GRAPHIS LED

BOLLARDS RANGE

technical **characteristics** (Customer requested sizes available with no upcharge)

	Graphis S	Graphis M	Graphis L
Height (in)	23.6	35.4	47.2
Weight (lbs)	8.3	10.3	12.4
Protection index			
Optical unit		IP 65	
Electrical compartment		IP 54	
Shock resistance		IK 10	
Materials:			
Body		Aluminum	
Protector		Frosted PC with Anti-UV Treatment	

electrical **characteristics**

- Power current up to 800 mA
- Electrical class: II
- Incorporated driver
- Varistor (protection against hight voltages)
- Optional lighting management systems: automatic time-related lowering of intensity with up to 5 levels, presence detection, constant flux, graduation by means of voltage variation, command 1-10V, communication DALI or PWM.

lighting **distributions**

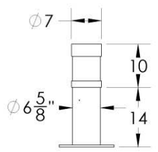
Type IV

Type V

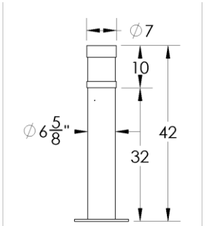
All information is subject to change without notice
Last Updated: 06/07/2021

www.ragni-lighting.com

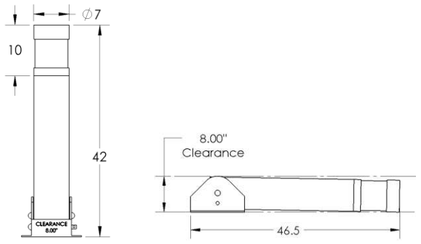
dimensions **(in/ft)**



10" Luminaire Section
with GRAP-14 Pole

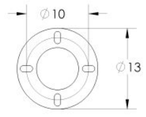


10" Luminaire Section
with GRAP-32-Std

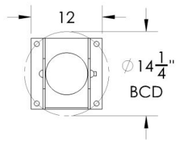


OPTIONAL: Bollard with Hinged Base

10" Base
Plate



10" with
32-Hinge



POWER AND LUMINOUS INTENSITY - *luminaire output data*

3000K

Number of LEDs	350 mA			500 mA			700 mA		
	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)
8	18.5	2345	125	26.5	3320	124	38.5	4480	116

4000K

Number of LEDs	350 mA			500 mA			700 mA		
	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)
8	18.5	2460	132	26.5	3485	131	38.5	4706	122

Pt (W) = Total power consumption including driver consumption • Nominal flux (lm) • Luminous efficiency (lm/W)

ORDERING **INFORMATION**

Fixture	Module	Size	CCT	Drive Current	Distribution	Line Voltage	Color
GRA	AS2						
		S - (24")	3 - (3000K)	35- (350 mA)	T4	1 - (120-277)	BLK - (Black)
		M - (36")	4 - (4000K)	50 - (500 mA)	T5	3 - (347-480)	BRZ - (Bronze)
		L - (48")		70 - (700 mA)			SLV - (Silver)
		Custom		Custom			WHT - (White)
							RAL #