

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
- ▶ 2 end cap options

QUICK GLANCE

MOUNTING OPTION



Ceiling mount

SPECIFICATIONS

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

(Custom lumen outputs available upon request)*

Electrical	Dimming	Lifespan	Finish
6 - 14 W/ft PF > 0.9 THD < 9.8%	Standard: 0-10V 1% Optional:* 0-10V 10% 0-10V 5% Dim to O Step Dimming	Standard: L70 > 100,000 hr. @ 25° C	Standard: Textured Matte White / Black (Custom finish upon request)*

Optics	Operating temp:
Direct Standard: 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.



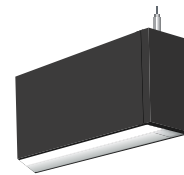
TAA
COMPLIANT

DISTRIBUTION OPTION



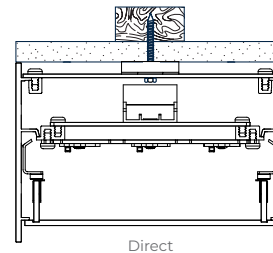
Direct only

END CAPS



Flat

CROSS SECTION



Direct

FORM / JOINER QUICK VIEW



Linears	Flat End Cap
Height: 3.937"	
Length: 5.51" increments starting at 1' 11"	
Width: 3" - 6" 0.2" increments	



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-D 40 HO K40 90 12 J FAL F01M CE UNV DIM0

1: FORM

2: OUTPUT

3: LENGTH

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

4: MOUNTING

5: OPTICS

6: FINISH

7: ELECTRICAL

MOUNTING*		LENS		HOUSING FINISH		END CAPS		VOLTAGE		DRIVER	
J Ceiling/surface mount		FAL Frosted acrylic lens		F01M WHITE - TEXTURED MATTE		FE Flat end cap		UNV 120 - 277V AC		DIM1 0-10V 1%	
*Additional mounting options available - see separate spec on www.pal-lighting.com				F11M BLACK - TEXTURED MATTE						DIM0 0-10V 0%	
				Custom Color Enter RAL # _____						DIM5 0-10V 5%	
										DIM10 0-10V 10%	
										TW DALI protocol	
										RGBW 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
OCC Occupancy/Motion Sensor (Integral Mount)	EBPH Emergency Battery Pack (self-testing)	0-10V 0-10V dimming
		DALI (Tunable white)
DS Daylight/Photocell Sensor (Integral Mount)		DMX (RGBW)
		CASAMBI Wireless controls with Casambi

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 3"	32 3.2"	34 3.4"	36 3.6"	38 3.8"	40 4"	42 4.2"	44 4.4"	46 4.6"	48 4.8"	50 5"	52 5.2"	54 5.4"	56 5.6"	58 5.8"	60 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	
L/90	"L" joiner, 90° angle
T/90	"T" joiner, 90° angles
X/90	"X" joiner, 90° angles

Curves 45" radius	
45R/90	90° bend
45R/60	60° bend
45R/45	45° bend
45R/30	30° bend

Curves 33" radius	
33R/90	90° bend
33R/60	60° bend
33R/45	45° bend
33R/30	30° bend

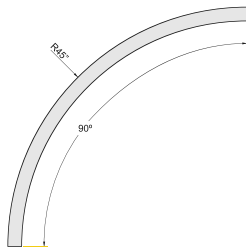
Curves 17" radius	
17R/90	90° bend
17R/60	60° bend

Y Bends	
Y-45R/45	45° radius / 45° bend
Y-33R/45	33° radius / 45° bend
Y-17R/60	17" radius / 60° bend

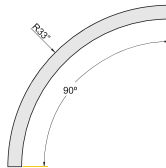
V Bends	
V-45R/45	45° radius / 45° bend
V-33R/45	33° radius / 45° bend
V-17R/60	17" radius / 60° bend



