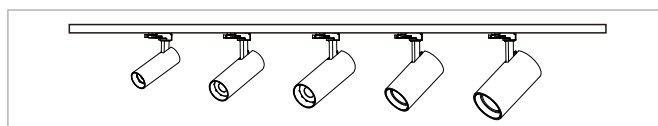
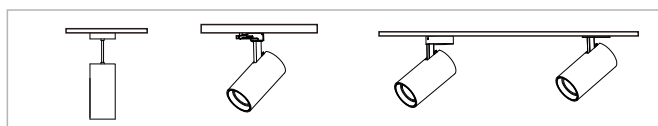


FINA TEHNO LED



Star Lens Series

1070 pure aluminum
4 installations, 5 sizes



FINA TEHNO LED

JURIJA GAGARINA 192/24
11070 NOVI BEOGRAD
SRBIJA

TEL : +381 11 215 2232
MOB: +381 62 355 896
MOB: +381 62 355 894

E - MAIL : office@finatehnoled.com
WEB : www.finatehnoled.com

Common radiator in the market

ADC12 die-casting one-part aluminum radiator, The index of thermal conductivity : 96W/(m*k)



Al6063 aluminum housing + radiator, The index of thermal conductivity : 209W/(m*k)

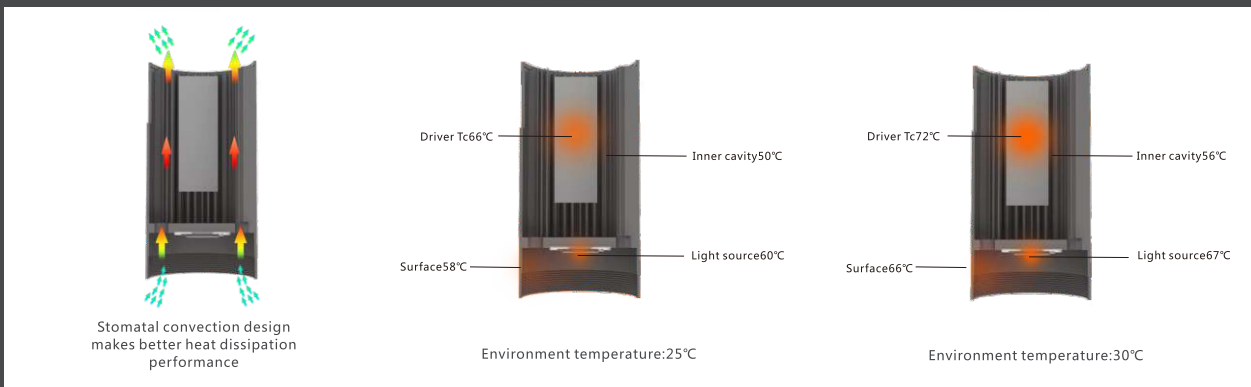


Al6063 one-part aluminum radiator, The index of thermal conductivity : 201W/(m*k)



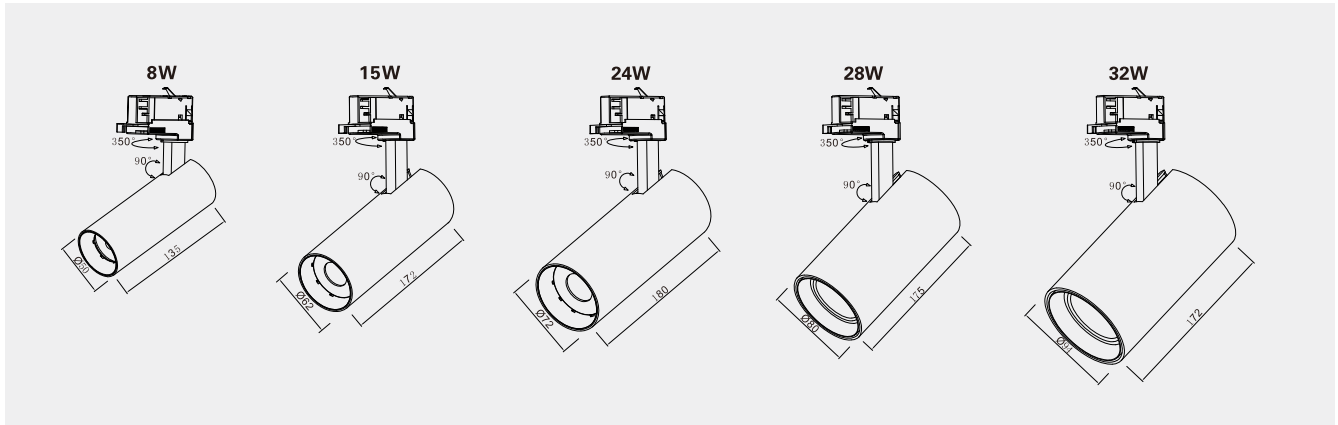
1070 aluminum radiator of Star Lens series

