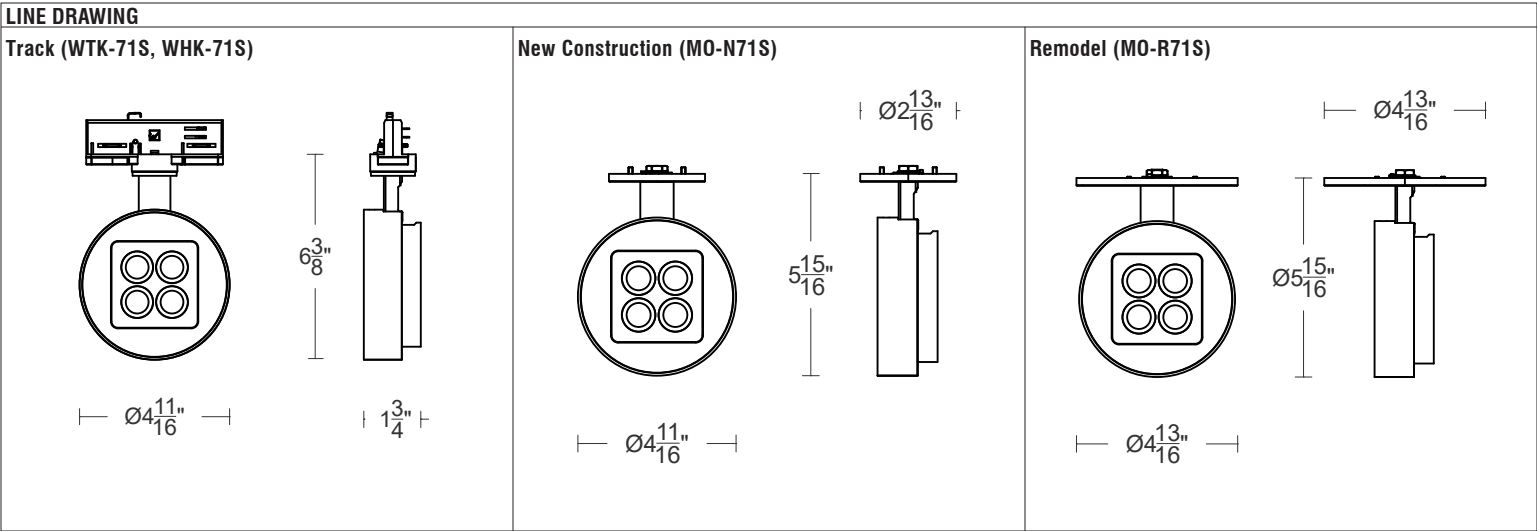


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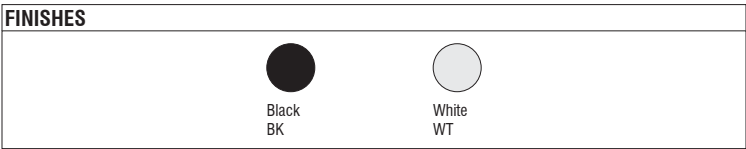
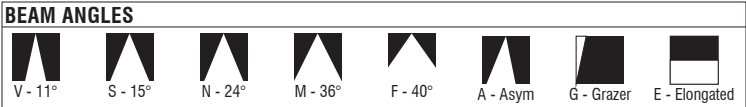
WTK-71S | WHK-71S | MO-N71S | MO-R71S

Fixture Type: \_\_\_\_\_  
Project: \_\_\_\_\_  
Catalog#: \_\_\_\_\_  
Location: \_\_\_\_\_



**PRODUCT DESCRIPTION**  
Museum-grade track luminaire engineered for precise beam control and glare management. Designed for galleries and curated environments.

| SPECIFICATIONS         |                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction:          | Injection molded polycarbonate low glare trim                                                                                                                                             |
| Mounting:              | Track mounted (WTK, WHK); ceiling mounted (MO)<br>Ceiling cut out: Ø4 1/4" (MO-N (Spackle Plate), MO-R)<br>Ø2 1/2" (MO-N (Non-Spackle Plate))<br>Accommodates 1/2" - 2" ceiling thickness |
| Light Source:          | High output 3-step Mac Adam Ellipse COB<br>Rated life of 50,000 hours at L70                                                                                                              |
| Input:                 | 120 VAC (WTK), 277 VAC (WHK), 120-277 VAC (MO)                                                                                                                                            |
| Power:                 | 17W                                                                                                                                                                                       |
| Dimming:               | WTK: 100 - 5% (ELV, TRIAC)<br>WHK: None<br>MO: 100 - 5% (ELV, TRIAC), 100 - 1% (0-10V)                                                                                                    |
| Operating Temperature: | -4°F to 104°F (-20°C to 40°C)                                                                                                                                                             |
| Standards:             | UL & cUL                                                                                                                                                                                  |
| Warranty:              | 5 year WAC Lighting guaranteed warranty                                                                                                                                                   |



