

Mere
High Power COB

WTK-36S | WHK-36S | MO-N36S | MO-R36S

Fixture Type:

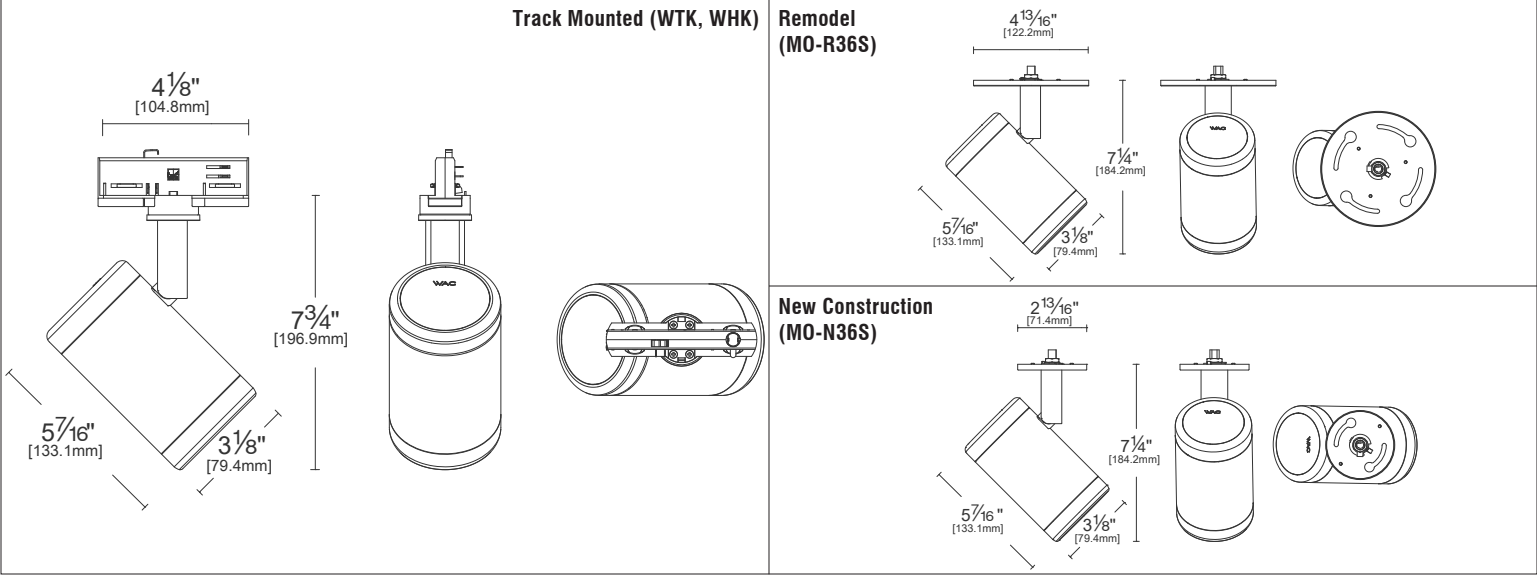
Project:

Catalog#:

Location:



LINE DRAWING



PRODUCT DESCRIPTION

Smarter, more flexible, and more versatile MERE track and monopoint lighting. MERE offers a wide range of optical configurations, color temperatures, accessories, and even a DIY intelligent control module.

SPECIFICATIONS

Construction:	Injection molded polycarbonate low glare trim
Mounting:	Track mounted (WTK, WHK); ceiling mounted (MO) Ceiling cut out: Ø4 1/4" (MO-N (Spackle Plate), MO-R) Ø2 1/4" (MO-N (Non-Spackle Plate)) Accommodates 1/2" - 2" ceiling thickness
Light Source:	High output 3-step Mac Adam Ellipse COB Rated life of 50,000 hours at L70
Input:	120 VAC (WTK), 277 VAC (WHK), 120-277 VAC (MO)
Power:	10W (V beam only), 21W
Dimming:	Track (120V only): ELV, TRIAC : 100 - 1% Monopoint (120-277 VAC): ELV, TRIAC, 0-10V: 100 - 1%
Operating Temperature:	-4°F to 104°F (-20°C to 40°C)
Standards:	UL & cUL
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



FINISHES



Model	Beam	Wattage	Lumens Ref Output*	CBCP	Color Temp	CRI
WTK-36S WHK-36S MO-N36S MO-R36S	V 9°	10W	672	14,489	927 - 2700K 930 - 3000K 935 - 3500K 940 - 4000K	90
	S 12°	21W	1,785	26,161		
	N 19°	21W	1,817	13,794		
	M 30°	21W	1,741	5,615		
	F 48°	21W	1,413	2,003		
	A Asym	21W	1,437	3,194		

Lumens and CBCP are reference values for fixtures set to 3000K Color Temperature. Refer to Multiplier Table in Performance Data to determine other outputs.



