

5-year warranty

(19 1mm)



Label references 10" line .75 symmetric fixture with a 10° beam spread in Very High Output 3000K. Lighting Facts for additional beam spreads and light output levels may be obtained from io

line[™] .75 INTERIOR APPLICATIONS **SYMMETRIC**

Application

io Lighting's line series .75 is approximately .75" x .75" in cross section. UL listed for dry locations, its low profile housing enables functional luminous intensities from "tight" architectural details such as niches, coves and casework. Similar to halogen light sources, LEDs are point sources that offer superior definition to three-dimensional objects and sparkle to reflective surfaces.

series .75 is a low voltage linear accent luminaire that may be ordered in incremental nominal lengths that range from 6" to 72". Optional beam spreads along the perpendicular axis of the fixture include 10°, 25° and 55°. For details on the asymmetric beam spread, see dedicated specification sheet. Projected average rated life is 50,000 hours at 70% of lamp lumen output. To ensure proper performance, architectural details should allow for ventilation and air flow around the fixture. Ambient temperature surrounding the fixture shall not exceed 122°F (50°C).

Light Output

line series .75 is available with three lumen outputs for white light only. All values below represent the initial raw lumens of the LED. IES format photometry of Lighting Facts labels represent actual light output measured in lumens and candlepower. Light Output losses include optical, thermal and power supply inefficiencies. IES LM-79 format files may be obtained from the factory or downloaded from www.iolighting.com. All products have a CRI greater than 80. Results are typical measurements.

>> 3-step MacAdam Binning.

	Standard Output	High Output	Very High Output
INITIAL LUMENS			
2700K White:	72 lms/ft	253 lms/ft	362 lms/ft
3000K White:	81 lms/ft	284 lms/ft	406 lms/ft
3500K White:	83 lms/ft	289 lms/ft	413 lms/ft
4000K White:	88 lms/ft	307 lms/ft	438 lms/ft
POWER CONSUMPTION*			
	1.02 w/ft	3.81 w/ft	5.08 w/ft

Non-standard color temperatures available as a custom offering at additional cost and lead-time.

Construction

Extruded aluminum housing coupled with a patented optical assembly may not be disassembled for re-lamping. Customized acrylic optics offer very high transmissivity, UV stability and excellent longevity. Three mounting bracket options include: surface, side surface and field adjustable. Bracket material is composed of stainless steel for ease of installation and removal as required.

Electrical

4'-0" 22 AWG, 300 volt rated power cords are supplied on one or both ends of the fixture as specified. Field configurable electrical feed guards against unforseen field conditions. For detailed information regarding daisy chain limitations, remote distance limitations, power supply options, and dimming options consult the io website (www.iolighting.com) or an io representative.

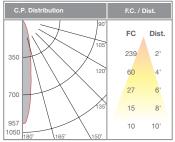
DRIVER REMOTE DISTANCE

7'-0" (2.1m) w/22 AWG 18'-0" (5.5m) w/18 AWG 46'-0" (14.0m) w/14 AWG 71'-0" (21.6m) w/12 AWG

Anodized aluminum finish is standard. Custom finishes may be available upon request.

^{*} Power Consumption dos not include power supply losses.

36" 3KHO 10 DEGREE*



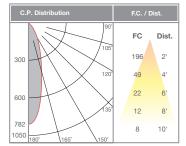
* Note: Light output / distributions baed on IES file

NEW FIELD CONFIGURABLE ELECTRICAL FEED

RIGHT SIDE FEED

TOP FFFD

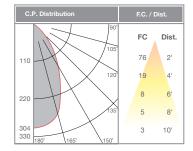
36" 3KHO 25 DEGREE*





SECONDARY END CAP

36" 3KHO 55 DEGREE*



LIGHT OUTPUT CONVERSION TABLE

	Standard Output	High Output	Very High Output
2700K White	0.25(1)	0.94(1)	1.30(1)
3000K White	0.27(1)	1.00(1)	1.39(1)
3500K White	0.29(1)	1.06(1)	1.54(1)
4000K White	0.29(1)	1.06(1)	1.49(1)

Note: Visit www.iolighting.com or contact an io representative for IES format photometrics.

END FEED

LEFT SIDE FEED

Mounting Options

Order Code

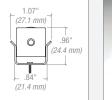


of electrical feed in the field.

Note: Electrical contractor may adjust orientation

100 Surface (io part #: SA.BK.SURF)

03





101 Side surface (io part #: SA.BK.WALL)



(32.8 mm)

1.07"

(27.1 mm)

102 Field adjustable (io part #: SA.BK.ADJMT)

9

LINE SERIES .75 SO, HO or VHO **LOCATION**

Interior

0

03

3	COLOR
27K	White 2700K SO ⁽¹⁾
27KH0	White 2700K HO ⁽¹⁾
27KVH0	White 2700K VHO(1)
3K	White 3000K SO ⁽¹⁾
3KH0	White 3000K HO ⁽¹⁾
3KVH0	White 3000K VHO(1)
35K	White 3500K SO ⁽¹⁾
35KH0	White 3500K HO ⁽¹⁾
35KVH0	White 3500K VHO(1)
4K	White 4000K SO ⁽¹⁾
4KHO	White 4000K HO ⁽¹⁾
4KVH0	White 4000K VHO(1)
CC	Custom Color(2)

DISTRIBUTION 10 Degree

3

5.	MOUNTING
55	55 Degree
25	25 Degree

10

100	Surface
101	Side surface
102	Field adjustable

6. FINISH

1	Anodized	aluminum
2	Anodized	custom color

5 LENGTH

01	6"	(6.53"/165.86mm)
02	12"	(12.22"/310.38mm)
03	18"	(17.97"/456.43mm)
04	24"	(23.53"/597.66mm)
05	30"	(29.22"/742.18mm)
06	36"	(34.97"/888.23mm)
07	42"	(40.53"/1029.46mm)
80	48"	(46.22"/1173.98mm)
09	54"	(51.97"/1320.03mm)
10	60"	(57.53"/1461.26mm)
11	66"	(63.22"/1605.78mm)
12	72"	(68.97"/1751.83mm)

ACTUAL (in/mm)

1.13"

(28.7 mm)

0

.84" (21.4 mm) .84"

.78"

(19.9 mm)

ELECTRICAL FEED

2	One end feed
22	Double end feed
Note:	Electrical contractor may
adjus	t orientation of electrical
feed i	in the field.

VOLTAGE / DIMMING

1	12UV
2	277v
3	120v w/dim
Λ	277v w/dim

Other (International voltage)

10 SPECIFY DRIVER / **DIMMING**

Note: If not specified otherwise, io will supply 100 watt drivers. Download Power Supply specification sheet from www.iolighting.com.

CE Available upon request.





1. White light variance between LEDs is equal to or better than 3-step MacAdam Binning.

2. Non-standard color temperature and CRI are available. Consult factory for availability.

io Lighting reserves the right to modify the design or performance of our products at any time.