

## Mitron white

Mitron track spotlight is an adjustable LED spot for universal 3-phase mains tracks. The spot is 355° adjustable over the horizontal and vertical axis. The gearbox contains an efficient electronic driver with power factor correction. Mitron delivers warm white light with an excellent colour rendering index. The spot units are equipped with an internal Jordan Alunova® reflector with spherical facets. These reflectors available in 17°, 24° or 40° are finished with a Vapor Layer Deposited reflection layer with increased light output ratio's. The spots are finished in a matt white or matt black paint with a matt black anodised heatsink. The opal ring that is positioned around the reflector provides a decorative effect. This ring is also available in various colours upon request, this can be used to implement corporate design colours into the spot. With a light output up to 3600lm, Mitron is an efficient solution for replacing conventional Metal Halide luminaires in showrooms, retail projects, museums etc.

Design: Philip Feenstra, 2010



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**General information**

Luminaire type	LED Track spotlight
Color	Matt white*
Diffuser	N/A
Reflector	17°/24°/40° metallized with spherical facets
Driver	Integrated
Dimmable	Optional DALI, 1-10V
Lighting control system	Upon request
Air extraction	N/A
Emergency lighting	N/A
Operating temperature	-20°C / +40°C

**Initial lighting performance**

Color temperature (K)	3000/4000*
Gross flux (lm)	2200-3600*
System power (W)	16/22/29/30*
Efficacy (lm/W)	91-132
Light output ratio (%)	91-92
Color rendering (CRI)	>80/>95*
Glare (UGR)	N/A
Color consistency (SDCM)	2
Expected lifetime	L80B10@50,000h

**Mechanical properties**

Housing material	Aluminium, steel
Optic material	Aluminium
IP class	IP20
IK class	N/A
Dimensions (mm)	282x182x100
Cutting dimensions (mm)	N/A
Packaging dimensions (mm)	360x210x180
Weight (kg)	1.6

**Electrical characteristics**

Voltage / Frequency	220-240V*, 50/60Hz
Connector	3-phase rail adapter*
Power factor	>0,9
Appliance class	Class II



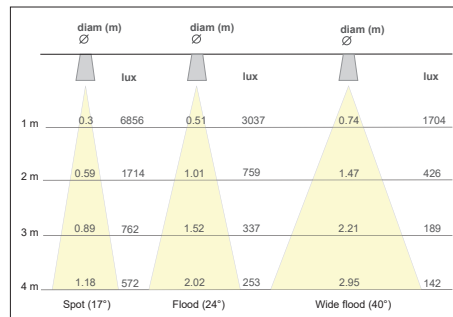
Spot (17°)



Flood (24°)



Wide flood (40°)



**Warranty**

5 years  
following Atomis  
warranty policy 2015

\* = other options upon request

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code	W	lm	K	reflector	CRI
41035.30-6	16	2200	3000	17°	>80
41035.40-6	16	2200	4000	17°	>80
41036.30-6	16	2200	3000	24°	>80
41036.40-6	16	2200	4000	24°	>80
41037.30-6	16	2200	3000	40°	>80
41037.40-6	16	2200	4000	40°	>80
41038.30-6	22	2900	3000	17°	>80
41038.40-6	22	2900	4000	17°	>80
41039.30-6	22	2900	3000	24°	>80
41039.40-6	22	2900	4000	24°	>80
41040.30-6	22	2900	3000	40°	>80
41040.40-6	22	2900	4000	40°	>80
41044.30-6	29	3600	3000	17°	>80
41044.40-6	29	3600	4000	17°	>80
41045.30-6	29	3600	3000	24°	>80
41045.40-6	29	3600	4000	24°	>80
41046.30-6	29	3600	3000	40°	>80
41046.40-6	29	3600	4000	40°	>80
41041.30-6	30	2800	3000	17°	>95
41041.40-6	30	2800	4000	17°	>95
41042.30-6	30	2800	3000	24°	>95
41042.40-6	30	2800	4000	24°	>95
41043.30-6	30	2800	3000	40°	>95
41043.40-6	30	2800	4000	40°	>95

