lighting solutions



MIRA Spot Lights











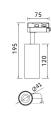


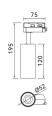


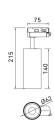




TRACK MOUNT







Product Specifications

Product Name:	Mira.TR.41	Mira.TR.52	Mira.TR.62
Power Consumption:	Up to 6W	Up to 15W	Up to 25W
Total luminous flux:	Up to 840lm	Up to 1275lm	Up to 2250lm
Dimensions:	Refer to drawing	Refer to drawing	Refer to drawing
Beam Angle:	15°, 24°, 36°, 50°	10°,15°, 24°, 36°, 50°	10°,15°, 24°, 36°, 50°

General Specifications

Fixture Material:	Aluminium	
Trim Finish:	Black, White, Custom	
Mounting:	Track	
LED Type:	Citizen COB	
Binning:	3 Step MacAdam	
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K	
Colour Rendering Index:	>90	
R9 Value:	>50	
Optical Accessories:	Honeycomb, Frosted Glass	
Light Distribution:	Symmetric	
Ambient Operating Temperature:	-25° to 50°	
Driver Input Voltage:	220-240VAC 50-60Hz	
Control Gear:	TCI or Equivalent	
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi	
Protection Class:	Class II	
Lumen Maintenance:	L80 B10 60,000 Hours	
IP Rating:	IP20	
Warranty:	7 Years	

Lumen values are based on CRI90 at CCT 4000K All product specifications and data are subject to change without notice

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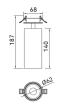




RECESSED







Product Specifications

Product Name:	Mira.REC.42	Mira.REC.52	Mira.REC.62
Power Consumption:	Up to 6W	Up to 15W	Up to 25W
Total luminous flux:	Up to 840lm	Up to 1275lm	Up to 2250lm
Dimensions:	Refer to drawing	Refer to drawing	Refer to drawing
Cut-out:	45mm	55mm	55mm
Beam Angle:	15°, 24°, 36°, 50°	10°,15°, 24°, 36°, 50°	10°,15°, 24°, 36°, 50°

General Specifications

Fixture Material:	Aluminium	
Trim Finish:	Black, White, Custom	
Mounting:	Recessed	
LED Type:	Citizen COB	
Binning:	3 Step MacAdam	
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K	
Colour Rendering Index:	>90	
R9 Value:	>50	
Optical Accessories:	Honeycomb, Frosted Glass	
Light Distribution:	Symmetric	
Ambient Operating Temperature:	-25° to 50°	
Driver Input Voltage:	220-240VAC 50-60Hz	
Control Gear:	TCI or Equivalent	
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi	
Protection Class:	Class II	
Lumen Maintenance:	L80 B10 60,000 Hours	
IP Rating:	IP20	
Warranty:	7 Years	

Lumen values are based on CRI90 at CCT 4000K All product specifications and data are subject to change without notice



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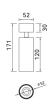


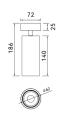




SURFACE







Product Specifications

Product Name:	Mira.SM.41	Mira.SM.52	Mira.SM.62
Power Consumption:	Up to 6W	Up to 15W	Up to 25W
Total luminous flux:	Up to 840lm	Up to 1275lm	Up to 2250lm
Dimensions:	Refer to drawing	Refer to drawing	Refer to drawing
Beam Angle:	15°, 24°, 36°, 50°	10°,15°, 24°, 36°, 50°	10°,15°, 24°, 36°, 50°

General Specifications

Fixture Material:	Aluminium	
Trim Finish:	Black, White, Custom	
Mounting:	Surface Mount	
LED Type:	Citizen COB	
Binning:	3 Step MacAdam	
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K	
Colour Rendering Index:	>90	
R9 Value:	>50	
Optical Accessories:	Honeycomb, Frosted Glass	
Light Distribution:	Symmetric	
Ambient Operating Temperature:	-25° to 50°	
Driver Input Voltage:	220-240VAC 50-60Hz	
Control Gear:	TCI or Equivalent	
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi	
Protection Class:	Class II	
Lumen Maintenance:	L80 B10 60,000 Hours	
IP Rating:	IP20	
Warranty:	7 Years	

Lumen values are based on CRI90 at CCT 4000K All product specifications and data are subject to change without notice



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Colour Rendering Index

The Color Rendering Index (CRI) serves as a metric to gauge how accurately a light source portrays the colors of various objects in a given space. Originally comprised of 8 sample colors, the CRI has expanded to 15 samples to provide a more comprehensive evaluation. Notably, within these samples, R9 to R15 focus on assessing special colors with high chroma. Specifically, R9 evaluates the rendering of red tones, while R15 is dedicated to evaluating the portrayal of skin tones. This extension of color samples, coupled with attention to high-chroma colors, enhances the precision in evaluating a light source's ability to faithfully reproduce a diverse range of colors.

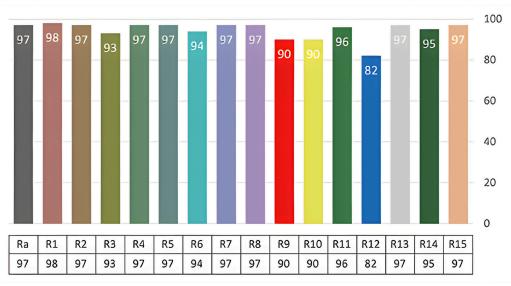
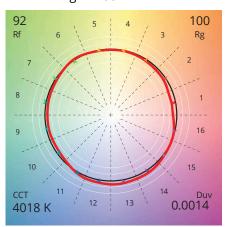


Fig 1 - Colour Rendering Index 4000K, CRI > 95

TM30 Rf 92 Rg 100



IES TM-30

TM-30 is the Illuminating Engineering Society (IES) Method for Evaluating Light Source Color Rendition, is a standard developed by the IES to assess the color rendering properties of light sources. It provides a comprehensive set of metrics and values that go beyond the traditional color rendering index (CRI), offering a more detailed and accurate understanding of how well a light source renders colors.

Fig 2 -Colour Vector Graphic 4000K, CRI >90