



Type:

SPECIFICATION SHEET

Project:

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Muse Plus Wall Washer



DESCRIPTION

Muse(EN-TLO series, Plus version) is a upgraded version of Muse, except for it's very stylish and attractive design, Plus also combines spotlights, floodlight and wallwashing in a single luminaire, so it will fit smoothly into any indoor environments where requires different lighting solutions, but want to get a unified impression. The head can be adjusted precisely 360°+ horizontal(rotation) and 90°vertical without dead angle. The light, as a result, is emitted exactly where you need it. The integrated driver gives clean feeling and the ceiling will not be cluttered with drivers aimed in different directions.

FEATURES

- Stylish and attractive design thanks to the beautiful combination of round and square.
- Excellent modular combination concept: integrated driver + different fixture bases, DIY to get different light solutions and easy for maintenance.
- Combines spotlights, floodlight and wallwashing in a single luminaire.
- Patented joints can hold the track head at any positions without malfunctions.
- 360°+ rotation without dead angle and 90° vertical aiming.
- Use Muse family to get a unified impression in one environment.

ELECTRICAL

Power:	20W / 25W / 30W
Voltage:	220-240V / 100-277V AC
Frequency:	50/60Hz
Class:	II
Power Factor:	>0.90
Dimming:	On-off / 0/1-10V / DALI / TRIAC

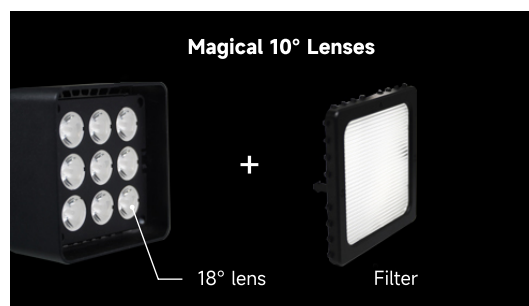
OPTICAL

LED Type:	COB
Lumen Output:	1531lm-2474lm
Beam Optic:	18° / 25° / 40° / 50°, 20°x30°, 25°x40°, 25°x50°
Color Quality:	CRI 90+/95+, SDCM≤3
Color Temperature:	Static white: 2700K/3000K/3500K/4000K
TM30 values:	Rf: 99-105 Rg: 88-92
LM80:	ANSI/IES LM-80-15

LUMINAIRE

Location:	Indoor
Installation Methods:	Track-mounted / Wall-Mounted
IP Rating:	IP20
Adjustability:	0°-90° tiltable, 360°+ rotatable
Luminaire Color:	RAL9005 Black / RAL9016 White / Custom Finish*(Consult Factory)
Material:	Die-cast aluminum
Operating Temperature:	-20°C~40°C
Lifespan:	> 50000h@80%(L80)
Warranty:	5 years Carefree for Parts and Components (Labor not included) LED luminaire life reduction and warranty invalidation will occur if installed in environments above 40°C

DETAILS





ORDERING INFORMATION

TLO								
SERIES	POWER	INSTALLATION	HOUSING COLOR	TRACK TYPE	CRI	CCT	OPTIC	DIMMING
☐ TLO Muse	☐ 020 20W ☐ 025 25W ☐ 030 30W	☐ 61 Track ☐ 64 Wall	☐ W RAL9016 White ☐ B RAL9005 Black ☐ C Custom Finish *(Consult Factory)	☐ 41 4-pin Standard ☐ 42 4-pin Mini ☐ 43 4-pin Global ☐ 44 4-pin Intrack Driver ☐ 63 6-pin Intrack DALI	☐ 9 90+ ☐ H 95+	☐ 27 2700K ☐ 30 3000K ☐ 35 3500K ☐ 40 4000K	☐ 018 18° ☐ 025 25° ☐ 040 40° ☐ 050 50° ☐ 2X3 20°×30° ☐ 2X4 25°×40° ☐ 2X5 25°×50° ☐ WW Wall washing	☐ V 0/1-10V ☐ T Triac ☐ X 0-10V/Triac ☐ D DALI ☐ N Non-dimming

ACCESSORIES (TO BE ORDERED SEPARATELY)
FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

OPTICAL ACCESSORY

☐ Honeycomb Louve+Wall Washer
TLO-AC12

☐ Wall Washer
TLO-AC13





PHOTOMETRIC DATA (NON-DIMMING)

LUMEN PACKAGE	POWER	CCT	18°			25°			40°			50°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
LUT-TL020-61	20W	3000K	1809	97	6987	1610	86	3561	1693	91	2681	1531	82	1672
LUT-TL025-61	25W	3000K	2136	96	8248	1875	84	4261	1949	87	3083	1783	80	1935
LUT-TL030-61	30W	3000K	2474	93	9559	2194	82	4971	2252	84	3573	2065	78	2246

