

LumaCrete Q3D Concrete Printed Bollards

The LumaCrete Q3D Printed Concrete Bollards family consists of four unique, durable concrete form designs in a choice of four colors and five luminaire head selections. Heads are available in a variety of semi-cutoff and luminous white lens options. LED technology provides controlled optical performance and high energy efficiency. The concrete body provides long term durability and vandal resistance. These fixtures are ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities.

Specifications and Features:

LED

- Conformal Coating LED light engine
- CCT: Standard-3000K, 4000K, & 5000K
- 2700K, Amber, LPS (1800K) Offered for Some Wattages - Consult Factory
- Static Colors Available - Contact Factory

Distribution

- Types II, III, IV, V

Electrical

- Electronic Driver, 120-277V, 50/60Hz or 347/480V, 50/60Hz
- 0-10v Dimmable Driver
- Standard Surge Protection Included (6kV Line-Line; 10k-V Line-Earth)

Controls (Optional)

- Button Eye Photo Control (PC)
- House Side Shield (H)

Housing

Concrete Bollard Shaft: The concrete shaft is 3D printed using high strength modified cement based micro concrete with selected aggregates and additives utilizing unique continuous layers for a unique design appearance.

Bollard Luminaire Heads: Cast Aluminum Housing with Flush Mounting Base & Vandal-Resistant Screws, Internal Driver Tray for Easy Maintenance.

Mounting Options:

Steel 1/2" Base Plate With 1/2"x 12" Galvanized Steel Anchor Bolts.

Finish

- Super Durable Polyester Powder Coat Finish. Custom Finishes Available, Including Patinas and All RAL Colors.

Listings & Ratings

- ETL Listed to UL 1598 Standard for Wet Location and IP66.
- LED is IP66 Rated

Warranty

- 5 Year Limited Warranty



7002CBT NATLFA
Twist Concrete Printed
Bollard with Natural Stain
and Lantern Top Bollard



7002CBRBKSDL
Round Concrete Printed
Bollard with Black Stain and
Dome Top Louvers Bollard



7002CBRBKSNBR1CA
Round Concrete Printed
Bollard with Black Stain
and Nautical Head with
1 Ring

Project Information:

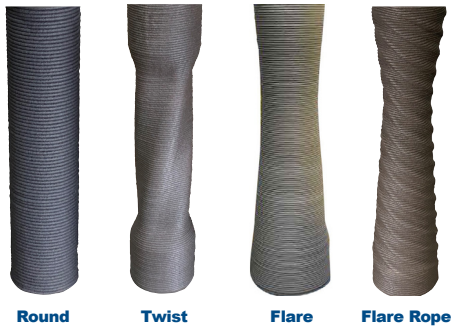
Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

Certification & Listings:

LumaCrete Q3D Concrete Printed Bollards

Order Information Example:			7002CBFRBZSHRLQGSZ							
7002CB										
Model	Concrete Form	Concrete Color	Bollard Head	Globe/Lens	Wattage	CCT	Driver	Optics	Options	Head Finish
7002CB= Concrete Printed Bollard 8" OD	R=Round T=Twist F=Flare FR=Flare Rope	BZS=Bronze Concrete Stain BKS=Black Concrete Stain SVS=Silver Concrete Stain NAT=Natural Concrete Stain (Off White)	NBR1=Nautical Head w/ 1 Ring NBR2=Nautical Head w/ 2 Rings NBR3=Nautical Head w/ 3 Rings FR=Flat Top Round DR=Dome Top Round DL=Dome Top Louvers* LT=Lantern Top (8 Sides) *Clear lens and Type V ONLY	CA=Clear Acrylic* WA=White/Acrylic** FA=Frosted Acrylic *Not Available for NB **Type V Only	10=10w 15=15w 20=20w 30=30w	3K=3000K 4K=4000K 5K=5000K	U=120-277V H=347/480V	2=Type II 3=Type III 4=Type IV 5=Type V	N=None PC=Button Eye Photo Control H=House Side Shield	STANDARD FINISHES TBK=Textured Black* TBZ=Textured Bronze* WH=White BK=Black BZ=Bronze DBZ=Dark Bronze SM=Silver Metallic GY=Light Gray CC=Custom Color (Consult Factory) *Matches LEPC B-Black and Z-Bronze

