

RoboTrac



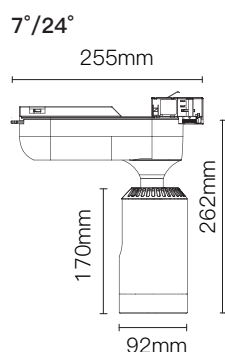
Motorised 3-phase track lighting. Integrated power supply.

- White
- Black

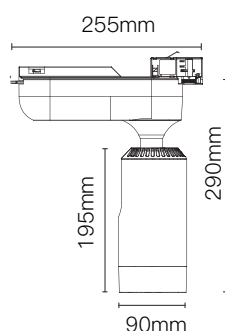
Features



Dimensions



Zoomable



Electrical system

Total power consumption:	28W
Power input:	120–277V 50/60Hz
Operating temperature:	–10°C ~ 35°C
Power factor:	>0,95
Dimming methods:	PWM
Insulation class:	Class II
Motor type:	Stepping motor
Control protocol:	Zigbee/2,4G remote control

Light source

LED type:	CREE XHP*3 / CREE CXA1830*1 / TOYONIA T30*1
CCT:	2700K/3000K/4000K/5700K/Tunable White(2700K– 6000K)
CRI:	Ra>90/R9>50
Beam angle:	7° / 24° / Zoomable(12°–55°)

Housing

Lamp body diameter:	92mm / 90mm
Material:	Aluminum, plastic
Weight:	1,42kg/1,73kg(zoomable)

Warranty

Period:	5-year warranty
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Lumen output

Angle \ CCT	2700K	3000K	4000K	2700–6000K
7°	2000lm	2260lm	2600lm	–
24°	1800lm	2000lm	2300lm	1400–1900lm
Z1(12°–55°)	550–1550lm	600–1600lm	650–1650lm	550–1550lm

Nomenclature

*Applicable model: TLRT28xx90xxxx (xx: dynamic codes)

Type	Series Name	System Power	CCT	CRI	Beam Angle	Driver/Control	Serial No.
TL	RT(RoboTrac)	28(28W)	27(2700K)	90(90)	07(7°)	4(Zigbee)	01(Black)
			30(3000K)		24(24°)	6(2,4 GHz)	02(White)
			40(4000K)		Z1(12°–55°)		
			TW(2700–6000K)				

Illuminance distance data

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Zoomable 28W



12°

h(m)	E(lx)	S_B(sq.m)
1	8050.53	0.05
2	2012.63	0.2
3	894.50	0.4
4	503.16	0.8
5	322.02	1.2

55°

h(m)	E(lx)	S_B(sq.m)
1	2797.16	0.9
2	699.29	3.7
3	310.80	8.4
4	174.82	15.0
5	111.89	23.40

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28W



24°

h(m)	E(lx)	S_B(sq.m)
1	7934.79	0.2
2	1983.70	0.8
3	881.64	1.8
4	495.92	3.2
5	317.39	5.0

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28W



7°

h(m)	E(lx)	S_B(sq.m)
1	59587.49	0.01
2	14896.87	0.05
3	6620.83	0.11
4	3724.22	0.20
5	2383.50	0.32