Adopted the cold forging process, the radiator and the lamp housing are intergrated, which make the heat dissipation area maximized. With ultra-high thermal conductivity of 236W/m*k, 1070 pure aluminum material can quickly dissipate heat. On the other hand, 1070 pure aluminum can realize more complicated surface spraying process, such as painting, powder coating, oxidation, and electroplating.

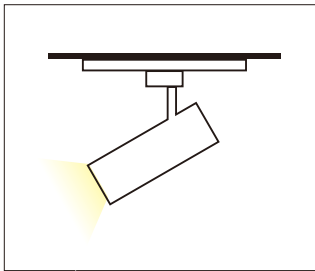


Forging Process/Material	The index of thermal conductivity	Heat dissipation performance	Advantage / disadvantage
Die casting/ ADC12 aluminum	96W/(m*k)	poor	The radiator is integrated with the housing. However, the thermal conductivity of ADC12 material is too low to dissipate the heat in time.
Aluminium housing+ radiator /AL6063	209W/(m*k)	good	The radiator is not integrated with the housing. The heat is mainly dissipated through the radiator, and the heat dissipation area is insufficient.
Extrusion / AL6063	209W/(m*k)	excellent	The radiator is integrated with the housing. With high thermal conductivity, 6063 aluminum material can dissipate the heat in time. But CNC machining cost is high, aluminum is wasted a lot, and the cost is high.
Cold forge/1070 aluminum	236W/(m*k)	excellent	The radiator is integrated with the housing. With high thermal conductivity, 1070 pure aluminum material can quickly dissipate the heat. Besides, low CNC machining cost, less aluminum waste make the cost competitive.

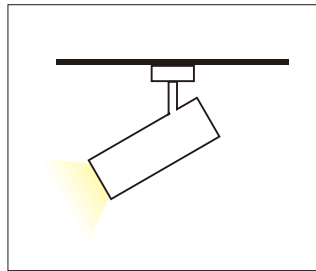
Power options: 8w-32w



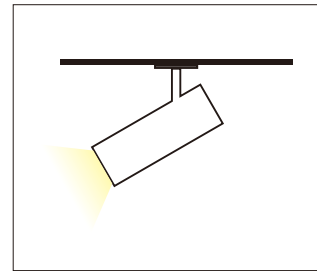
Four installation ways



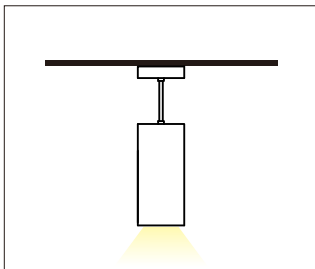
Track mounted



Ceiling mounted



Recessed mounted



Suspended mounted

STAR LENS



Model.

SW-TL08-051
SW-TL15-053
SW-TL24-054
SW-TL28-055
SW-TL32-056

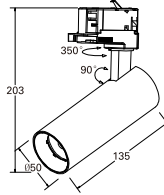
Power.

8W
15W
24W
28W
32W



- Matt White
- Silver
- Matt Black

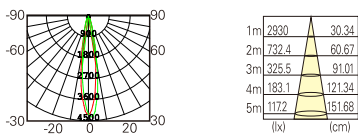
- 17°
- 24°
- 33°
- 40°



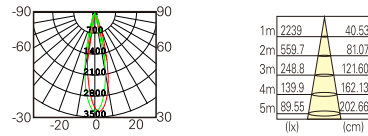
SW-TL08-051

Luminaire Power	LED Power	CRI	Flux	CCT	Beam	Driver Current
8W	6.5W	80	670lm	3000K	17°	DC 180mA
8W	6.5W	80	686lm	3000K	24°	DC 180mA
8W	6.5W	80	659lm	3000K	33°	DC 180mA
8W	6.5W	80	697lm	3000K	40°	DC 180mA
8W	6.5W	90	634lm	3000K	17°	DC 180mA
8W	6.5W	90	627lm	3000K	24°	DC 180mA
8W	6.5W	90	618lm	3000K	33°	DC 180mA
8W	6.5W	90	658lm	3000K	40°	DC 180mA

