 40K 90CRI	120V	11.8	1470	124	50,000
T1051L 27K 80CRI	120V	16.0	2211	138	50,000
T1051L 30K 80CRI	120V	16.0	2305	144	50,000
T1051L 35K 80CRI	120V	16.0	2346	147	50,000
T1051L 40K 80CRI	120V	16.0	2365	148	50,000
T1051L 27K 90CRI	120V	16.0	1927	120	50,000
T1051L 30K 90CRI	120V	16.0	2004	125	50,000
T1051L 35K 90CRI	120V	16.0	2034	127	50,000
T1051L 40K 90CRI	120V	16.0	2035	127	50,000
T1052L 27K 80CRI	120V	21.9	2997	137	50,000
T1052L 30K 80CRI	120V	21.9	3125	143	50,000
T1052L 35K 80CRI	120V	21.9	3180	145	50,000
T1052L 40K 80CRI	120V	21.9	3206	146	50,000
T1052L 27K 90CRI	120V	21.9	2612	119	50,000
T1052L 30K 90CRI	120V	21.9	2717	124	50,000
T1052L 35K 90CRI	120V	21.9	2757	126	50,000
T1052L 40K 90CRI	120V	21.9	2758	126	50,000
T1053L 27K 80CRI	120V	26.1	3474	133	50,000
T1053L 30K 80CRI	120V	26.1	3621	139	50,000
T1053L 35K 80CRI	120V	26.1	3686	141	50,000
T1053L 40K 80CRI	120V	26.1	3715	143	50,000
T1053L 27K 90CRI	120V	26.1	3028	116	50,000
T1053L 30K 90CRI	120V	26.1	3149	121	50,000
T1053L 35K 90CRI	120V	26.1	3195	123	50,000
T1053L 40K 90CRI	120V	26.1	3197	123	50,000
T1054L 27K 80CRI	120V	29.7	3931	132	50,000
T1054L 30K 80CRI	120V	29.7	4098	138	50,000
T1054L 35K 80CRI	120V	29.7	4170	140	50,000
T1054L 40K 80CRI	120V	29.7	4204	142	50,000
T1054L 27K 90CRI	120V	29.7	3426	115	50,000
T1054L 30K 90CRI	120V	29.7	3563	120	50,000
T1054L 35K 90CRI	120V	29.7	3615	122	50,000
T1054L 40K 90CRI	120V	29.7	3618	122	50,000

1 Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25°C ambient.

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PERFORMANCE DATA[1]

Catalog Number	Input Voltage	Input Wattage	Lumens	Efficacy (LPW)	Rated Life (Hours)
T1056L 27K 80CRI	120V	37.8	4914	130	50,000
T1056L 30K 80CRI	120V	37.8	5122	135	50,000
T1056L 35K 80CRI	120V	37.8	5213	138	50,000
T1056L 40K 80CRI	120V	37.8	5255	139	50,000
T1056L 27K 90CRI	120V	37.8	4283	113	50,000
T1056L 30K 90CRI	120V	37.8	4453	118	50,000
T1056L 35K 90CRI	120V	37.8	4519	119	50,000
T1056L 40K 90CRI	120V	37.8	4522	120	50,000
T1058L 27K 80CRI	120V	44.9	5906	131	50,000
T1058L 30K 80CRI	120V	44.9	6157	137	50,000
T1058L 35K 80CRI	120V	44.9	6266	139	50,000
T1058L 40K 80CRI	120V	44.9	6317	141	50,000
T1058L 27K 90CRI	120V	44.9	5148	115	50,000
T1058L 30K 90CRI	120V	44.9	5353	119	50,000
T1058L 35K 90CRI	120V	44.9	5432	121	50,000
T1058L 40K 90CRI	120V	44.9	5435	121	50,000

1 Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25°C ambient.

| ELECTRICAL DATA							
	T1050L	T1051L	T1052L	T1053L	T1054L	T1056L	T1058L
Input Voltage	120V	120V	120V	120V	120V	120V	120V
Input Current (max)	0.11A	0.15A	0.21A	0.25A	0.29A	0.37A	0.44A
Power Factor	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90
T.H.D.	<20%	<20%	<20%	<20%	<20%	<20%	<20%

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T1054L 30K 80CRI WALL WASH/FLOOD

TRAC 3' FROM WALL

Distance from ceiling	Single Fixture Performance 0	1'	2'	3'	4'	5'	Multiple Fixture Performance ←4'→			←5'→			←6'→		
1'	152	123	71	32	14	6	165	142	165	158	96	158	154	63	154
2'	123	105	71	42	21	9	144	141	144	132	110	132	128	83	128
3'	78	70	52	34	21	12	99	104	99	89	85	89	84	68	84
4'	48	44	35	26	17	11	65	71	65	59	61	59	55	51	54
5'	30	38	24	19	14	10	42	48	42	40	42	40	37	37	36
6'	19	18	16	13	10	8	30	33	30	28	30	28	26	27	25
7'	13	13	11	10	8	7	21	23	21	20	21	20	18	20	18
8'	9	9	8	7	6	5	15	16	15	15	16	15	14	15	13
9'	7	7	6	6	5	4	11	12	12	11	12	11	11	11	10

TRAC 3' FROM WALL — ←3'→ — 50° — 30W LED 30K, 80CRI

TRAC 4' FROM WALL

Distance from ceiling	Single Fixture Performance 0	1'	2'	3'	4'	5'	Multiple Fixture Performance ←4'→			←5'→			←6'→		
1'	74	66	47	27	14	8	89	95	89	82	74	82	79	54	78
2'	83	74	58	37	33	13	106	113	106	95	93	95	89	75	89
3'	62	57	46	33	23	14	85	92	85	77	79	77	71	66	71
4'	44	41	35	26	19	13	64	69	63	57	61	58	53	53	53
5'	30	29	25	20	15	11	48	51	48	42	46	42	39	41	38
6'	21	20	18	15	12	9	34	37	34	31	34	31	29	31	28
7'	15	14	13	12	10	8	25	27	25	23	26	24	22	23	21
8'	11	11	10	9	7	6	19	20	19	18	19	18	17	18	16
9'	8	8	7	7	6	5	15	15	15	14	15	15	13	14	12

TRAC 4' FROM WALL — ←4'→ — 50° — 30W LED 30K, 80CRI

CRI/CCT Multiplier

CRI	CCT	Multiplier
80	27K	0.96
	30K	1.00
	35K	1.02
	40K	1.03
90	27K	0.84
	30K	0.87
	35K	0.88
	40K	0.88

Fixture	Multiplier
T1050L	0.41
T1051L	0.56
T1052L	0.76
T1053L	0.88
T1054L	1.00
T1056L	1.25
T1058L	1.50

Option/Accessory	Multiplier
CPL or CGF RECT3 CLEAR	0.94
DIFF or DIFF RECT3	0.92
UVF RECT3	0.96
HCLBL RECT3	0.31