LUMEN PACKAGE	POWER	CCT	20°*30°			25°*40°			25°*50°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
LUT-TL020-61	20W	3000K	1715	92	5173	1545	83	3086	1537	82	2603
LUT-TL025-61	25W	3000K	2055	92	6396	1811	81	3542	1782	80	3030
LUT-TL030-61	30W	3000K	2348	88	6972	2124	80	4140	2043	77	3491

LUMEN PACKAGE	POWER	CCT	Wall Washing		
			LUMENS	EFFICACY	MAX CANDELA
LUT-TL025-61	25W	3000K	1837	80	2145

LUMEN MULTIPLIERS

CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.03
4000K	1.06

Applying Lumen Multipliers to Calculate Delivered Lumens

Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: TLO020-61 20W 3500K				
1809 lm	x	1.03	=	1863 lm

LIGHT DISTRIBUTION

3000K 20W

18°

D(cm)	h(m)	E(lx)
38.57	1	6994
77.15	2	1749
115.72	3	777.2
154.3	4	437.1
192.87	5	279.8

25°

D(cm)	h(m)	E(lx)
53.28	1	3564
106.56	2	891.1
159.84	3	396
213.12	4	222.8
266.4	5	142.6

40°

D(cm)	h(m)	E(lx)
71.72	1	2679
143.44	2	669.8
215.17	3	297.7
286.89	4	167.5
358.61	5	107.2

50°

D(cm)	h(m)	E(lx)
92.21	1	1673
184.41	2	418.2
276.62	3	185.9
368.82	4	104.5
461.03	5	66.9

20°X30°

D(cm)	h(m)	E(lx)
41.01	1	5159
82.02	2	1290
123.03	3	573.2
164.05	4	322.5
205.06	5	206.4

25°X40°

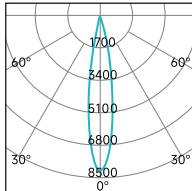
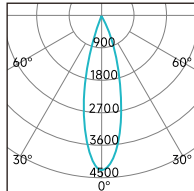
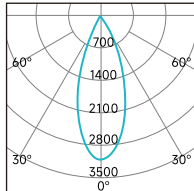
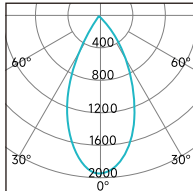
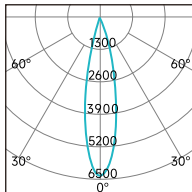
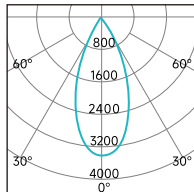
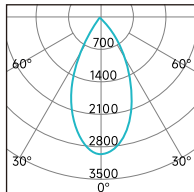
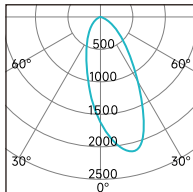
D(cm)	h(m)	E(lx)
41.01	1	3086
82.02	2	771.4
123.03	3	342.8
164.05	4	192.8
205.06	5	123.4

25°X50°

D(cm)	h(m)	E(lx)
48.71	1	2605
97.41	2	651.2
146.12	3	289.4
194.83	4	162.8
243.54	5	104.2

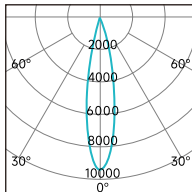
LIGHT DISTRIBUTION

3000K 25W

18°	25°	40°	50°																																																																								
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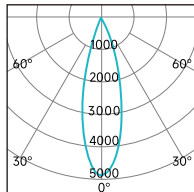
3000K 30W

18°



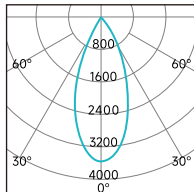
D(cm)	h(m)	E(lx)
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76.75	2	2375
115.12	3	1055
153.5	4	593.7
191.87	5	380

25°



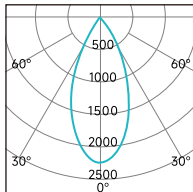
D(cm)	h(m)	E(lx)
52.8	1	4940
105.59	2	1235
158.39	3	548.9
211.18	4	308.7
263.98	5	197.6

40°



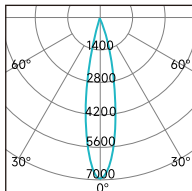
D(cm)	h(m)	E(lx)
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142.85	2	891.1
214.28	3	396
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357.13	5	142.6

50°



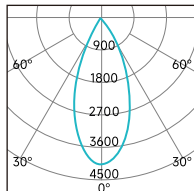
D(cm)	h(m)	E(lx)
92.31	1	2246
184.62	2	561.4
276.93	3	249.5
369.25	4	140.4
461.56	5	89.83

20°X30°



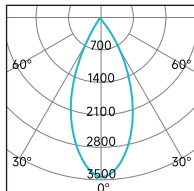
D(cm)	h(m)	E(lx)
41.42	1	6969
82.85	2	1742
124.27	3	774.4
165.7	4	435.6
207.12	5	278.8

