

DESCRIPTION

79OS is an enhanced addition to the perimeter wall wash family. This open slot wall washer in a simple format, just a wall disappearing into an open slot trimmed out with a room side extrusion, which totally hides the lamps from any viewing angle. Smooth graduated wall illumination. Telescopic housing eliminates all fillers, and provides for an easy to install adjustable run configuration.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

A ... Construction

20-gauge steel telescopic housing with 16" of adjustability.

B ... Electrical

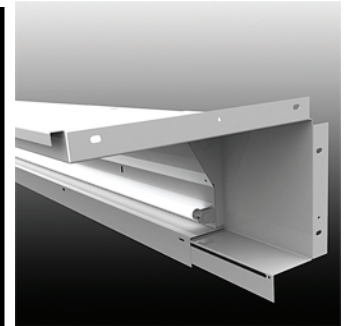
120, 277, 347, or Universal Voltage electronic ballast. Fixtures and electrical components certified to UL and CUL standards.

C ... Finish

Durable, low gloss, white, powder coated finish.

Mounting

Recessed.

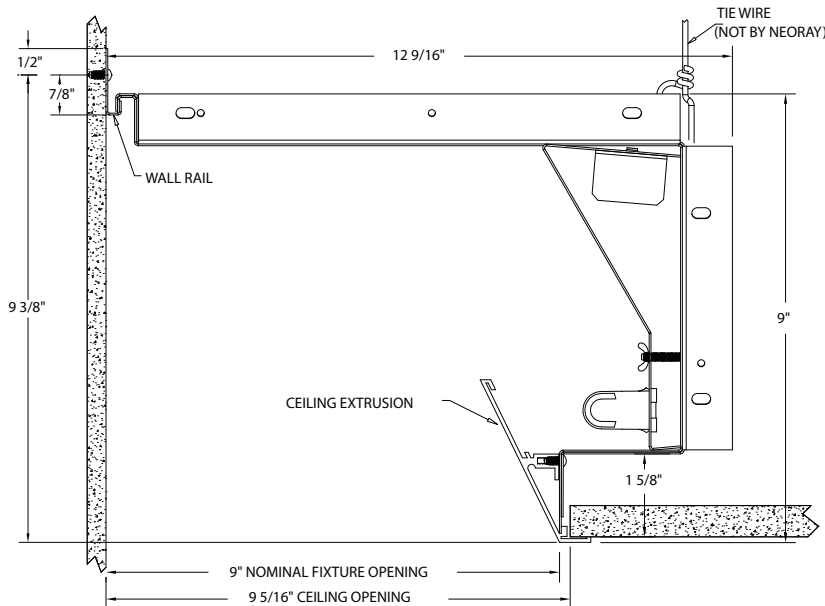


79-OS Continuous

1T8
1T5
T5HO

Perimeter
Direct Wall Wash

Light Distribution:
Indirect - 0.0%
Direct - 100.0%



Note: Actual wall length must be provided; **Do Not round up!**
Refer to run length chart on page 3

Ordering Information

Sample Number: 79OS-1T5-300-UEB-SI

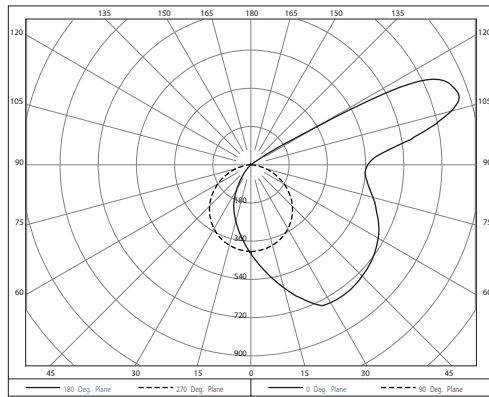
79OS	1							
Series 79OS = 79OS	Number of Lamps 1=1 Lamp	Lamp Type T8=T8 T5=T5 T5HO=T5HO	Length of run along the wall ² ___Ft___In	Voltage ¹ 1=120V 2=277V 3=347V U=Universal	Ballast EB=Electronic Ballast DB=Dimming Ballast	Switching Options SI= Single Switching	Fusing GLR= GLR GMF= GMF	Flanged End Plate Option ³ EP = End Plate
Emergency EM= Emergency Pack EC= Emergency Circuit								

Notes:

- Not all options available. Please consult your Cooper Lighting Representative for availability.
- Do not round up
- No flanged end plates are provided. Wall serves as the end condition.
If flanged end plate is required, order EP. See graphics on page 2.