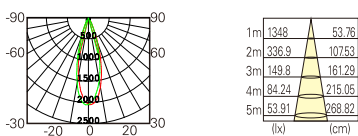
17° 8W / 3000K / Ra80



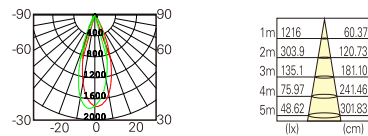
24° 8W / 3000K / Ra80



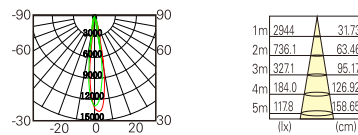
33° 8W / 3000K / Ra80



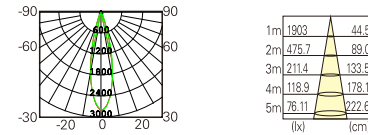
40° 8W / 3000K / Ra80



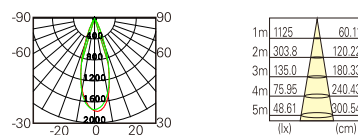
17° 8W / 3000K / Ra90



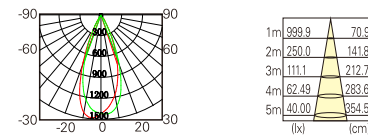
24° 8W / 3000K / Ra90



33° 8W / 3000K / Ra90



40° 8W / 3000K / Ra90

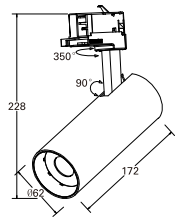


Detailed parameters please refer to products specification



- Matt White
- Silver
- Matt Black

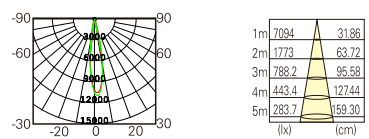
- 17°
- 24°
- 33°
- 40°



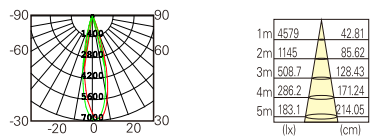
SW-TL15-053

Luminaire Power	LED Power	CRI	Flux	CCT	Beam	Driver Current
15W	12.6W	80	1455lm	3000K	17°	DC 350mA
15W	12.6W	80	1462lm	3000K	24°	DC 350mA
15W	12.6W	80	1518lm	3000K	33°	DC 350mA
15W	12.6W	80	1414lm	3000K	40°	DC 350mA
15W	12.6W	90	1196lm	3000K	17°	DC 350mA
15W	12.6W	90	1199lm	3000K	24°	DC 350mA
15W	12.6W	90	1250lm	3000K	33°	DC 350mA
15W	12.6W	90	1180lm	3000K	40°	DC 350mA