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ORDERING INFORMATION

CONFIGURATION TABLE			
Model & Power	Beam Angle	Color Temperature & CRI	Housing Finish
WTK-36S (120V)	V - Very Narrow	927 - 2700K - 90	BK - BLACK
WHK-36S (277V)	S - Spot	930 - 3000K - 90	WT - WHITE
MO-N36S (120-277V)	N - Narrow Flood	935 - 3500K - 90	
MO-R36S (120-277V)	M - Medium Flood	940 - 4000K - 90	
	W - Wide Flood		
	A - Asymmetric (Wall Wash)		

W_K-36S-_____

Example: WTK-36S-S930WT

MO-_36S-_____

Example: MO-N36S-M930BK

ACCESSORIES	
ACC-LENS-A-36S	WALL WASH LENS 36S
ACC-LENS-EE-36S	ELONGATING BEAM LENS 36S
ACC-LENS-SS-36S	DIFFUSOR LIGHT 36S
ACC-LENS-MM-36S	DIFFUSOR MEDIUM 36S
ACC-LENS-LL-36S	DIFFUSOR HEAVY 36S
ACC-LENS-SQ-36S	SQUARE BEAM LENS 36S
ACC-LENS-S-36S	SPOT BEAM LENS 36S
ACC-LENS-N-36S	NARROW FLOOD BEAM LENS 36S
ACC-LENS-M-36S	MEDIUM FLOOD BEAM LENS 36S
ACC-LENS-F-36S	FLOOD BEAM LENS 36S
ACC-SNT-36S-BK	SNOOT 36S BLACK
ACC-SNT-36S-WT	SNOOT 36S WHITE
ACC-HCL-36S	HONEYCOMB 36S
ACC-BD-36S-BK	BARN DOOR 36S BLACK
ACC-BD-36S-WT	BARN DOOR 36S WHITE

ORDERING NOTES	
1.	The WTK-36S fixture is 120V and the WHK-36S fixture is 277V. Both fixtures are track mounted.
2.	The MO-N36S fixture is a ceiling mounted monopoint fixture for New Construction installations. The MO-R36S fixture is a ceiling mounted monopoint fixture for Remodel installations.

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FEATURES

Optics: • Fixture features adjustabilities of 0-360° horizontally and 0-90° vertically • Optical accessories feature toolless installation and removal	Construction: • Die-cast aluminum body
LED: • High output COB LED with a 3-step Mac Adam ellipse • Rated operational life of 50,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 50,000 hours of use.)	Trim and Reflector: • Six beam angles are available: Very Narrow, Spot, Narrow Flood, Medium Flood, Flood, and Asymmetric (Wall Wash)
Electrical: • Input power is 120 VAC (WTK), 277 VAC (WHK), 120-277 VAC (MO) • Available at 10W (V beam only) and 21W	Installation: • Suitable for W track systems
Dimming: • Electronic low voltage (ELV), TRIAC, and 0-10V dimming available • ELV, TRIAC, and 0-10V dimming is capable of a range of 100 - 1%	Warranty: • WAC Architectural limited warranty up to 5 years • Full warranty found at: waclighting.com/warranty
Notes: • The White and Black finishes for the body are electrostatically powder coated	

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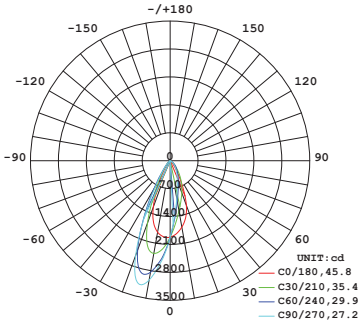
Location:

PERFORMANCE DATA

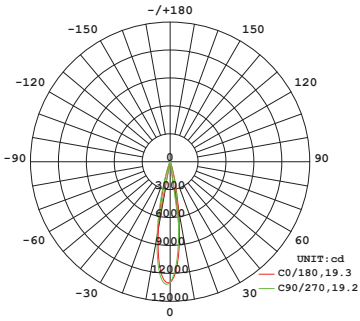
Polar Candela Distribution Charts

Samples shown with a 16W fixture set to 3000K.