79OS

79OS-1T5HO-4I-2EB-SI

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	345.86	7.90	14.70
0-40	586.04	13.30	24.90
0-60	1111.32	25.30	47.20
0-90	1749.96	39.80	74.40
0-180	2352.63	53.50	100.00

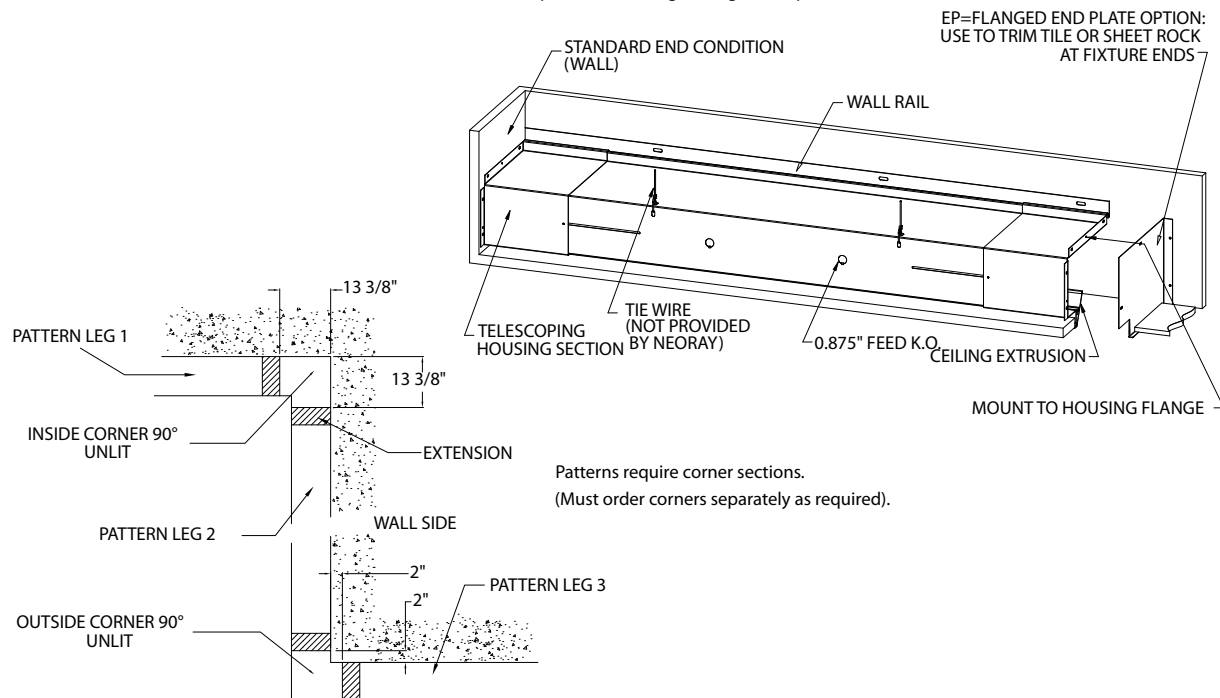
Total Luminaire Efficiency = 53.50%
 Total Rated Lamp Lumens 4400
 Total Luminaire Watts 59
 Ballast Factor 1.00
 CIE Type Semi-Direct
 Luminous Length (0-180) 0.74 ft
 Luminous Width (90-270) 3.83 ft
 Luminous Height 0.67 ft
 Report#: 12281

Candela

Angle	0	45	90
0	413	413	413
5	475	448	406
10	537	484	401
15	600	519	393
25	726	589	366
35	753	642	327
45	742	620	277
55	714	567	214
65	664	510	145
75	596	427	74
80	562	383	41
90	550	344	0

Mounting Information

NOTE: No flanged end plates are provided. Wall serves as the end condition.
 If flanged end plate is required, order "EP".
 EP contains a pair of left and right flanged end plates.



Patterns require corner sections.
 (Must order corners separately as required).

Specify wall length in __ Ft __ Inches. Do not round up.

Table below depicts resulting run lengths based only on nominal lengths.