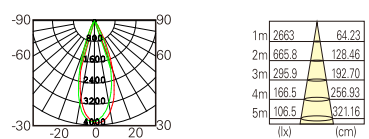
15° 15W / 3000K / Ra80



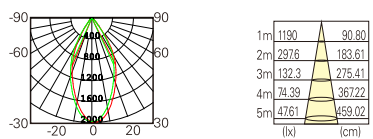
24° 15W / 3000K / RA80



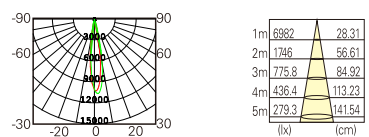
36° 15W / 3000K / Ra80



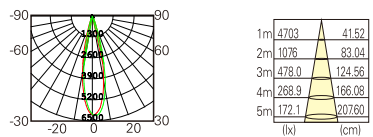
50° 15W / 3000K / Ra80



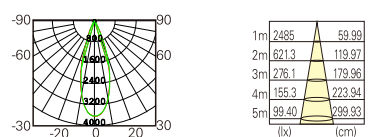
15° 15W / 3000K / Ra90



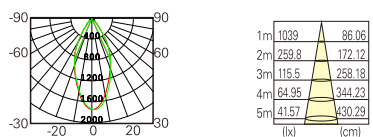
24° 15W / 3000K / Ra90



36° 15W / 3000K / Ra90



50° 15W / 3000K / Ra90

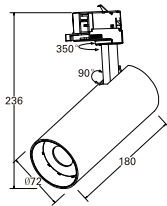


Detailed parameters please refer to products specification



- Matt White
- Silver
- Matt Black

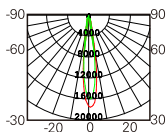
- 15°
- 27°
- 31°
- 55°



SW-TL24-054

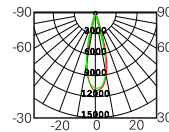
Luminaire Power	LED Power	CRI	Flux	CCT	Beam	Driver Current
24W	21.6W	80	2279lm	3000K	15°	DC 600mA
24W	21.6W	80	2457lm	3000K	27°	DC 600mA
24W	21.6W	80	2644lm	3000K	31°	DC 600mA
24W	21.6W	80	2241lm	3000K	55°	DC 600mA
24W	21.6W	90	1198lm	3000K	15°	DC 600mA
24W	21.6W	90	2105lm	3000K	27°	DC 600mA
24W	21.6W	90	2244lm	3000K	31°	DC 600mA
24W	21.6W	90	1935m	3000K	55°	DC 600mA

15° 24W / 3000K / Ra80



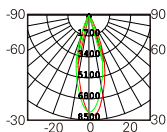
1m	1192.7	24.98
2m	2982	49.97
3m	1325	74.95
4m	745.5	99.94
5m	477.1	124.92

27° 24W / 3000K / Ra80



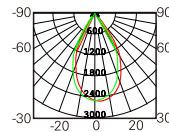
1m	765.4	46.66
2m	1914	93.73
3m	850.5	140.59
4m	478.4	187.45
5m	306.2	234.32

31° 24W / 3000K / Ra80



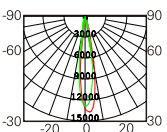
1m	515.1	54.89
2m	1288	109.78
3m	572.4	164.68
4m	321.9	219.57
5m	206.0	274.46

55° 24W / 3000K / Ra80



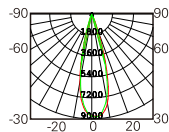
1m	1506	109.18
2m	376.5	218.35
3m	167.3	327.53
4m	94.13	436.70
5m	60.24	545.88

15° 24W / 3000K / Ra90



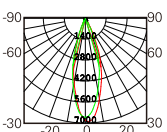
1m	887.1	28.22
2m	2218	56.43
3m	985.7	84.65
4m	554.4	112.86
5m	354.8	141.08

27° 24W / 3000K / Ra90



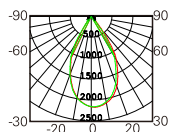
1m	6370	48.06
2m	1592	96.12
3m	707.7	144.18
4m	398.1	192.24
5m	254.8	240.30

31° 24W / 3000K / Ra90



1m	4375	53.89
2m	1094	107.79
3m	496.1	161.68
4m	273.4	215.58
5m	175.0	269.47

55° 24W / 3000K / Ra90



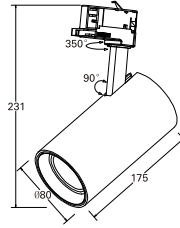
1m	1301	108.43
2m	325.2	216.86
3m	144.5	325.29
4m	81.29	433.71
5m	52.03	542.14

Detailed parameters please refer to products specification



- Matt White
- Silver
- Matt Black

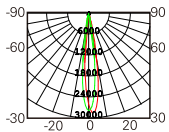
- 15°
- 24°
- 36°
- 60°



SW-TL28-055

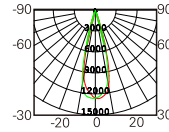
Luminaire Power	LED Power	CRI	Flux	CCT	Beam	Driver Current
28W	25.2W	80	2847lm	3000K	15°	DC 700mA
28W	25.2W	80	2957lm	3000K	24°	DC 700mA
28W	25.2W	80	2825lm	3000K	36°	DC 700mA
28W	25.2W	80	2685lm	3000K	60°	DC 700mA
28W	25.2W	90	2203lm	3000K	15°	DC 700mA
28W	25.2W	90	2486lm	3000K	24°	DC 700mA
28W	25.2W	90	2351lm	3000K	36°	DC 700mA
28W	25.2W	90	2322m	3000K	60°	DC 700mA

15° 28W / 3000K / Ra80



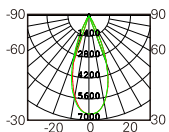
1m	18616	25.14
2m	4654	50.29
3m	2064	75.43
4m	1163	100.58
5m	744.6	125.72

24° 28W / 3000K / Ra80



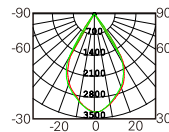
1m	9622	49.67
2m	2405	99.34
3m	1069	149.01
4m	601.4	198.68
5m	384.9	248.35