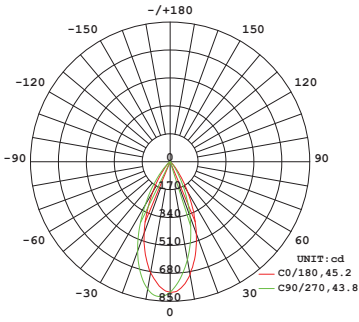
Wall Wash Beam: Asymmetric



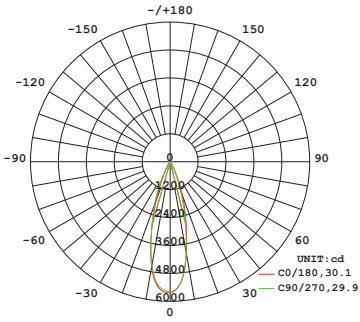
Narrow Flood Beam: 19° Beam



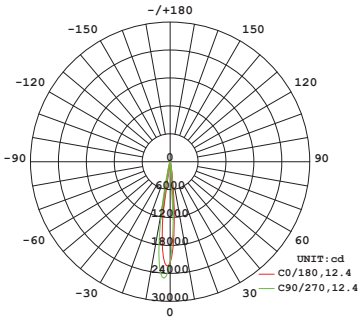
Very Narrow Beam: 9° Beam



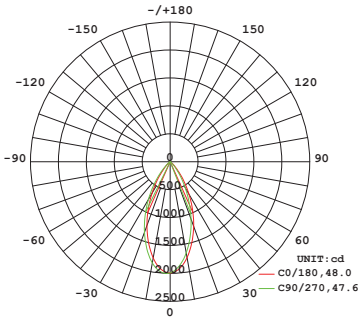
Medium Flood Beam: 30° Beam



Spot Beam: 12° Beam



Flood Beam: 48° Beam



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PERFORMANCE DATA

Unified Glare Rating (UGR) Table

General performance of fixtures at 3000K and 90 CRI shown below.

Round Fixture	Angle	UGR Range
Wall Wash	Asymmetric	≤21
Very Narrow	9°	≤18
Spot	12°	≤13
Narrow Flood	19°	≤10
Medium Flood	30°	≤14
Wide Flood	48°	≤23

Lumens and CBCP Multiplier Table

Use the below table to determine lumens and CBCP values for the combinations of power, color temperature, and CRI values.

Color Temperature			
2700K	3000K	3500K	4000K
0.93	1.00	1.07	1.14

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DIMENSIONAL DIAGRAMS



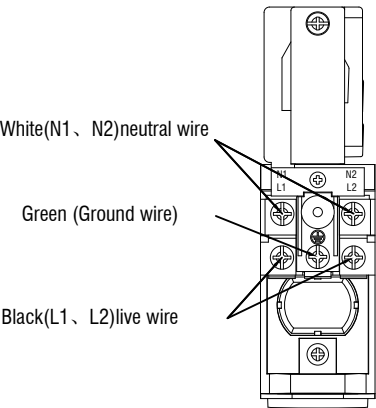
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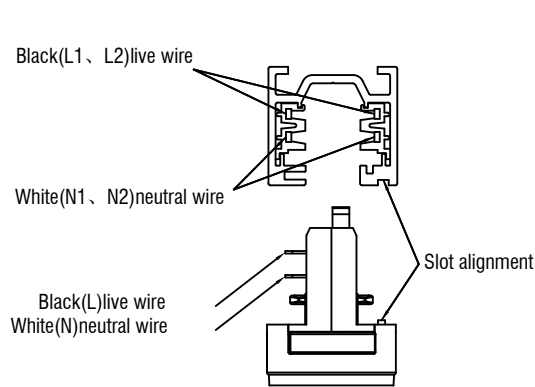
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WIRING DIAGRAM

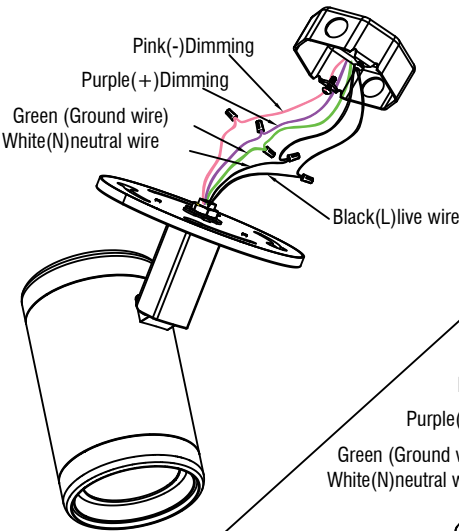
Schematic diagram of track inlet power connection.



Reference diagram for track and track connector circuit.



REMODEL



NEW CONSTRUCTION