NOMINAL LENGTH (FEET)	T5		T8		NOMINAL LENGTH (FEET)	T5		T8	
	MINIMUM LENGTH (LIGHTED)	MAXIMUM LENGTH	MINIMUM LENGTH (LIGHTED)	MAXIMUM LENGTH		MINIMUM LENGTH (LIGHTED)	MAXIMUM LENGTH	MINIMUM LENGTH (LIGHTED)	MAXIMUM LENGTH
3'	2' 10 1/4"	4' 2 1/4"	3' 0"	4' 4"	52'	51' 9 1/4"	53' 1 1/4"	52' 0"	53' 4"
4'	3' 10 1/8"	5' 2 1/8"	4' 0"	5' 4"	53'	52' 9 1/8"	54' 1 1/8"	53' 0"	54' 4"
5'	4' 8 3/4"	6' 0 3/4"	5' 0"	6' 4"	54'	53' 8 7/8"	55' 0 7/8"	54' 0"	55' 4"
6'	5' 8 1/2"	7' 0 1/2"	6' 0"	7' 4"	55'	54' 7 1/2"	55' 11 1/2"	55' 0"	56' 4"
7'	6' 8 3/8"	8' 0 3/8"	7' 0"	8' 4"	56'	55' 7 3/8"	56' 11 3/8"	56' 0"	57' 4"
8'	7' 8 1/8"	9' 0 1/8"	8' 0"	9' 4"	57'	56' 7 1/8"	57' 11 1/8"	57' 0"	58' 4"
9'	8' 6 3/4"	9' 10 3/4"	9' 0"	10' 4"	58'	57' 7 1/16"	58' 11 1/16"	58' 0"	59' 4"
10'	9' 6 5/8"	10' 10 5/8"	10' 0"	11' 4"	59'	58' 5 5/8"	59' 9 5/8"	59' 0"	60' 4"
11'	10' 6 3/8"	11' 10 3/8"	11' 0"	12' 4"	60'	59' 5 3/8"	60' 9 3/8"	60' 0"	61' 4"
12'	11' 6 1/4"	12' 10 1/4"	12' 0"	13' 4"	61'	60' 5 1/4"	61' 9 1/4"	61' 0"	62' 4"
13'	12' 4 7/8"	13' 8 7/8"	13' 0"	14' 4"	62'	61' 5 1/16"	62' 9 1/16"	62' 0"	63' 4"
14'	13' 4 5/8"	14' 8 5/8"	14' 0"	15' 4"	63'	62' 3 5/8"	63' 7 5/8"	63' 0"	64' 4"
15'	14' 4 1/2"	15' 8 1/2"	15' 0"	16' 4"	64'	63' 3 1/2"	64' 7 1/2"	64' 0"	65' 4"
16'	15' 4 1/4"	16' 8 1/4"	16' 0"	17' 4"	65'	64' 3 1/4"	65' 7 1/4"	65' 0"	66' 4"
17'	16' 2 7/8"	17' 6 7/8"	17' 0"	18' 4"	66'	65' 3 1/8"	66' 7 1/8"	66' 0"	67' 4"
18'	17' 2 3/4"	18' 6 3/4"	18' 0"	19' 4"	67'	66' 1 3/4"	67' 5 3/4"	67' 0"	68' 4"
19'	18' 2 1/2"	19' 6 1/2"	19' 0"	20' 4"	68'	67' 1 1/2"	68' 5 1/2"	68' 0"	69' 4"
20'	19' 2 3/8"	20' 6 3/8"	20' 0"	21' 4"	69'	68' 1 3/8"	69' 5 3/8"	69' 0"	70' 4"
21'	20' 1 1/16"	21' 5 1/16"	21' 0"	22' 4"	70'	69' 11 3/4"	71' 3 3/4"	70' 0"	71' 4"
22'	21' 0 3/4"	22' 4 3/4"	22' 0"	23' 4"	71'	70' 11 5/8"	72' 3 5/8"	71' 0"	72' 4"
23'	22' 0 5/8"	23' 4 5/8"	23' 0"	24' 4"	72'	71' 11 3/8"	73' 3 3/8"	72' 0"	73' 4"
24'	23' 11 1/16"	25' 3 1/16"	24' 0"	25' 4"	73'	72' 11 1/4"	74' 3 1/4"	73' 0"	74' 4"
25'	24' 10 7/8"	26' 2 7/8"	25' 0"	26' 4"	74'	73' 9 7/8"	75' 1 7/8"	74' 0"	75' 4"
