Trackline

| IP66 | IK16 (150J) | | Bollards | Class I | HT40°C | TM65/66 |

Transport

Trackline is a vandal resistant bollard specifically designed for railway sidings.

Standard Colours

Matt Titanium

▪ Product Information

Trackline's specially sourced optics ensure zero upward light and wide beam distribution. There is a double insulated control gear to protect against internal faults. Easily maintained through access hatch and removeable gear tray in head. Trackline complies with London Underground and Network Rail uniformity and illuminance specifications.

Trackline's spacings are up to 11.6 metres (1200mm version at 0.1 uniformity), with a provision for the Mounting of 16mm² earth cable, if installed into OLE or third rail applications. Horizontal load tested up to 1.5kN/m.

Application includes railway sidings.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using TM66 and measure embodied carbon (kgCO e) in accordance with TM65.2.

Impact Resistance Rating: IK16 (150J). What is IK Rating?

Ingress Protection Rating: IP66 (applies to head only). What is IP Rating?

Housing: Extruded aluminium body with zinc coated steel head.

Paint: Polyester powder coat. All Colour Options Available Here.

Diffuser: Clear polycarbonate

Driver: Integral electronic control gear. Supplied with plywood board for mounting of junction box or fused cutout.

Mounting: Internal baseplate.

Cable Entry: Provision for SWA cable entry in base.

Design Life: 30+ years. What is Design Life?

Uniformity and Spacings

Output (lms)	Height (mm)	Lux level	Uniformity	Spacing (m)
345	1000	10	0.13	8.6
345	1000	11.2	0.25	7
633	1200	11.1	0.1	11.6
633	1200	16.6	0.25	8.3

For lighting calculations utilising the double-sided Trackline version, please use 2 x single Trackline LDT files back-to-back.

Technical Information

1000mm 280mm

Trackline	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
TRK-1000-350N-MT	345	4.5	76	4000
Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**	
15.5	CRI>80	40	$L_{80}B_{10}>100,000h$	
Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**	
100,000	D	379	-	
Dimensions				
280mm x 175mm (Single head), 410mm x 175mm (Double head)				

1200mm 280mm

Trackline	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
TRK-1200-350N-MT	345	4.5	76	4000
Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**	
16.5	CRI>80	40	$L_{80}B_{10}>100,000h$	
Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**	
100,000	D	379	-	
Dimensions				
280mm x 175mm (Single head), 410mm x 175mm (Double head)				
TRK-1200-630N-MT	633	8.4	76	4000
Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**	
16.5	CRI>80	40	$L_{80}B_{10}>100,000h$	
Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**	
100,000	D	379	-	
Dimensions				
280mm x 175mm (Single head), 410mm x 175mm (Double head)				

1000mm Double-headed 410mm

Trackline	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
TRKD-1000-700N-MT	713	9.5	75	4000
Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**	
16	CRI>80	-	$L_{80}B_{10}>100,000h$	
Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**	
100,000	D	183	-	
Dimensions				
280mm x 175mm (Single head), 410mm x 175mm (Double head)				

1200mm Double-headed 410mm

Trackline	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
TRKD-1200-700N-MT	713	9.5	75	4000
Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**	
17	CRI>80	-	$L_{80}B_{10}>100,000h$	
Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**	
100,000	D	183	-	
Dimensions				
280mm x 175mm (Single head), 410mm x 175mm (Double head)				

▪ Fitting Options

Base Plate with External Earth Stud	-B1
Maintained Emergency 3 Hour, Self Test	-ES
Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Matt Titanium	-MT
DALI-2 Dimming / Monitoring	-DA

• HT Applies for standard version. For any options (e.g. -E3), please contact technical sales on +44 (0)20 8254 2022 or email technical@designplan.co.uk.
• For lighting calculations utilising the double-headed Trackline version, please use 2 x single Trackline LDT files back-to-back. Emergency output refers to output of each head.
• For Root mounting bracket, please order TRK-ROOT.

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LIGHTING

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