| Model                                                    | Beam        | Lumens Ref Output* | CBCP   | Efficacy (lm/W) |
|----------------------------------------------------------|-------------|--------------------|--------|-----------------|
| WTK-71S<br>WHK-71S Ø4.8125"<br>MO-N71S Ø122mm<br>MO-R71S | V 11°       | 660                | 15,522 | 44              |
|                                                          | S 15°       | 562                | 6,874  | 37              |
|                                                          | N 24°       | 951                | 5,157  | 63              |
|                                                          | M 36°       | 954                | 3,302  | 63              |
|                                                          | F 40°       | 976                | 1,695  | 58              |
|                                                          | A Asym      | 741                | 962    | 49              |
|                                                          | G 18° X 52° | 531                | 2,573  | 35              |
|                                                          | E 13° X 45° | 518                | 2,568  | 34              |
|                                                          |             |                    |        |                 |

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



Falcon  
High Power COB

WTK-71S | WHK-71S | MO-N71S | MO-R71S

Fixture Type:

Project:

Catalog#:

Location:

ORDERING INFORMATION

| CONFIGURATION TABLE |                            |                         |                |
|---------------------|----------------------------|-------------------------|----------------|
| Model & Power       | Beam Angle                 | Color Temperature & CRI | Housing Finish |
| WTK-71S (120V)      | V - Very Narrow            | 927 - 2700K             | BK - BLACK     |
| WHK-71S (277V)      | S - Spot                   | 930 - 3000K             | WT - WHITE     |
| MO-N71S (120-277V)  | N - Narrow Flood           | 935 - 3500K             |                |
| MO-R71S (120-277V)  | M - Medium Flood           | 940 - 4000K             |                |
|                     | F - Flood                  |                         |                |
|                     | A - Asymmetric (Wall Wash) |                         |                |
|                     | G - Grazer                 |                         |                |
|                     | E - Elongated              |                         |                |

W\_K-71S-\_\_\_\_\_

Example: WTK-71S-S930WT

MO-\_71S-\_\_\_\_\_

Example: MO-N71S-M930BK

| ACCESSORIES       |                                     |
|-------------------|-------------------------------------|
| M-TL71-PRIS-15    | Falcon TL71 Prismatic Lens S        |
| M-TL71-PRIS-13X45 | Falcon TL71 Prismatic Lens E        |
| M-TL71-PRIS-18X52 | Falcon TL71 Prismatic Lens G        |
| M-TL71-LENS-07    | Falcon TL71 Lens Assembly 7°        |
| M-TL71-LENS-20    | Falcon TL71 Lens Assembly 20°       |
| M-TL71-LENS-30    | Falcon TL71 Lens Assembly 30°       |
| M-TL71-LENS-40    | Falcon TL71 Lens Assembly 40°       |
| M-TL71-LENS-WW    | Falcon TL71 Lens Assembly Wall Wash |
| M-TL71-LED-27     | Falcon TL71 LED Module 2700K        |
| M-TL71-LED-30     | Falcon TL71 LED Module 3000K        |
| M-TL71-LED-35     | Falcon TL71 LED Module 3500K        |
| M-TL71-LED-40     | Falcon TL71 LED Module 4000K        |
| M-TL71-FILM-5D    | Falcon TL71 Diffuser Film 5°        |
| M-TL71-FILM-20D   | Falcon TL71 Diffuser Film 20°       |

| ORDERING NOTES |                                                                                                                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.             | The WTK-71S fixture is 120V and the WHK-71S fixture is 277V. Both fixtures are track mounted.                                                                                        |
| 2.             | The MO-N71S fixture is a ceiling mounted monopoint fixture for New Construction installations. The MO-R71S fixture is a ceiling mounted monopoint fixture for Remodel installations. |

Falcon  
High Power COB

WTK-71S | WHK-71S | MO-N71S | MO-R71S

Fixture Type:

Project:

Catalog#:

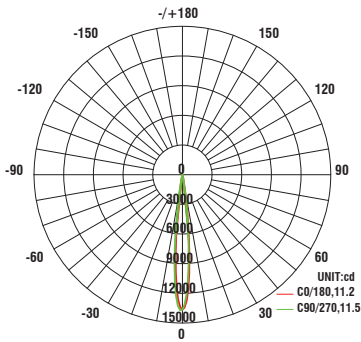
Location:

PERFORMANCE DATA

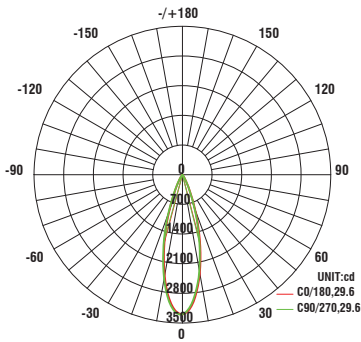
Polar Candela Distribution Charts

Samples shown with a fixture set to 3000K.

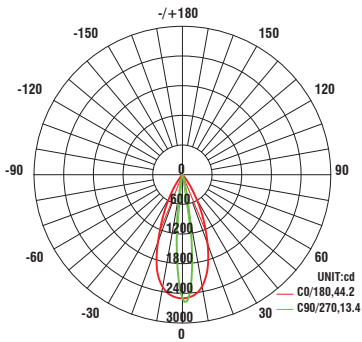
Very Narrow Beam: 11° Beam



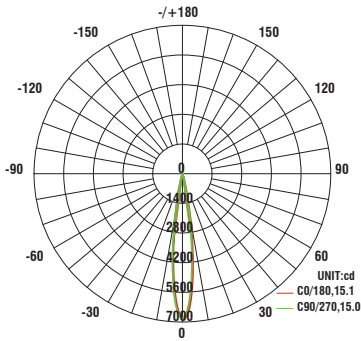
Medium Flood Beam: 36° Beam



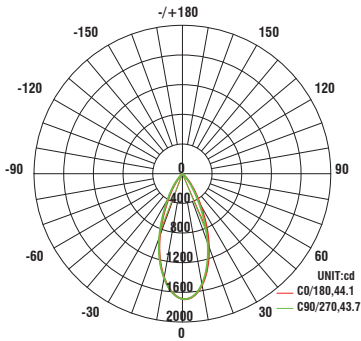
Grazer Beam: 18° X 52° Beam



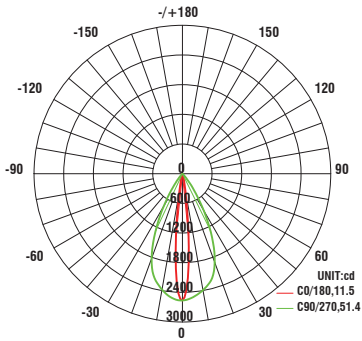
Spot Beam: 15° Beam



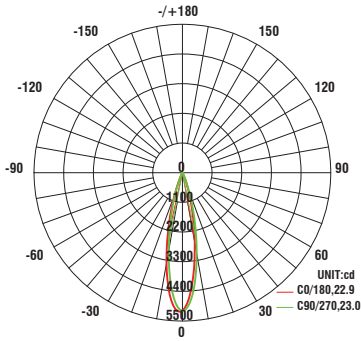
Flood Beam: 40° Beam



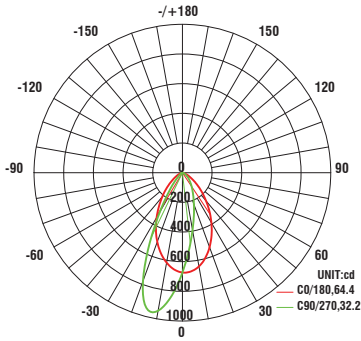
Elongating Beam: 13° X 45° Beam



Narrow Flood Beam: 24° Beam



Wall Wash Beam: Asymmetric



Falcon  
High Power COB

WTK-71S | WHK-71S | MO-N71S | MO-R71S

Fixture Type:

Project:

Catalog#:

Location:

PERFORMANCE DATA

Unified Glare Rating (UGR) Table

UGR values shown are calculated for a fixture at 3000K and 90 CRI.

| Round Fixture | Angle      | UGR Range |
|---------------|------------|-----------|
| Very Narrow   | 11°        | ≤0        |
| Spot          | 15°        | ≤0        |
| Narrow Flood  | 24°        | ≤2        |
| Medium Flood  | 36°        | ≤10       |
| Wide Flood    | 55°        | ≤19       |
| Wall Wash     | Asymmetric | ≤25       |
| Grazer        | 18° x 52°  | ≤15       |
| Elongating    | 13° x 45°  | ≤17       |

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  | 1.04  | 1.04  |