

## Compact Gobo Projector for Rugged Environments

- Compact, industrial strength gobo projector for rugged in- and outdoor applications.
- Sealed system, passive cooled.
- Wide range of interchangeable projection lenses.
- Image size from 4ft in very bright- to 30ft in dark environments.



### SPECIFICATIONS

|                      |  |
|----------------------|--|
| <b>Order Code:</b>   | PS-C40PCE                                |
| <b>Power Supply:</b> | 100 - 240/277 V, 50/60Hz, 45W            |
| <b>Temp Rating:</b>  | -22°F to 122°F (-30°C to 50°C)           |
| <b>Driver:</b>       | External driver, fully sealed (included) |

|                        |                                  |
|------------------------|----------------------------------|
| <b>Lamp Type:</b>      | LED - 40 Watt                    |
| <b>Rated LED Life:</b> | 25,000 hours (L70)               |
| <b>LED Color Temp:</b> | 8,000k +/- 500k                  |
| <b>Luminous Flux:</b>  | 2,700lm (effective flux 2,400lm) |

|                           |  |
|---------------------------|--|
| <b>Projection Lenses:</b> | Ultra-Narrow: f=290mm/6°, Narrow: f=140mm/10°<br>Semi-Narrow: f=100mm/15°, Medium: f=70mm/20°<br>Wide: f=56mm/25°, Ultra-Wide: f=28mm/45° (max. Gobo ID: 23mm) |
| <b>Gobo Size:</b>         | E-Size - Outside Diameter: 37.5mm, Image Diameter: 25mm  |
| <b>Gobo Types:</b>        | Glass or Metal Gobos, Film Gobos with limited run time   |

| Projection Range/Size       | Range            | Size            |
|-----------------------------|------------------|-----------------|
| <b>Bright Environment:</b>  | - Up to 30 feet* | - Up to 4 feet  |
| <b>Average Environment:</b> | - Up to 36 feet  | - Up to 7 feet  |
| <b>Dim Environment:</b>     | - Up to 70 feet  | - Up to 9 feet  |
| <b>Dark Environment:</b>    | - Up to 150 feet | - Up to 30 feet |

\* with Ultra-Narrow lens

|                          |  |
|--------------------------|--|
| <b>Safety Standards:</b> | Projector - IP65, EC: EN IEC 60598-1:2021, N IEC 60598-2-1:2021<br>Driver - IP65, UL E334687 |
|--------------------------|--|

## Dimensions

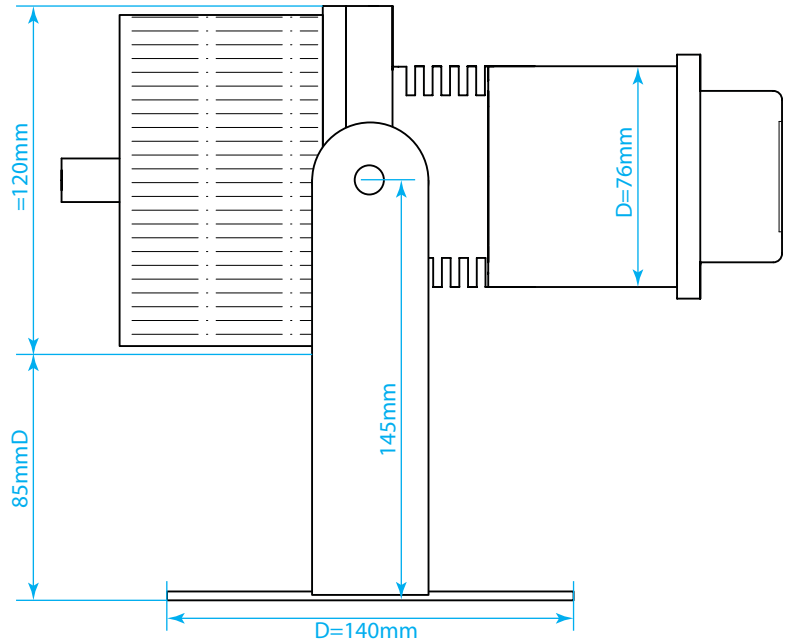
- Projector Length: 7<sup>3</sup>/<sub>4</sub>"
- Projector Width: 5<sup>1</sup>/<sub>2</sub>"
- Projector Height: 7<sup>1</sup>/<sub>2</sub>" (mounted on yoke)
- Lens Barrel Diameter: 3" (diameter) x 2<sup>1</sup>/<sub>2</sub>" (length)
- Heat Sink: 4<sup>1</sup>/<sub>2</sub>" (diameter)
- Mounting Plate/Yoke: 5<sup>1</sup>/<sub>2</sub>" (diameter) x 5<sup>3</sup>/<sub>4</sub>" (height)
- Projector Weight: 8lbs

