WAC ARCHITECTURAL

Swallow III

High Power COB

WTK-43H | WHK-43H | MO-N43H | MO-R43H

Fixture Type: _____

Project: _____

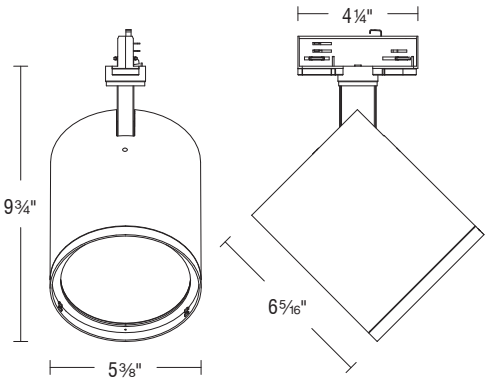
Catalog#: _____

Location: _____

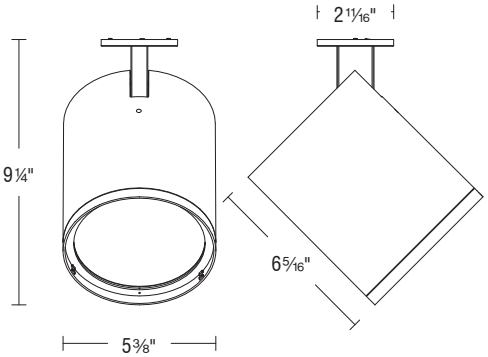


LINE DRAWING

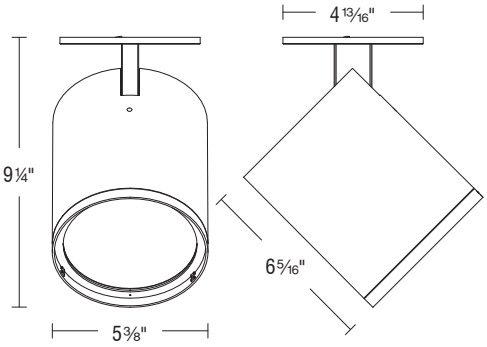
Track Mounted (WTK, WHK)



New Construction (MO-N43H)



Remodel (MO-R43H)



PRODUCT DESCRIPTION

Designed for W two-circuit track systems, the Swallow III features a sleek, refined appearance with a die-cast aluminum housing and a concealed heat sink for a clean, modern look. It utilizes a high-performance COB LED module, offering multiple standard CCT options and excellent color rendering. A variety of beam angles are available, and interchangeable accessories can be easily replaced by hand to create different lighting effects.

SPECIFICATIONS

Construction:	Die-cast aluminum alloy body
Mounting:	Track mounted
Light Source:	High output 3-step Mac Adam Ellipse Rated life of 50,000 hours at L70
Input:	Universal 120-277V AC, 50/60 Hz
Dimming:	ELV, TRIAC, and 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		Lumens Ref Output	CBCP*	Efficacy (lm/W)	Color Temp
43H	Ø136.5mm Ø5⅜"	V	8°	1,769	53,025	82	927-2700K
		S	18°	3,821	26,899	109	
		N	24°	3,728	16,504	106	930-3000K
		M	35°	3,433	7,839	98	935-3500K
		W	55°	3,627	3,985	103	940-4000K
		A	Asym	3,002	6,256	86	

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

c UL us LISTED

WAC Group Headquarters
44 Harbor Park Drive
Port Washington, NY 11050

WAC Lighting
Phone (800) 526.2588
Fax (800) 526.2585

WAC GROUP

WAC Group retains the right to modify the design of our products at any time as part of the company's continuous improvement program.

Swallow III

High Power COB

WTK-43H | WHK-43H | MO-N43H | MO-R43H

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

ORDERING INFORMATION

CONFIGURATION TABLE

Model & Power	Beam Angle	Color Temperature & CRI	Housing Finish
WTK-43H (120V)	**V** - Very Narrow	**927** - 2700K - 90	**BK** - BLACK
WHK-43H (277V)	**S** - Spot	**930** - 3000K - 90	**WT** - WHITE
MO-N43H (120-277V)	**N** - Narrow Flood	**935** - 3500K - 90	
MO-R43H (120-277V)	**M** - Medium Flood	**940** - 4000K - 90	
	W - Wide Flood		
	A - Asymmetric (Wall Wash)		

