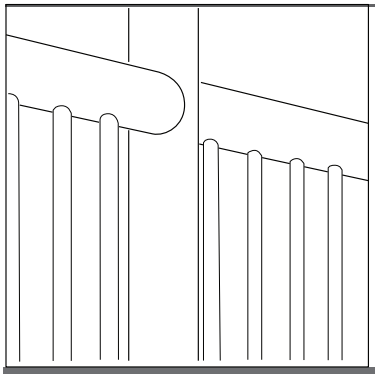
Efficient-Tec International, LLC
Stainless Steel Systems S^3

DATE:
CUSTOMER:
PROJECT:



MARIDA

Vertical Picket Design

Intertek | LED BUILT IN | 0-10V DIMMABLE | 80 CRI | L.O. 1.34W/ft | M.O. 2.77W/ft | H.O. 3.87W/ft | IP67

ILLUMINATED RAILING OPTIONS

DESIGN LINE NAME	1 MATERIAL & FINISH	2 RAIL SIZE	3 MOUNTING STYLE	4 INFILL OPTIONS	5 LIGHT DISTRIBUTION	6 LED OUTPUT	7 LENS STYLE	8 ILLUMINATION COLOR	9 DRIVER TYPE	10 LENGTH IN FEET
MARIDA ILLUMINATED										

1 MATERIAL & FINISH

SS	316 Stainless Steel w/#6 (320 grit) Satin Finish
SP	316 Stainless Steel w/#8 High Polish Finish
ALPC	6063 Aluminum w/Powder Coat Finish *(RAL Required)*

2 RAIL SIZE

1	1.67" O.D. Stainless Steel 1-¼" Pipe
2	1.90" O.D. Stainless Steel 1-½" Pipe
3	1.50" Square Stainless Steel
4	1.66" O.D. Aluminum 1-¼" Pipe
5	1.90" O.D. Aluminum 1-½" Pipe

3 MOUNTING STYLE

EM	Embed Mount
FL	Flange Mount
FM	Fascia Mount

4 INFILL OPTIONS

VR12	12mm Vertical Stainless Steel Rods
VR14	14mm Vertical Stainless Steel Rods

5 LIGHT DISTRIBUTION

SY	Symmetric
AS	Asymmetric

6 * LED OUTPUT

1	Low Output (1.34W / 173lm per ft.)
2	Medium Output (2.77W / 334lm per ft.)
3	High Output (3.87W / 443lm per ft.)
4	Dot System (1.5W)

** See page 3 for specifications based upon medium / high output & Dot System*

7 LENS STYLE

1	Clear w/ prismatic diffusers
2	Opal White w/ diffusers
3	Clear w/ no diffusion (asymmetric)
4	Dot System - Clear

8 ** ILLUMINATION COLOR

1L	Linear Warm White 2700K CCT
2L	Linear Warm White 3000K CCT
3L	Linear White 4000K CCT
4L	Amber
5L	RGBW
DOT SYSTEM	
1D	Dot System Warm White 2700K CCT
2D	Dot System Warm White 3000K CCT
3D	Dot System White 4000K CCT

***See page 3 for specifications based upon Color Temperature (CCT)*

9 DRIVER

1	Remote
2	Integral

10 LENGTH IN FEET

ENTER LENGTH IN FEET

(Non-Illuminated options & form on next page)

MARIDA

Vertical Picket Design

NON-ILLUMINATED RAILING OPTIONS

DESIGN LINE NAME	1 MATERIAL & FINISH	2 RAIL SIZE	3 MOUNTING STYLE	4 INFILL OPTIONS	5 LENGTH IN FEET
MARIDA **NON-ILLUMINATED**					

1 MATERIAL & FINISH

SS	316 Stainless Steel w/#6 (320 grit) Satin Finish
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EM	Embed Mount
FL	Flange Mount
FM	Fascia Mount