## Total Length Including Projection Lens:

- Narrow Lens - 10"
- Semi-narrow Lens: - 9.25"
- Medium and Wide Lens: - 8.25"
- Ultra Wide Lens: - 8.5"

## Shipping Dimensions

- Box Size: 18" x 18" x 9"
- Box Weight: 10lbs



| PRO Spot™ Photometrics                    |             |             |            |              |                 |            | PROJECTION DISTANCE IN FEET (ft) |             |            |            |            |            |            |           |            |            |  |            |           |           |     |     |     |
|---|-------------|-------------|------------|--------------|-----------------|------------|----------------------------------|-------------|------------|------------|------------|------------|------------|-----------|------------|------------|--|------------|-----------|-----------|-----|-----|-----|
| Model                                     | Gobo max ID | Lens        | Beam Mult. | Effective lm | Efficiency lm/W | D=?<br>22  | Value                            | 3           | 6          | 9          | 12         | 15         | 20         | 24        | 30         | 36         | 42                                       | 64         | 88        | 112       | 136 | 200 | 300 |
| PS-C40<br>PS-C40E<br>PS-C40PCE<br>PS-C40+ | 25mm        | 140mm (10°) | 0.18       | 1025         | 26              | 4.0<br>83  | Size (ft)<br>Brightn.(fc)        |             |            | 1.6<br>498 | 2.2<br>280 | 2.7<br>179 | 3.6<br>101 | 4.3<br>70 | 5.4<br>45  | 6.5<br>31  | 7.6<br>23                                | 11.5<br>10 | 15.8<br>5 | 20.2<br>3 |     |     |     |
|   |             | 100mm (15°) | 0.26       | 1834         | 46              | 5.7<br>71  | Size (ft)<br>Brightn.(fc)        |             | 1.6<br>960 | 2.3<br>427 | 3.1<br>240 | 3.9<br>154 | 5.2<br>86  | 6.2<br>60 | 7.8<br>38  | 9.4<br>27  | 11<br>20                                 | 17<br>8    | 23<br>4   | 29<br>3   |     |     |     |
|   |             | 70mm (20°)  | 0.35       | 1662         | 42              | 7.7<br>36  | Size (ft)<br>Brightn.(fc)        | 1.1<br>1920 | 2.1<br>480 | 3.2<br>213 | 4.2<br>120 | 5.3<br>77  | 7.0<br>43  | 8.4<br>30 | 10.5<br>19 | 12.6<br>13 | 14.7<br>10                               | 22.4<br>4  | 30.8<br>2 |           |     |     |     |
|   |             | 56mm (25°)  | 0.45       | 1946         | 49              | 9.9<br>25  | Size (ft)<br>Brightn.(fc)        | 1.4<br>1360 | 2.7<br>340 | 4.1<br>151 | 5.4<br>85  | 6.8<br>54  | 9.0<br>31  | 11<br>21  | 14<br>14   | 16<br>9    | 19<br>7                                  | 29<br>3    | 40<br>2   |           |     |     |     |
| E-Size<br>OD=37.5mm<br>ID=25mm            | 23mm        | 28mm (40°)  | 0.85       | 2613         | 65              | 18.7<br>10 | Size (ft)<br>Brightn.(fc)        | 2.6<br>512  | 5.1<br>128 | 7.7<br>57  | 10.2<br>32 | 12.8<br>20 | 17.0<br>12 | 20.4<br>8 | 25.5<br>5  | 30.6<br>4  | 35.7<br>3                                |            |           |           |     |     |     |
|   |             |             |            |              |                 |            |                                  |             |            |            |            |            |            |           |            |            | *For best focus/brightness, max. ID=23mm |            |           |           |     |     |     |

## Product Warranty

Two year repair/replacement warranty for PCE Models

## Package Contents

Projector | Mounting Yokes | Lens Tube | Projection Lens | Test Gobo | User Manual

*This is a sales sheet for Projection Connection, actual product part number and OEM manufacture will be on received boxes and certifications are under manufactures part numbers.*