L/90



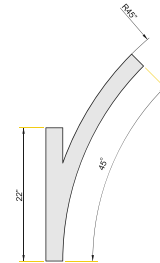
45R/90



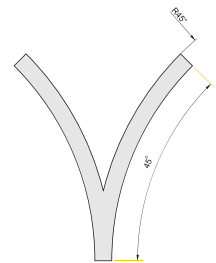
33R/90



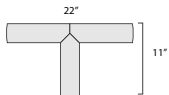
17R/90



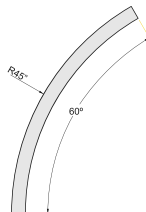
Y-45R/45



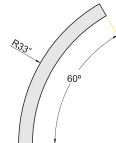
V-45R/45



T/90



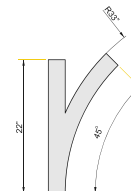
45R/60



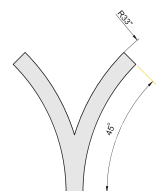
33R/60



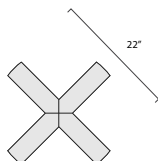
17R/60



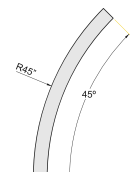
Y-33R/45



V-33R/45



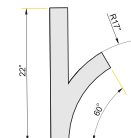
X/90



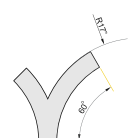
45R/45



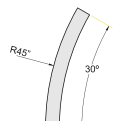
33R/45



Y-17R/60



V-17R/60



45R/30



33R/30

Project Name:

Qty:

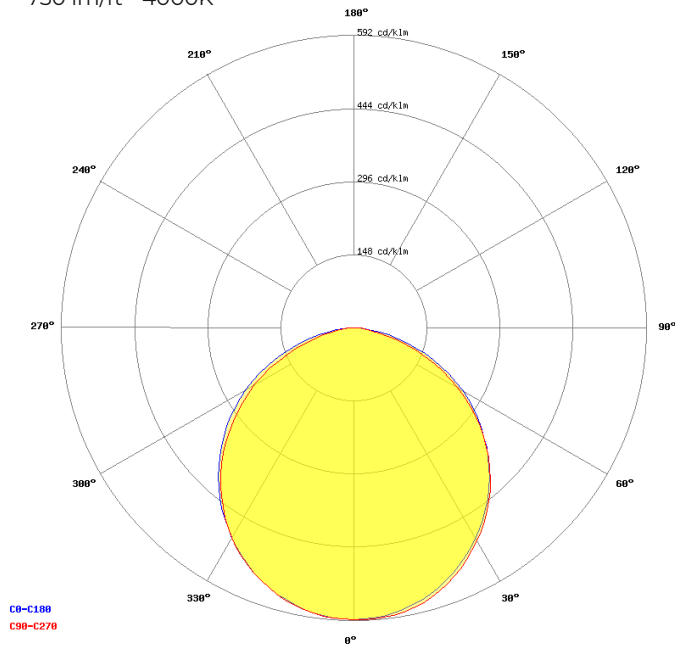
Type:

Product Number:

PHOTOMETRY

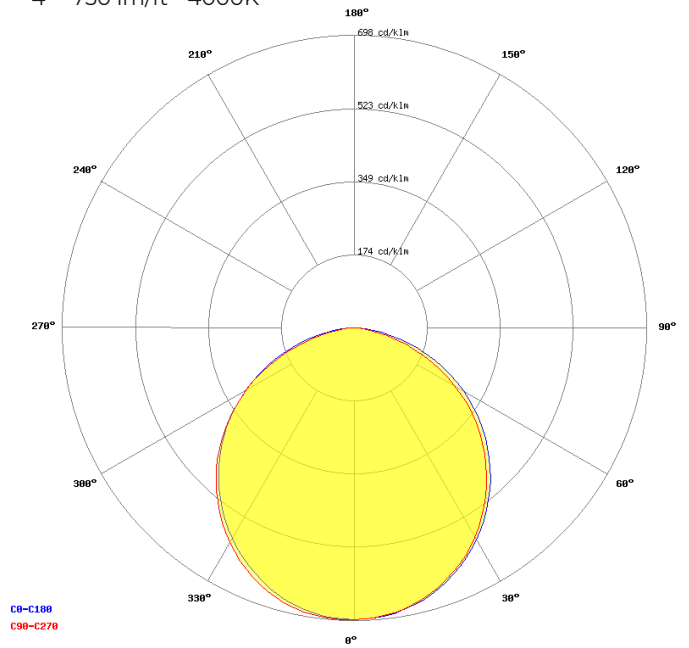
LIS-D 30 HO K40

3" - 750 lm/ft - 4000K



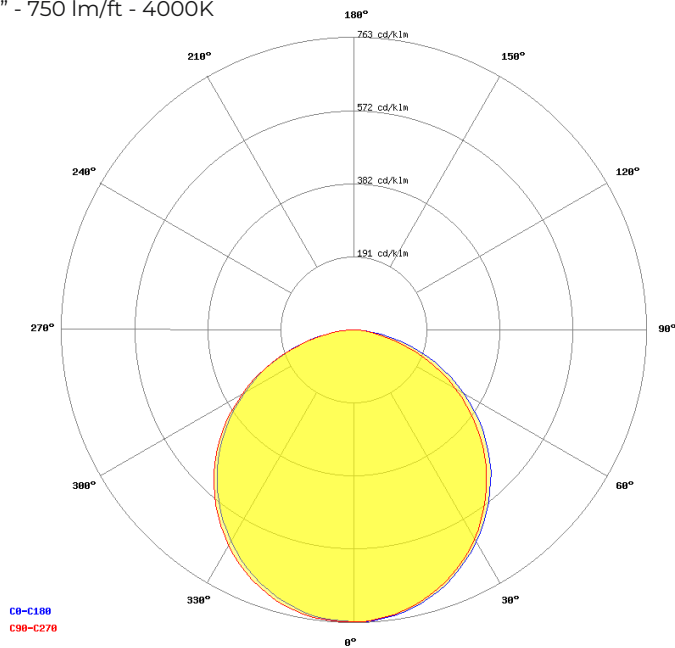
LIS-D 40 HO K40

4" - 750 lm/ft - 4000K



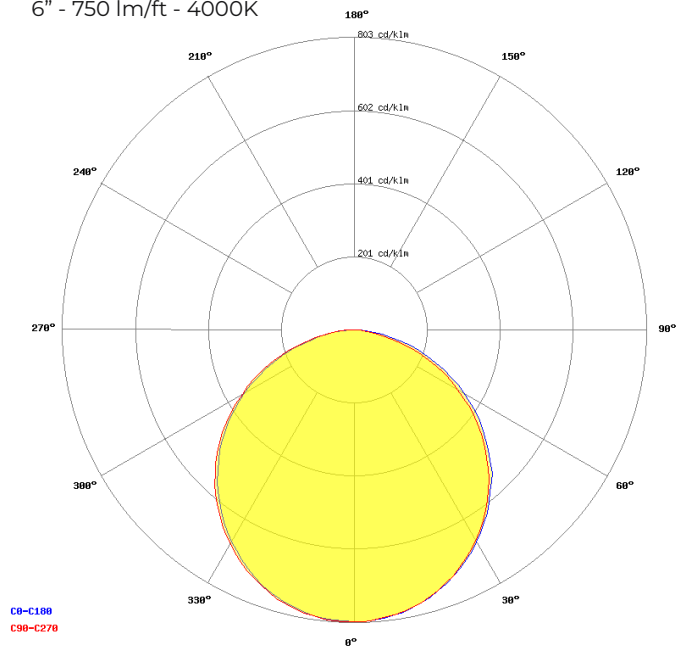
LIS-D 50 HO K40

5" - 750 lm/ft - 4000K



LIS-D 60 HO K40

6" - 750 lm/ft - 4000K



Project Name:

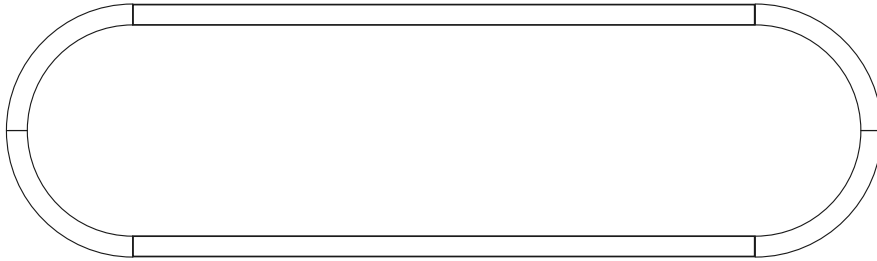
Qty:

Type:

Product Number:

BOM EXAMPLE

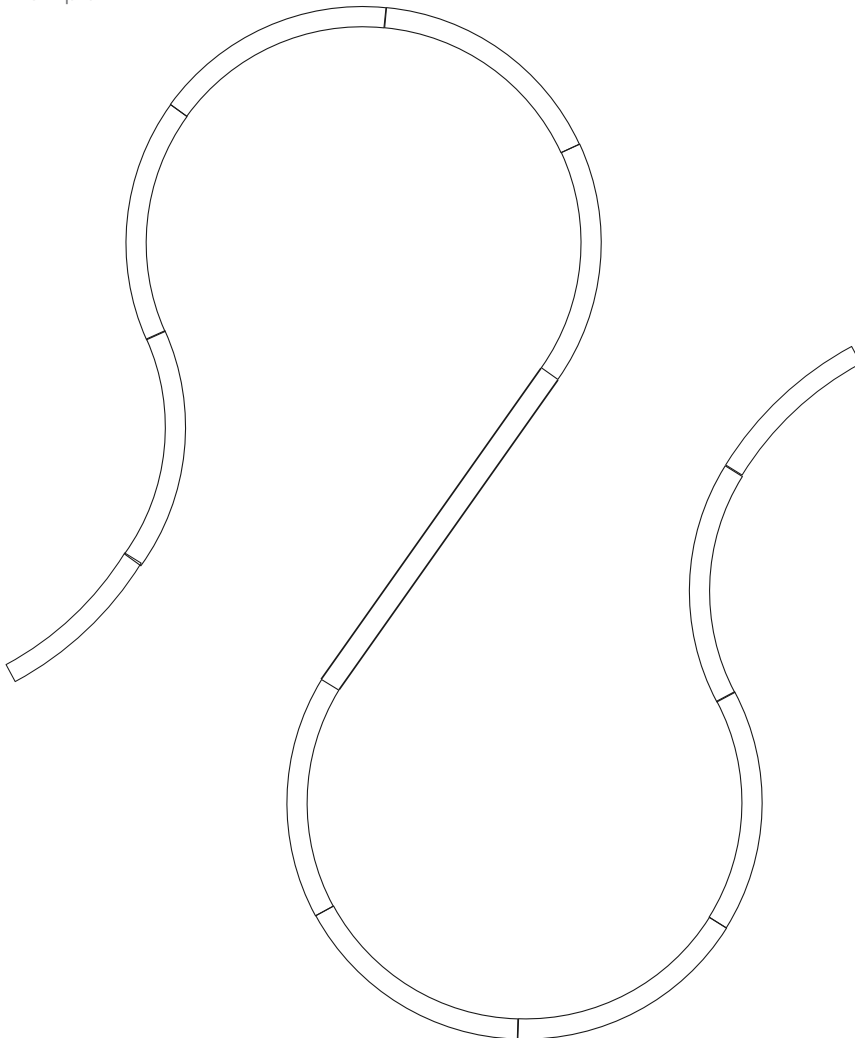
Example 1



Example 1 BOM

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

Example 2



Example 2 BOM

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

Project Name:

Qty:

Type:

Product Number:

Grid

Use the grid below for optional pattern / run drawing.

☐ 1' x 1'