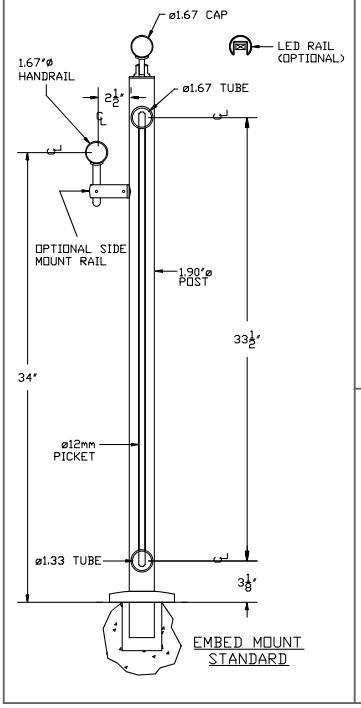
4 INFILL OPTIONS

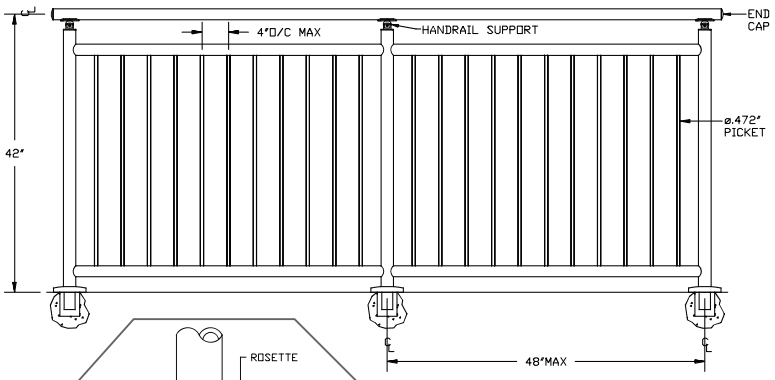
VR12	12mm Vertical Stainless Steel Rods
VR14	14mm Vertical Stainless Steel Rods

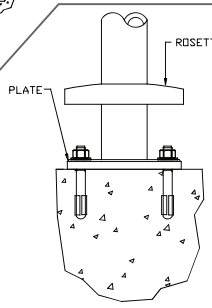
5 LENGTH IN FEET

ENTER LENGTH IN FEET

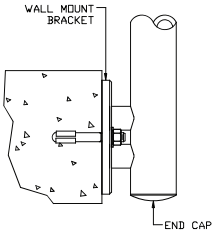
(Illuminated options & form on previous page)







