

**TREK 12W LED TRACK SPOT, 4000K**

This really attractive LED track spot is designed to replace traditional metal halide fittings. Without the buzzing or humming often associated with MH these fittings are suited to the home, commercial, retail or entertainment venue applications and will make substantial energy and maintenance cost savings to reduce the buildings carbon footprint



**Applications:**

- Museum displays
- Bedrooms
- Shop window and Gondola displays
- Restaurants
- Hotels & pubs
- Showrooms
- Entertainment venues
- Hairdressers & salons

**Construction:**

Powder coated aluminium housing  
 Polycarbonate lens, silver reflector and cover  
 Polycarbonate Mechanical/Electrical track adapter  
 FR-4 laminate PCB

**Features:**

- Contemporary design die-cast aluminium main body with integrated heat sink fins
- Compatible with Robus and many other single circuit tracks
- Adjustable head with large horizontal and vertical rotation
- High quality CITIZEN ELECTRONICS COB LED
- High quality driver
- Solid state technology
- Timeclock, microwave, PIR and/or photocell switchable
- Neutral white colour temperature of 4,000 Kelvin with high CRI of 80
- No ultra-violet or infra-red emitted in the light beam
- Wide operating temperature range

**Benefits:**

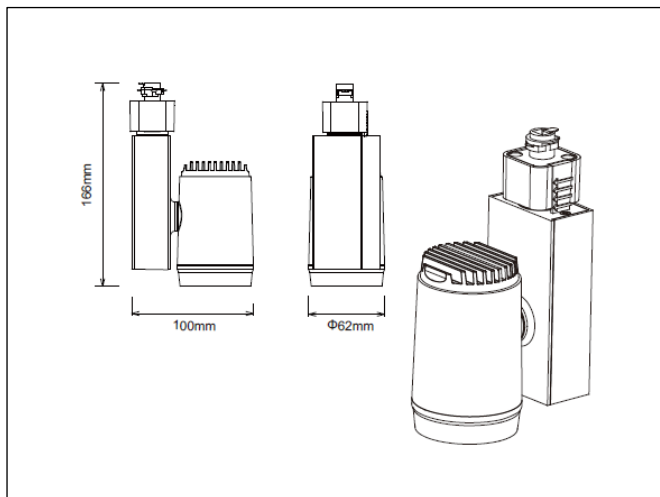
- Modern looking attractive aesthetic
- Quality feel and finish
- Provides excellent heat dissipation for the LED's for longer life
- This stylish spot can run alongside other manufacturers fittings
- Fitting can quick and easily moved to another track position
- The fitting can be aimed at specific areas or display items
- The items to be illuminated aren't required to be immediately below the fitting
- Direction of light can quickly and easily be changed to accommodate change of display position
- Exceptional lumen output with little depreciation over time
- Stable colour temperature without colour shift
- Low power consumption
- High efficacy
- Long rated LED life
- Provides stable drive current for optimum LED performance and long life
- Rugged with long life
- No heat filaments or electrodes to prematurely fail through vibration & hot to cold temperature variations
- Provides energy savings when lighting not required e.g. shop window after midnight
- Instant on/off to illuminate exhibit items when people detected
- Combination of neutral CCT and high CRI provide a clear discerning quality of light
- Will not fade or damage sensitive display materials
- Ideal where displays are kept at low temperature to avoid materials drying out

## TRACKS & PROJECTOR

# ROBUS®

### TREK 12W LED TRACK SPOT, 4000K

Product Code:	White: Black:	RTK1240-01 RTK1240-04
Comparable to:	25W metal halide	
Total Power (W):	10.9	
Total Light Output (lm):	1,150	
Efficacy (lm / cctW):	106	
Rated Life (hrs):	30,000	
Warranty (yrs):	3	
Illuminance at 1m (Lux):	2,630	
Beam Angle (deg):	38	
CCT (K):	4,000	
CRI (Ra):	80	
Ingress Protection (IP):	20	
Operating Temperature (°C):	-20 ≤ Ta ≤ +40	
Power Factor (PF):	0.95	
Horizontal plane rotation (Deg):	350	
Vertical plane rotation (Deg):	180	
Height (mm):	166	
Length (mm):	100	
Width (mm):	62	
Box Qty:	1	



#### Accessories:

R1T-XX	1M TRACK, 16A
R2T-XX	2M TRACK, 16A
R3T-XX	3M TRACK, 16A
RC-XX	TRACK COUPLER
RL-XX	TRACK L JOINER
RT-XX	TRACK T JOINER
RLE-XX	TRACK LIVE END

**Note: Replace XX above with 01 for white or 04 for black**

#### Standards & Approvals:

Complies with: EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 60598-1, EN 60598-2-1, EN 62031, EN 62493

#### Cone Illuminance Diagram:

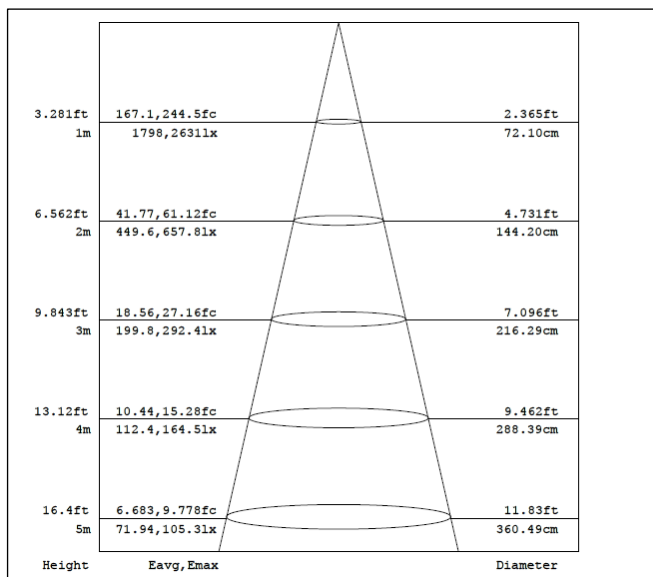
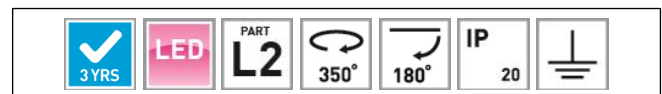


Diagram for RTK1240-xx in 4,000K. Other diagrams available on request



#### Polar Intensity Diagram:

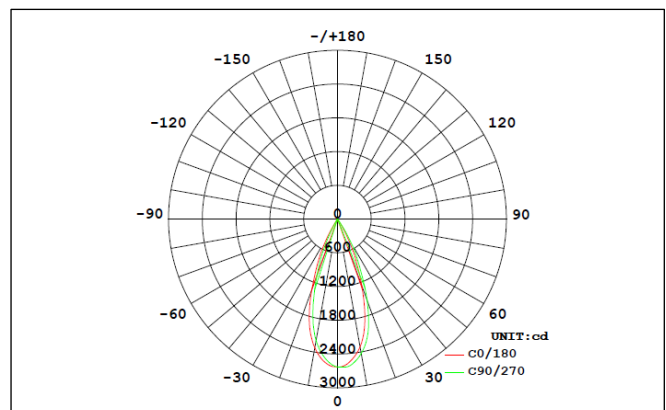


Diagram for RTK1240-xx in 4,000K. Other diagrams available on request