

Project Name:

Qty:

Type:

Product Number:

## FEATURES

- ▶ 16 different width profiles
- ▶ Custom joiners for unique designs
- ▶ Fully illuminated joiners
- ▶ Tunable white / RGBW options
- ▶ Magnetic lens and end caps for quick installation

## QUICK GLANCE

### MOUNTING OPTION



Recessed  
mount

### SPECIFICATIONS

| Lumens:          | CCT:                                             | CRI:                     | Voltage                 |
|------------------|--------------------------------------------------|--------------------------|-------------------------|
| Medium 400 Lm/ft | Standard: 3000K<br>Tunable White:* 2700K - 6500K | 90<br>80                 | Standard: 120 - 277V AC |
| High 750 Lm/ft   | 3500K<br>4000K                                   | RGBW:*<br>Color changing |                         |

(Custom lumen outputs available upon request)\*

| Electrical                            | Dimming                                                                            | Lifespan                            | Finish                 |
|---------------------------------------|------------------------------------------------------------------------------------|-------------------------------------|------------------------|
| 6 - 14 W/ft<br>PF > 0.9<br>THD < 9.8% | Standard: 0-10V 1%<br>Optional:* 0-10V 10%<br>0-10V 5%<br>Dim to O<br>Step Dimming | Standard: L70 > 100,000 hr. @ 25° C | Standard: White flange |

| Optics                                                         | Operating temp:               |
|----------------------------------------------------------------|-------------------------------|
| Direct Standard:<br>Medium beam angle - flat, frosted PC lens. | -25°C to 35°C (-13°F to 95°F) |

| Housing:                                     | Warranty                            | Certification                                                  |
|----------------------------------------------|-------------------------------------|----------------------------------------------------------------|
| Extruded aluminum with powder coated finish. | Standard: 10 Year limited warranty. | UL listed for dry location application only - IP20 equivalent. |

\*Custom options may affect pricing and advanced lead times. Contact your local PAL Lighting rep for full information.



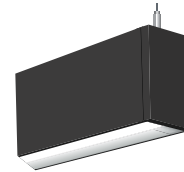
TAA  
COMPLIANT

## DISTRIBUTION OPTION



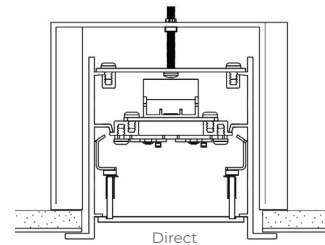
Direct only

## END CAP



Flat

## CROSS SECTION



Direct

## FORM / JOINER QUICK VIEW



Linears

Height: 3.937"

Length: 5.51" increments starting at 1' 11"

Width: 3" - 6" 0.2" increments

Flat  
End Cap



90° joiners

"L" / "T" / "X"

11" "arm"  
T and X - 22" total length.  
Lengths may differ between profile widths.



Curved  
Joiners

30° / 45° / 60°  
90°

17" radius  
32.5" radius  
48.5" radius



Y and V  
Curved Joiners

45° / 60°

17" radius  
32.5" radius  
48.5" radius



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ORDERING EXAMPLE:

**LIS-R 40 HO K40 90 12 FAL F01M FE UNV DIM0**

1: FORM

2: OUTPUT

3: LENGTH

| SERIES                                                                                                                                                                                                                                                   | WIDTH                                 | LUMENS (Direct)**                                                                                                                                                                                                                                               | COLOR TEMPERATURE                                | COLOR RENDERING     | FIXTURE LENGTH                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LIS-R</b><br>Lasso Infinite "Short"<br>(3.937" height) Recessed<br><br>Lasso Infinite series is available in a "Tall" (5.12" height) and "Short" (3.94" height) - see separate spec on <a href="http://www.pal-lighting.com">www.pal-lighting.com</a> | <b>30</b><br>3"                       | <b>HO</b><br>High Output<br>750 Lm/ft                                                                                                                                                                                                                           | <b>K30</b><br>3000 Kelvin                        | <b>80</b><br>80 CRI | <input type="text"/><br>Custom length*<br><br>*Enter requested length.<br><br>Lengths start at 2' (1' 11")<br>Lengths are based on 5.51" increments.<br><br>Ex. 8' (8' 4" or 7' 10") |
|                                                                                                                                                                                                                                                          | <b>40</b><br>4"                       |                                                                                                                                                                                                                                                                 | <b>K35</b><br>3500 Kelvin                        | <b>90</b><br>90 CRI |                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                          | <b>50</b><br>5"                       | <b>MO</b><br>Medium Output*<br>400 Lm/ft                                                                                                                                                                                                                        | <b>K40</b><br>4000 Kelvin                        |                     |                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                          | <b>60</b><br>6"                       |                                                                                                                                                                                                                                                                 | <b>TW</b><br>2700K thru 6500K<br>(Tunable White) |                     |                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                          | <input type="text"/><br>Custom width* | <b>** Custom Output</b><br><br>* Custom widths are in 0.2" increments.<br>Ordering ex. 34 would be 3.4" / 56 would be 5.6" / 42 would be 4.2"<br><br>** For custom outputs enter requested Lm/Ft (see chart below)<br>Custom ex. <b>650</b> would be 650 Lm/ft. | <b>RGBW</b><br>RGBW - Color changing             |                     |                                                                                                                                                                                      |

4: MOUNTING

5: OPTICS

6: FINISH

7: ELECTRICAL

| MOUNTING*                                                                                                                                          | LENS                               | FLANGE FINISH                                                                                                     | END CAPS                  | VOLTAGE                        | DRIVER                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recessed Mount<br><br>*Additional mounting options available - see separate spec on <a href="http://www.pal-lighting.com">www.pal-lighting.com</a> | <b>FAL</b><br>Frosted acrylic lens | <b>F01M</b><br>WHITE MATTE Flange<br><br><input type="text"/><br>Custom Color<br>Enter RAL # <input type="text"/> | <b>FE</b><br>Flat end cap | <b>UNV</b><br>120 - 277V<br>AC | <b>DIM1</b><br>0-10V 1%<br><b>DIM0</b><br>0-10V 0%<br><b>DIM5</b><br>0-10V 5%<br><b>DIM10</b><br>0-10V 10%<br><b>SD</b><br>Step-Dimming<br><b>TW</b><br>DALI protocol<br><b>RGBW</b><br>DMX protocol |

8: EMERGENCY BACKUP & CONTROLS

CUSTOM PATTERNS (Describe the requested form/pattern - ex. "I hexagon, approx. 4' in width")

| SENSOR OPTIONS                                             |  | EMERGENCY OPTIONS                                       | CONTROLS                       |  |
|------------------------------------------------------------|--|---------------------------------------------------------|--------------------------------|--|
| <b>OCC</b><br>Occupancy/Motion Sensor<br>(Integral Mount)  |  | <b>EBPH</b><br>Emergency Battery Pack<br>(self-testing) | <b>0-10V</b><br>0-10V dimming  |  |
|                                                            |  |                                                         | <b>DALI</b><br>(Tunable white) |  |
| <b>DMX</b><br>(RGBW)                                       |  |                                                         |                                |  |
| <b>CASAMBI</b><br>Wireless controls with<br>Casambi        |  |                                                         |                                |  |
| <b>DS</b><br>Daylight/Photocell Sensor<br>(Integral Mount) |  |                                                         |                                |  |

Use page 3 and 4 for joiner information and optional grid for illustration of concept.