W_K-43H-_____

Example: WTK-43H-S930WT

MO-_43H-_____

Example: MO-N43H-M930BK

ACCESSORIES

LENS-43H-VWT	*TL43H 0D LENS MODULE WT*
LENS-43H-VBK	*TL43H 0D LENS MODULE B*
LENS-43H-SWT	*TL43H 15D DIFFUSION LENS MODULE WT*
LENS-43H-SBK	*TL43H 15D DIFFUSION LENS MODULE BK*
LENS-43H-NWT	*TL43H 24D DIFFUSION LENS MODULE WT*
LENS-43H-NBK	*TL43H 24D DIFFUSION LENS MODULE BK*
LENS-43H-MWT	*TL43H 36D DIFFUSION LENS MODULE WT*
LENS-43H-MBK	*TL43H 36D DIFFUSION LENS MODULE BK*
LENS-43H-WWT	*TL43H 55D DIFFUSION LENS MODULE WT*
LENS-43H-WBK	*TL43H 55D DIFFUSION LENS MODULE BK*
LENS-43H-HWT	*TL43H INTEGRAL HONEYCOMB MODULE WT*
LENS-43H-HBK	*TL43H INTEGRAL HONEYCOMB MODULE WT*
LENS-43H-AWT	*TL43H WALL WASHING LENS MODULE WT*
LENS-43H-ABK	*TL43H WALL WASHING LENS MODULE BK*
LENS-43H-EWT	*TL43H ELLIPSE LENS MODULE 15X55D WT*
LENS-43H-EBK	*TL43H ELLIPSE LENS MODULE 15X55D BK*
LENS-43H-GWT	*TL43H ELLIPSE LENS MODULE 22X55D WT*
LENS-43H-GBK	*TL43H ELLIPSE LENS MODULE 22X55D BK*
LENS-43H-SNT-WT	*TL43H INTEGRAL CONDENSER MODULE WT*
LENS-43H-SNT-BK	*TL43H INTEGRAL CONDENSER MODULE BK*
LENS-43H-BD-WT	*TL43H FOUR LEAF SHADE MODULE WT*
LENS-43H-BD-BK	*TL43H FOUR LEAF SHADE MODULE BK*

WAC Group Headquarters
44 Harbor Park Drive
Port Washington, NY 11050

WAC Lighting
Phone (800) 526.2588
Fax (800) 526.2585

WAC GROUP

WAC Group retains the right to modify the design of our products at any time as part of the company's continuous improvement program.

Swallow III

High Power COB

WTK-43H | WHK-43H | MO-N43H | MO-R43H

Fixture Type: _____

Project: _____

Catalog#: _____

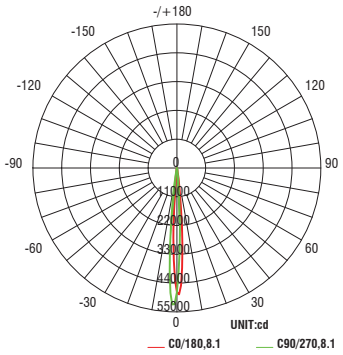
Location: _____

PERFORMANCE DATA

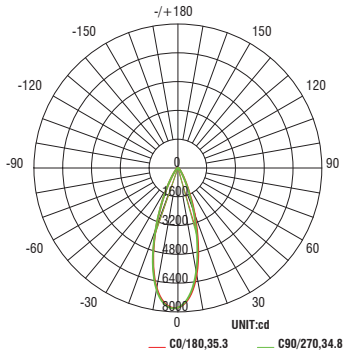
Polar Candela Distribution Charts

Samples shown with a 120V fixture with a Black finish set to 3000K.

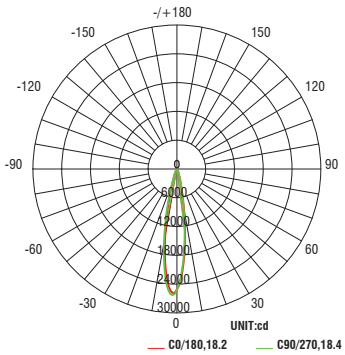
Very Narrow Beam: 8° Beam



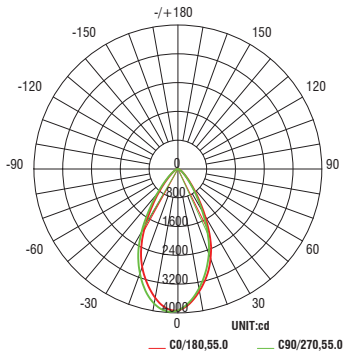
Medium Flood Beam: 36° Beam



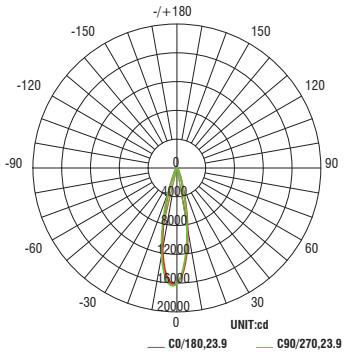
Spot Beam: 15° Beam



Wide Flood Beam: 55° Beam



Narrow Flood Beam: 24° Beam



WAC Group Headquarters
44 Harbor Park Drive
Port Washington, NY 11050

WAC Lighting
Phone (800) 526.2588
Fax (800) 526.2585

WAC GROUP

WAC Group retains the right to modify the design of our products at any time as part of the company's continuous improvement program.

Swallow III

High Power COB

WTK-43H | WHK-43H | MO-N43H | MO-R43H

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

PERFORMANCE DATA

Unified Glare Rating (UGR) Table

General performance of fixtures at 3000K and 90 CRI.

Round Fixture	Angle	UGR Range
Very Narrow	8°	≤10
Spot	15°	≤16
Narrow Flood	24°	≤15
Medium Flood	36°	≤18
Wide Flood	55°	≤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

WAC Group Headquarters
44 Harbor Park Drive
Port Washington, NY 11050

WAC Lighting
Phone (800) 526.2588
Fax (800) 526.2585

WAC GROUP

WAC Group retains the right to modify the design of our products at any time as part of the company's continuous improvement program.