25°X40°



D(cm)	h(m)	E(lx)
45.06	1	4127
90.12	2	1032
135.18	3	458.5
180.24	4	257.9
225.3	5	165.1

25°X50°



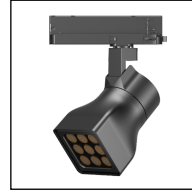
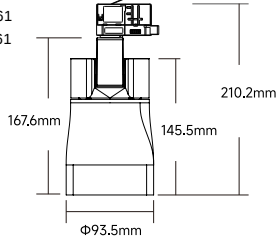
D(cm)	h(m)	E(lx)
48.87	1	3476
97.75	2	869.1
146.62	3	386.3
195.49	4	217.3
244.37	5	139.1

DIMENSION



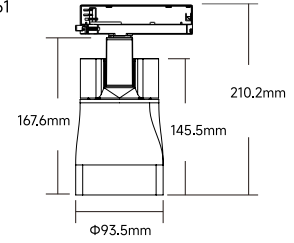
Track-mounted

LUT-TL020-61
LUT-TL025-61



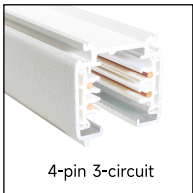
Track-mounted

TLO030-61

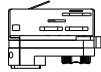


INSTALLATION

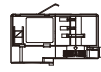
Track-mounted



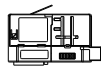
4-pin 3-circuit



Standard



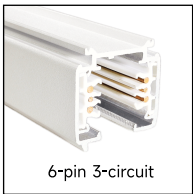
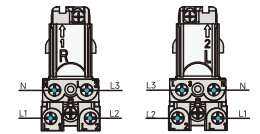
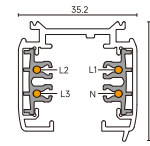
Mini



Global



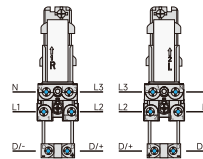
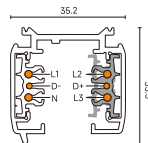
Intrack Driver



6-pin 3-circuit

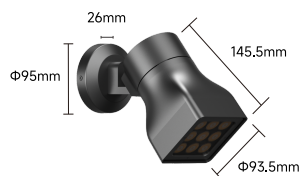


Intrack DALI

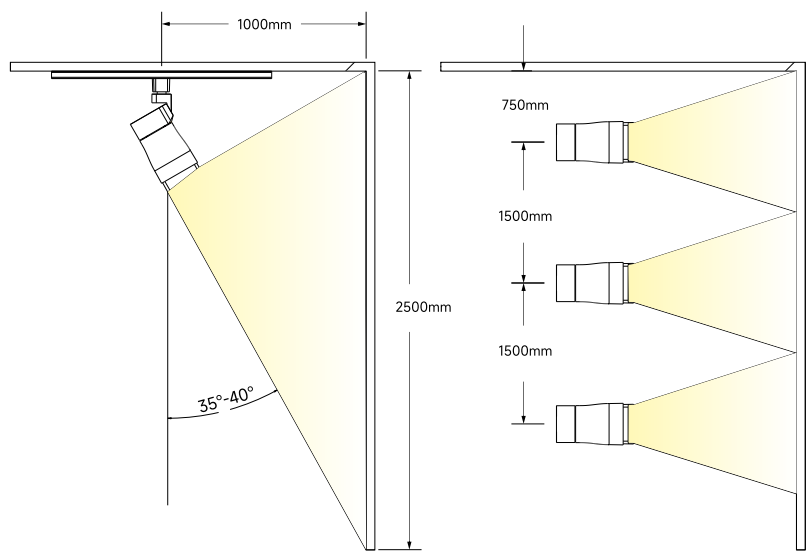


Wall-mounted

LUT-TL020-64
LUT-TL025-64



WALL WASHING SUGGESTED SPACING AND WALL DISTANCE



EXCELLENT MODULAR COMBINATION CONCEPT





Muse Plus Wall Washer

UNLIMITED POSSIBILITIES with Muse family. Seven versions in excellent modular combination concept with similar appearances but different light solutions entitle Muse family will fit smoothly into any retails, museums and galleries environment.

In versions with different light solutions, Muse covers high performance accent lighting with very narrow beam 6°, different interchangeable beam lens & different optical accessories, flood lighting of exhibits, beam angle adjusting from narrow to wide, wall washing and projection.

Except versatile light solutions, Muse is also a complete family with different installation methods (track-mounted, pendant, surface-mounted and wall-mounted). So, if you have an environment where ask for different light solutions & different installation methods, Muse family will be a great choice to get a unified impression.