Custom output min. / max.

| Lumen Outputs - Lm/ft (based on 4000K output) |          |            |            |            |            |          |            |            |            |            |          |            |            |            |            |          |
|-----------------------------------------------|----------|------------|------------|------------|------------|----------|------------|------------|------------|------------|----------|------------|------------|------------|------------|----------|
| Width                                         | 30<br>3" | 32<br>3.2" | 34<br>3.4" | 36<br>3.6" | 38<br>3.8" | 40<br>4" | 42<br>4.2" | 44<br>4.4" | 46<br>4.6" | 48<br>4.8" | 50<br>5" | 52<br>5.2" | 54<br>5.4" | 56<br>5.6" | 58<br>5.8" | 60<br>6" |
| Direct - Min.                                 | 370      | 384        | 398        | 412        | 426        | 536      | 446        | 459        | 465        | 470        | 476      | 482        | 487        | 493        | 499        | 504      |
| Direct - Max.                                 | 862      | 895        | 928        | 961        | 994        | 1,017    | 1,040      | 1,071      | 1,084      | 1,097      | 1,111    | 1,124      | 1,137      | 1,050      | 1,164      | 1,177    |
| Indirect - Min.                               | 332      | 344        | 357        | 370        | 383        | 393      | 400        | 412        | 417        | 422        | 427      | 432        | 437        | 443        | 448        | 453      |
| Indirect - Max.                               | 774      | 804        | 833        | 863        | 892        | 913      | 934        | 961        | 973        | 985        | 997      | 1,009      | 1,020      | 1,032      | 1,044      | 1,056    |

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## JOINERS



| Corners     |                        |
|-------------|------------------------|
| <b>L/90</b> | "L" joiner, 90° angle  |
| <b>T/90</b> | "T" joiner, 90° angles |
| <b>X/90</b> | "X" joiner, 90° angles |

| Curves 45° radius |          |
|-------------------|----------|
| <b>45R/90</b>     | 90° bend |
| <b>45R/60</b>     | 60° bend |
| <b>45R/45</b>     | 45° bend |
| <b>45R/30</b>     | 30° bend |

| Curves 33° radius |          |
|-------------------|----------|
| <b>33R/90</b>     | 90° bend |
| <b>33R/60</b>     | 60° bend |
| <b>33R/45</b>     | 45° bend |
| <b>33R/30</b>     | 30° bend |

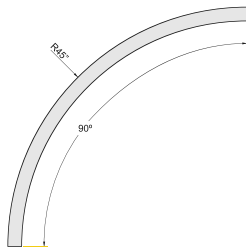
| Curves 17° radius |          |
|-------------------|----------|
| <b>17R/90</b>     | 90° bend |
| <b>17R/60</b>     | 60° bend |

| Y Bends         |                       |
|-----------------|-----------------------|
| <b>Y-45R/45</b> | 45° radius / 45° bend |
| <b>Y-33R/45</b> | 33° radius / 45° bend |
| <b>Y-17R/60</b> | 17° radius / 60° bend |

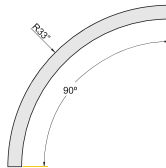
| V Bends         |                       |
|-----------------|-----------------------|
| <b>V-45R/45</b> | 45° radius / 45° bend |
| <b>V-33R/45</b> | 33° radius / 45° bend |
| <b>V-17R/60</b> | 17° radius / 60° bend |