26'	25' 10 5/8"	27' 2 5/8"	26' 0"	27' 4"	75'	74' 9 5/8"	76' 1 5/8"	75' 0"	76' 4"
27'	26' 10 1/2"	28' 2 1/2"	27' 0"	28' 4"	76'	75' 9 1/2"	77' 1 1/2"	76' 0"	77' 4"
28'	27' 9 1/8"	29' 1 1/8"	28' 0"	29' 4"	77'	76' 9 1/4"	78' 1 1/4"	77' 0"	78' 4"
29'	28' 8 7/8"	30' 0 7/8"	29' 0"	30' 4"	78'	77' 7 7/8"	78' 11 7/8"	78' 0"	79' 4"
30'	29' 8 3/4"	31' 0 3/4"	30' 0"	31' 4"	79'	78' 7 3/4"	79' 11 3/4"	79' 0"	80' 4"
31'	30' 8 1/2"	32' 0 1/2"	31' 0"	32' 4"	80'	79' 7 1/2"	80' 11 1/2"	80' 0"	81' 4"
32'	31' 7 1/8"	32' 11 1/8"	32' 0"	33' 4"	81'	80' 7 3/8"	81' 11 3/8"	81' 0"	82' 4"
33'	32' 7 1/16"	33' 11 1/16"	33' 0"	34' 4"	82'	81' 6 1/16"	82' 10 1/16"	82' 0"	83' 4"
34'	33' 6 3/4"	34' 10 3/4"	34' 0"	35' 4"	83'	82' 5 3/4"	83' 9 3/4"	83' 0"	84' 4"
35'	34' 6 5/8"	35' 10 5/8"	35' 0"	36' 4"	84'	83' 5 5/8"	84' 9 5/8"	84' 0"	85' 4"
36'	35' 5 1/4"	36' 9 1/4"	36' 0"	37' 4"	85'	84' 5 3/8"	85' 9 3/8"	85' 0"	86' 4"
37'	36' 5 1/16"	37' 9 1/16"	37' 0"	38' 4"	86'	85' 4 1/16"	86' 8 1/16"	86' 0"	87' 4"
38'	37' 4 7/8"	38' 8 7/8"	38' 0"	39' 4"	87'	86' 3 7/8"	87' 7 7/8"	87' 0"	88' 4"
39'	38' 4 5/8"	39' 8 5/8"	39' 0"	40' 4"	88'	87' 3 5/8"	88' 7 5/8"	88' 0"	89' 4"
40'	39' 3 1/4"	40' 7 1/4"	40' 0"	41' 4"	89'	88' 3 1/2"	89' 7 1/2"	89' 0"	90' 4"
41'	40' 3 1/8"	41' 7 1/8"	41' 0"	42' 4"	90'	89' 2 1/8"	90' 6 1/8"	90' 0"	91' 4"
42'	41' 2 7/8"	42' 6 7/8"	42' 0"	43' 4"	91'	90' 1 7/8"	91' 5 7/8"	91' 0"	92' 4"
43'	42' 2 3/4"	43' 6 3/4"	43' 0"	44' 4"	92'	91' 1 3/4"	92' 5 3/4"	92' 0"	93' 4"
44'	43' 1 3/8"	44' 5 3/8"	44' 0"	45' 4"	93'	92' 1 1/2"	93' 5 1/2"	93' 0"	94' 4"
45'	44' 1 1/8"	45' 5 1/8"	45' 0"	46' 4"	94'	94' 0 1/16"	95' 4 1/16"	94' 0"	95' 4"
46'	45' 1 1/16"	46' 5 1/16"	46' 0"	47' 4"	95'	94' 11 3/4"	96' 3 3/4"	95' 0"	96' 4"
47'	46' 11 3/8"	48' 3 3/8"	47' 0"	48' 4"	96'	95' 11 5/8"	97' 3 5/8"	96' 0"	97' 4"
48'	47' 11 1/4"	49' 3 1/4"	48' 0"	49' 4"	97'	96' 10 1/4"	98' 2 1/4"	97' 0"	98' 4"
49'	48' 11 1/16"	50' 3 1/16"	49' 0"	50' 4"	98'	97' 10 1/16"	99' 2 1/16"	98' 0"	99' 4"
50'	49' 10 7/8"	51' 2 7/8"	50' 0"	51' 4"	99'	98' 9 7/8"	100' 1 7/8"	99' 0"	100' 4"
51'	50' 9 1/2"	52' 1 1/2"	51' 0"	52' 4"	100'	99' 9 5/8"	101' 1 5/8"	100' 0"	101' 4"