36° 28W / 3000K / Ra80



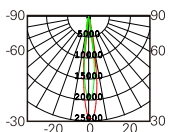
1m	4453	70.94
2m	1113	141.87
3m	494.8	212.81
4m	278.3	283.74
5m	178.1	354.68

60° 28W / 3000K / Ra80



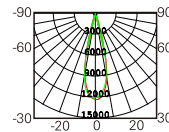
1m	1938	119.15
2m	484.6	238.30
3m	215.4	357.44
4m	121.2	476.59
5m	77.54	595.74

15° 28W / 3000K / Ra90



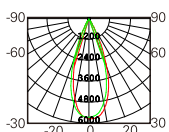
1m	17303	20.50
2m	4326	40.99
3m	1923	61.49
4m	1081	81.99
5m	692.1	102.48

24° 28W / 3000K / Ra90



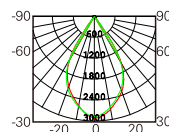
1m	9110	45.49
2m	2278	90.97
3m	1012	136.46
4m	569.4	181.94
5m	364.4	227.43

36° 28W / 3000K / Ra90



1m	3956	68.68
2m	989.1	137.37
3m	439.6	206.05
4m	247.3	274.73
5m	158.3	343.41

60° 28W / 3000K / Ra90



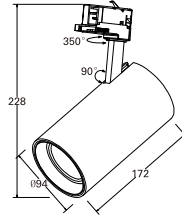
1m	1672	116.52
2m	418.1	233.03
3m	185.8	349.55
4m	104.5	466.06
5m	66.89	582.58

Detailed parameters please refer to products specification



- Matt White
- Silver
- Matt Black

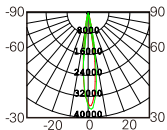
- 15°
- 24°
- 40°
- 55°



SW-TL32-056

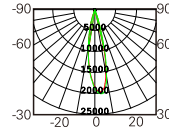
Luminaire Power	LED Power	CRI	Flux	CCT	Beam	Driver Current
32W	28.8W	80	3351lm	3000K	15°	DC 800mA
32W	28.8W	80	3485lm	3000K	24°	DC 800mA
32W	28.8W	80	3485lm	3000K	40°	DC 800mA
32W	28.8W	80	3038lm	3000K	55°	DC 800mA
32W	28.8W	90	2577lm	3000K	15°	DC 800mA
32W	28.8W	90	2456lm	3000K	24°	DC 800mA
32W	28.8W	90	2667lm	3000K	40°	DC 800mA
32W	28.8W	90	2353m	3000K	55°	DC 800mA

15° 32W / 3000K / Ra80



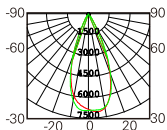
1m	24418	25.43
2m	6105	50.86
3m	2713	76.28
4m	1526	101.71
5m	976.7	127.14

24° 32W / 3000K / Ra80



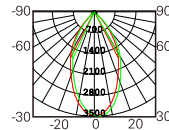
1m	13760	39.97
2m	3440	79.94
3m	1529	119.91
4m	860.0	159.88
5m	550.4	199.85

40° 32W / 3000K / Ra80



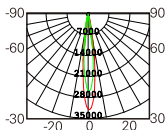
1m	4926	76.55
2m	1232	153.09
3m	5474	229.64
4m	3079	306.19
5m	1971	382.74

55° 32W / 3000K / Ra80



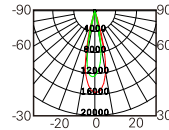
1m	2009	102.94
2m	500.7	205.88
3m	222.5	308.82
4m	125.2	411.76
5m	80.10	514.70

15° 32W / 3000K / Ra90



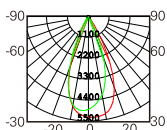
1m	22453	19.88
2m	5613	39.76
3m	2496	59.64
4m	1403	79.52
5m	898.1	99.40

24° 32W / 3000K / Ra90



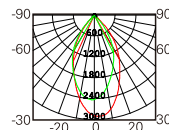
1m	11541	34.26
2m	2885	68.51
3m	1282	102.77
4m	721.3	137.02
5m	461.6	171.28

40° 32W / 3000K / Ra90



1m	3784	72.28
2m	946.0	144.55
3m	420.5	216.83
4m	236.5	289.10
5m	151.4	361.38

55° 32W / 3000K / Ra90



1m	1710	90.02
2m	427.6	180.03
3m	190.0	270.05
4m	106.9	360.06
5m	68.41	450.08

Detailed parameters please refer to products specification