BASE PLATE MOUNT OPTION



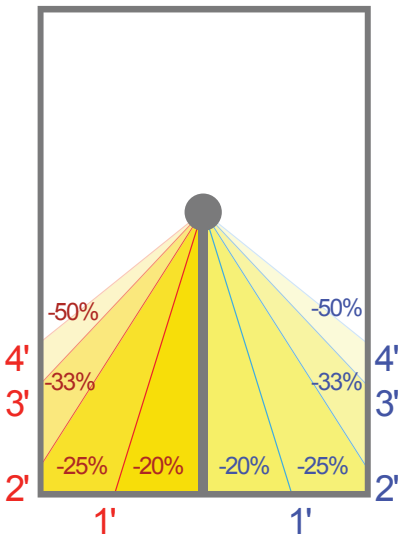
SIDE MOUNT OPTION

MARIDA

Vertical Picket Design

LED OUTPUT

Handrail Linearflex®



							lumen/ft & lumen/W based upon color temp			
LOW LED OUTPUT	Intertek	LED BUILT IN		DIMMABLE	80 CRI	L.O. 1.34W/ft	2700K CCT	lm/ft 173	lm/W 130	IP 67
	Intertek	LED BUILT IN		DIMMABLE	80 CRI	L.O. 1.34W/ft	3000K CCT	lm/ft 173	lm/W 132	IP 67
	Intertek	LED BUILT IN		DIMMABLE	80 CRI	L.O. 1.34W/ft	4000K CCT	lm/ft 173	lm/W 142	IP 67
MEDIUM LED OUTPUT	Intertek	LED BUILT IN		DIMMABLE	80 CRI	M.O. 2.77W/ft	2700K CCT	lm/ft 334	lm/W 124	IP 67
	Intertek	LED BUILT IN		DIMMABLE	80 CRI	M.O. 2.77W/ft	3000K CCT	lm/ft 334	lm/W 129	IP 67
	Intertek	LED BUILT IN		DIMMABLE	80 CRI	M.O. 2.77W/ft	4000K CCT	lm/ft 334	lm/W 136	IP 67
HIGH LED OUTPUT	Intertek	LED BUILT IN		DIMMABLE	80 CRI	H.O. 3.87W/ft	2700K CCT	lm/ft 443	lm/W 115	IP 67
	Intertek	LED BUILT IN		DIMMABLE	80 CRI	H.O. 3.87W/ft	3000K CCT	lm/ft 443	lm/W 119	IP 67
	Intertek	LED BUILT IN		DIMMABLE	80 CRI	H.O. 3.87W/ft	4000K CCT	lm/ft 443	lm/W 126	IP 67

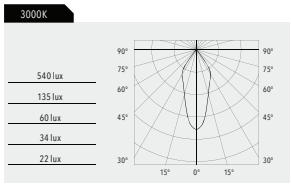
Handrail Dot®

Intertek | IP66 | IK10 | on/off, 0-10V | 316 SS Housing | PC Lens | Ta min -20°C -4°F, Ta max +50°C +122°F

Power	1.5 W (500mA)			
Color temperatures	2700K	3000K	4000K	5000K
Lumens output	60° - 114 lm 120° - 120 lm 90°(asymmetric) - 108 lm	60° - 120 lm 120° - 126 lm 90°(asymmetric) - 114 lm	60° - 136 lm 120° - 143 lm 90°(asymmetric) - 129 lm	60° - 136 lm 120° - 143 lm 90°(asymmetric) - 129 lm
Luminaire efficiency	72 to 80 lm/W	76 to 84 lm/W	86 to 96 lm/W	86 to 96 lm/W
Measures / Weight	.58 in x .59 in / .22 lb			

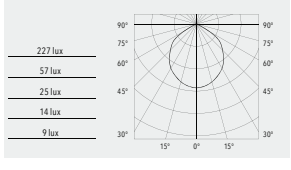
Handrail Dot® 60° 3000K

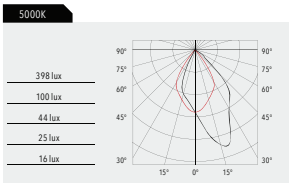
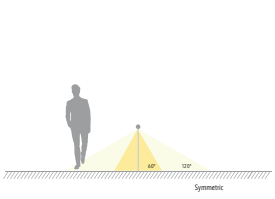
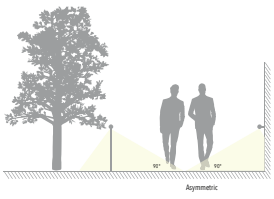
Distance	Beam	Diameter		
1.64 ft		1.08 ft	540 lux	
3.28 ft		2.20 ft	135 lux	
4.92 ft		3.28 ft	60 lux	
6.56 ft		4.40 ft	34 lux	
8.20 ft	60°	5.48 ft	22 lux	



Handrail Dot® 120° 3000K

Distance	Beam	Diameter		
0.5 m		3.90 ft	227 lux	
1 m		7.81 ft	57 lux	
1.5 m		11.71 ft	25 lux	
2 m		15.62 ft	14 lux	
2.5 m	120°	19.52 ft	9 lux	



Handrail Dot® Asym. 90° 5000K

Distance	Beam	Diameter		
0.5 m		2.13 x 2.40 ft	398 lux	
1 m		4.27 x 4.82 ft	100 lux	
1.5 m		6.36 x 7.22 ft	44 lux	
2 m		8.50 x 9.65 ft	25 lux	
2.5 m	30x70°	10.63 x 12.04 ft	16 lux