**L/90**



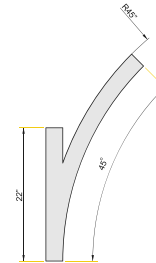
**45R/90**



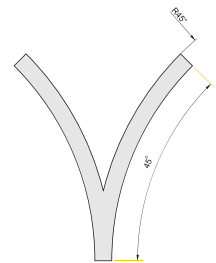
**33R/90**



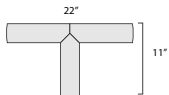
**17R/90**



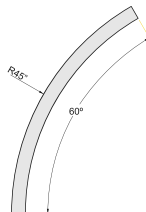
**Y-45R/45**



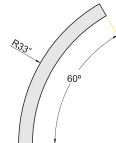
**V-45R/45**



**T/90**



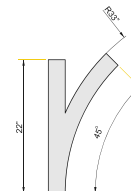
**45R/60**



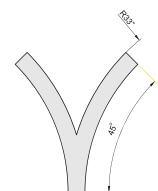
**33R/60**



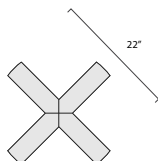
**17R/60**



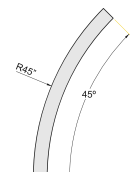
**Y-33R/45**



**V-33R/45**



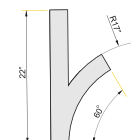
**X/90**



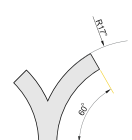
**45R/45**



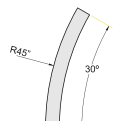
**33R/45**



**Y-17R/60**



**V-17R/60**



**45R/30**



**33R/30**

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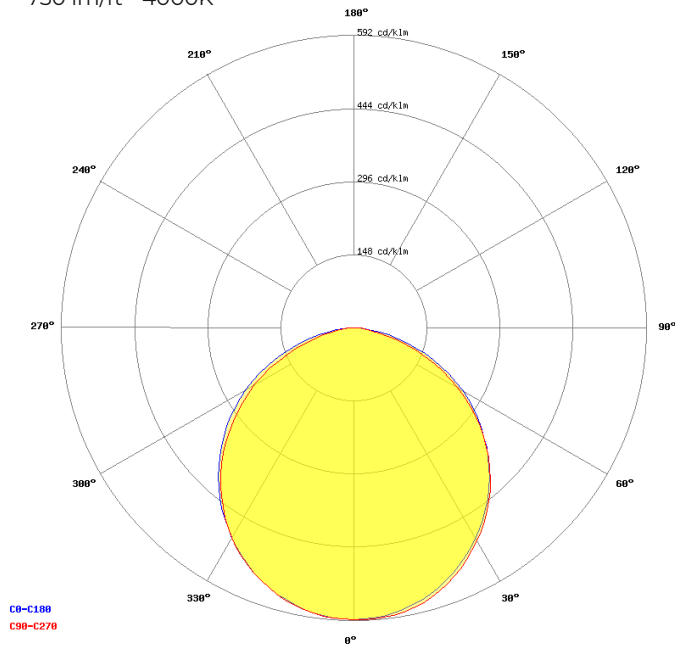
Type:

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## PHOTOMETRY

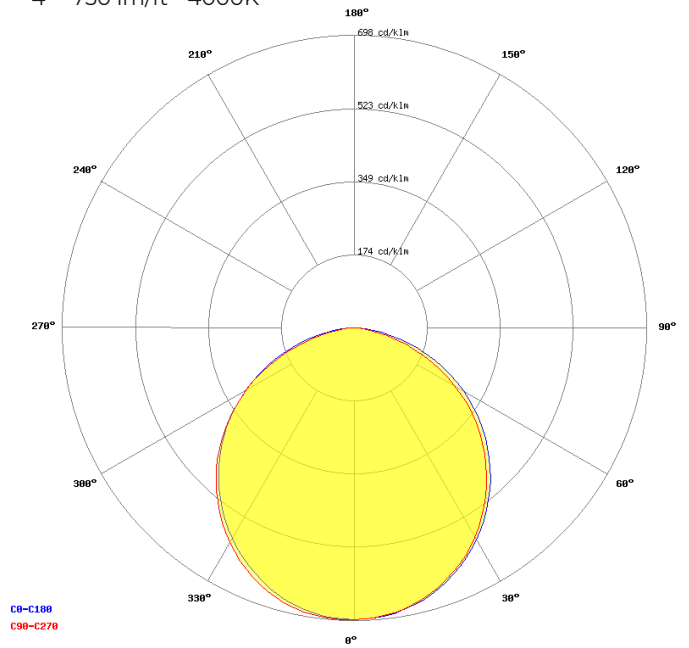
### LIS-R 30 HO K40

3" - 750 lm/ft - 4000K



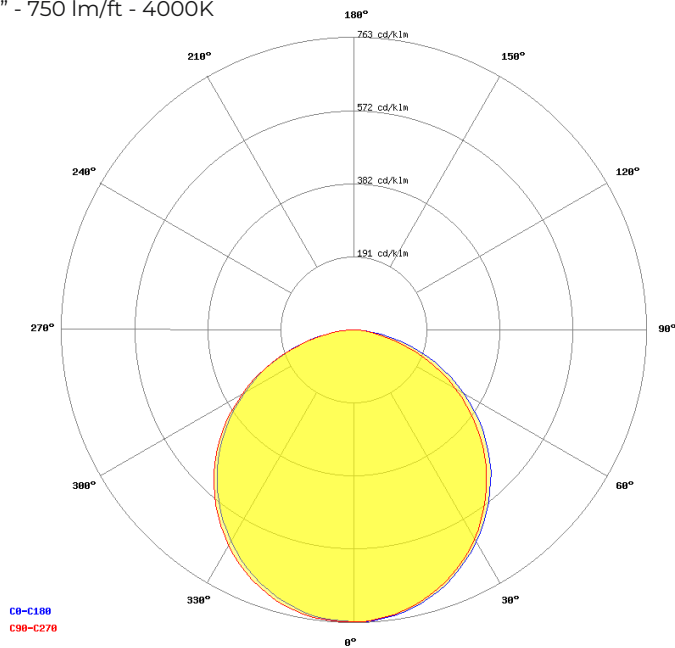
### LIS-R 40 HO K40

4" - 750 lm/ft - 4000K



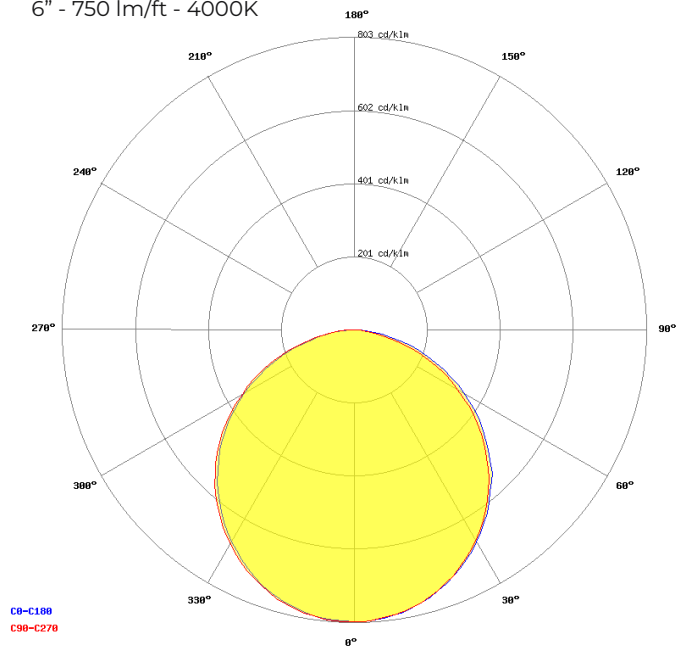
### LIS-R 50 HO K40

5" - 750 lm/ft - 4000K



### LIS-R 60 HO K40

6" - 750 lm/ft - 4000K



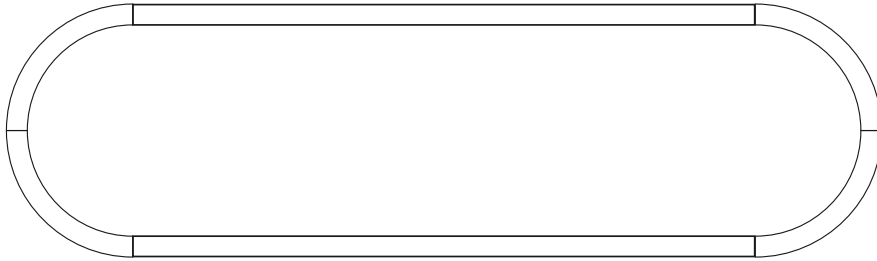
Project Name:

Qty:  Type:

Product Number:

## BOM EXAMPLE

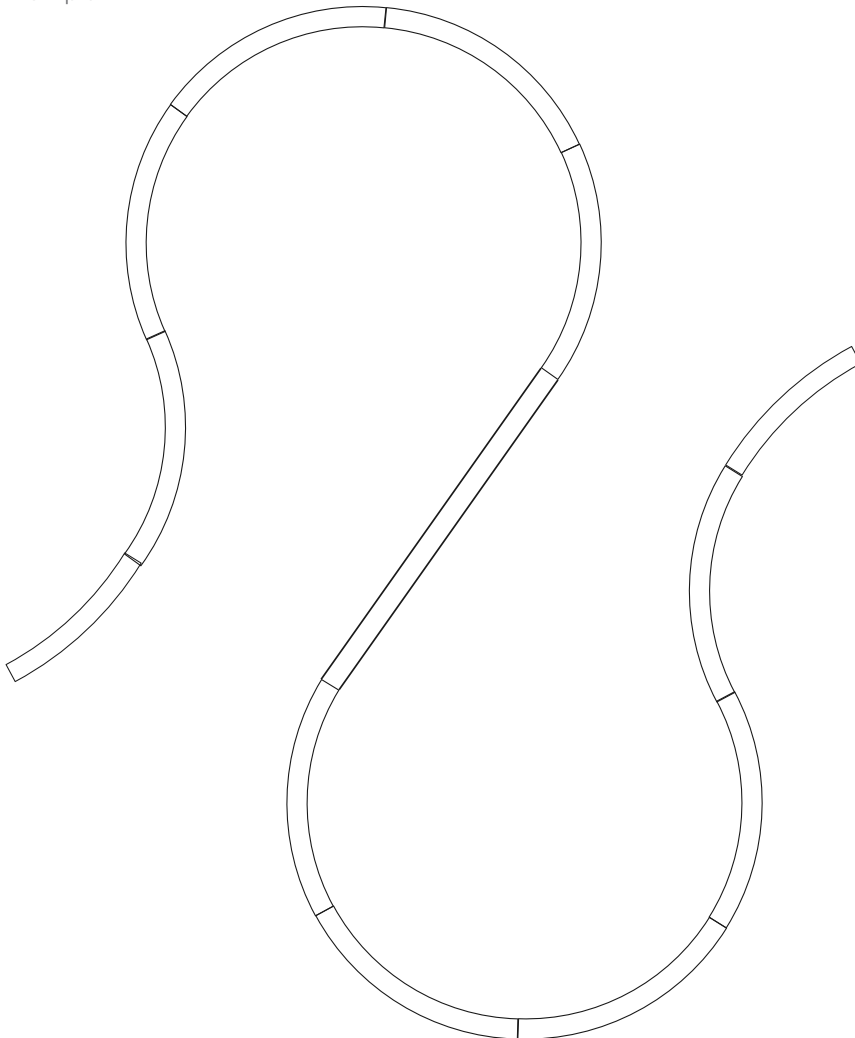
### Example 1



Example 1 BOM

| Qty. | Product Number                       |
|------|--------------------------------------|
| 2    | LIS-R 40 MO K40 90 8 FAL F11M FE UNV |
| 4    | 33R/90                               |

### Example 2



Example 2 BOM

| Qty. | Product Number                       |
|------|--------------------------------------|
| 1    | LIS-R 30 HO K40 90 6 FAL F01M FE UNV |
| 10   | 33R/60                               |
| 2    | 48R/30                               |

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Type:

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## Grid

Use the grid below for optional pattern / run drawing.



1' x 1'