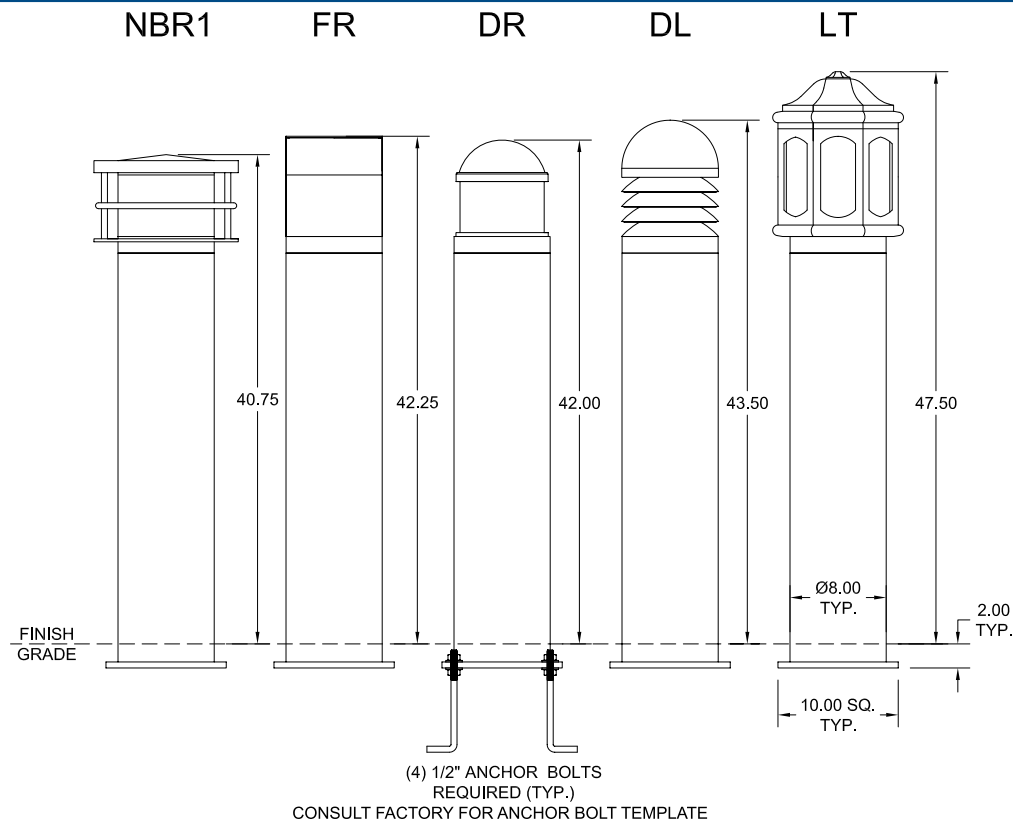
Concrete Form Selection



Bollard Head Selection



Dimensions



LumaCrete Q3D Concrete Printed Bollards

Photometric Data



6" LED
Table For NBR1, FR, DR, & LT

Lumen Output for 7002CB (Lensed Bollards)

Wattage (Catalog Logic)		10 Watts (10W)	15 Watts (15W)	20 Watts (20W)	30 Watts (30W)
LED Size (DIA.)		6"	6"	6"	6"
Input Watts		10.2	14.6	20.4	30.6
Optic	CCT	Delivered Lumens			
2 = Type II Clear or Frosted	3K	1,344	1,763	2,352	3,527
	4K	1,371	1,800	2,400	3,600
	5K	1,392	1,828	2,437	3,655
	BUG Rating	B0-U2-G1	B1-U2-G1	B1-U2-G1	B1-U2-G1
3 = Type III Clear or Frosted	3K	1,342	1,760	2,348	3,521
	4K	1,369	1,797	2,396	3,595
	5K	1,390	1,825	2,433	3,649
	BUG Rating	B1-U2-G1	B1-U2-G1	B1-U2-G1	B1-U2-G1
4 = Type IV Clear or Frosted	3K	1,312	1,721	2,296	3,443
	4K	1,339	1,758	2,343	3,515
	5K	1,359	1,784	2,379	3,569
	BUG Rating	B1-U2-G1	B1-U2-G1	B1-U2-G1	B1-U2-G1
5 = Type V Clear or Frosted	3K	1,373	1,801	2,402	3,603
	4K	1,401	1,839	2,452	3,678
	5K	1,423	1,867	2,489	3,734
	BUG Rating	B1-U2-G1	B1-U2-G1	B2-U2-G1	B2-U2-G1
5 = Type V with White Opal Lens	3K	964	1,446	1,928	2,893
	4K	984	1,477	1,969	2,953
	5K	999	1,499	1,998	2,998
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B1-U4-G2

Please refer to the fixture's IES file for detailed information. Subject to change.