

# CB18R – Contemporary Concrete Bollard – 18" Round | TYPE

- Available in 3000K, 4000K and 5000K CCT
- Body and cap are composed of precast concrete reinforced with an internal cage structure of steel
- Grills are cast aluminum with stainless steel hardware
- Inner lens is sealed to the grill frame
- Integral prewired ballast module
- Electrical module is silicone gasketed for weather tight operations
- Color of grills feature TGIC polyester powder finish coating with choice of 13 standard colors.



CB18R

1. BOLLARD				2. LAMP/BALLAST	3. FINISH	4. GRILL COLOR	5. OPTIONS
TYPE	OAH	GRILL	TOP STYLE				
CB18 R							

## 1. BOLLARD

### INTERNAL MOUNTING

	OAH (inches)	GRILL	TOP STYLE	WT (lbs.)
CB18 R	25	CUTOFF	FLAT	223
CB18 R	37	CUTOFF	FLAT	260
CB18 R	42	CUTOFF	FLAT	423
CB18 R	29	CUTOFF	DOME	240
CB18 R	41	CUTOFF	DOME	277
CB18 R	46	CUTOFF	DOME	440
CB18 R	25	HORZ	FLAT	223
CB18 R	37	HORZ	FLAT	260
CB18 R	42	HORZ	FLAT	423
CB18 R	29	HORZ	DOME	240
CB18 R	41	HORZ	DOME	277
CB18 R	46	HORZ	DOME	440
CB18 R	23	VERT	FLAT	223
CB18 R	35	VERT	FLAT	260
CB18 R	40	VERT	FLAT	423
CB18 R	27	VERT	DOME	240
CB18 R	39	VERT	DOME	277
CB18 R	44	VERT	DOME	440

### EXTERNAL MOUNTING

	OAH (inches)	GRILL	TOP STYLE	WT (lbs.)
CB18 R	25	CUTOFF	FLAT	260
CB18 R	38	CUTOFF	FLAT	423
CB18 R	43	CUTOFF	FLAT	463
CB18 R	29	CUTOFF	DOME	277
CB18 R	42	CUTOFF	DOME	440
CB18 R	47	CUTOFF	DOME	480
CB18 R	25	HORZ	FLAT	260
CB18 R	38	HORZ	FLAT	423
CB18 R	43	HORZ	FLAT	463
CB18 R	29	HORZ	DOME	277
CB18 R	42	HORZ	DOME	440
CB18 R	47	HORZ	DOME	480
CB18 R	23	VERT	FLAT	260
CB18 R	36	VERT	FLAT	423
CB18 R	41	VERT	FLAT	463
CB18 R	27	VERT	DOME	277
CB18 R	40	VERT	DOME	440
CB18 R	45	VERT	DOME	480

## 2. LAMP/BALLAST

120-277VAC (50/60Hz) input.

72LED-WW	74 watts, IES Type 5, 3000K CCT
72LED-NW	74 watts, IES Type 5, 4000K CCT
72LED-BW	74 watts, IES Type 5, 5000K CCT

## 3. CONCRETE FINISH

MSB (*Medium sandblast, natural color finish*)  
AGR (*Exposed aggregate finish*)

## 4. GRILL COLOR

### Standard Color

WH	Arctic White
BL	Black
BLT	Matte Black
DB	Dark Bronze
DGN	Dark Green
TT	Titanium
WDB	Weathered Bronze
MDB	Bronze Metallic
VBU	Verde Blue
CRT	Corten
MAL	Matte Aluminum
MG	Medium Grey
AGN	Antique Green
LG	Light Grey

### Premium Color

SHK	Shamrock
SPP	Salt and Pepper
SFM	Seafoam
WCP	Weathered Copper
RAL	RAL 4 digit Color
CUSTOM	Custom Color

## 5. OPTIONS

RBC (*A single gang junction box, cast in place, weatherproof cover only. Consult factory for location*)

Colored Concrete (*Based on Davis colors. For custom color and aggregate, customer must provide aggregate, sand, and colorant*)

## SPECIFICATIONS

### CONCRETE BODY AND CAP

The body and caps are composed of precast concrete reinforced with an internal cage structure of steel. The concrete bodies are one-piece castings with a minimum wall thickness of 3"/75mm. All threaded inserts are welded to the steel reinforcing cage and cast in place. The base plate for anchoring is 1/4" hot dipped galvanized steel.

### GRILL

Grills shall be cast aluminum, minimum wall thickness of .250 inches. All castings shall be pure aluminum #356 alloy, free of any foreign material or porosity. Grills shall have cast-in-place, integral mounting lugs for attachment to the concrete base. The inner lens shall be sealed to the grill frame. CB9 shall have a lightly diffused DR acrylic lens. CB12 and CB18 models shall have an opal acrylic lens. The grill assembly shall have a silicone gasket on the top and bottom for weather tight operation. Recessed stainless steel screws may be loosened for service access.

### CUTOFF

Models with cutoff grill provide IES cutoff classification meaning less than 2.5% of light is emitted above 90° horizontal.

### Electrical Module

The electrical module consists of the ballast module and lamp housing. All housing parts are aluminum with stainless steel hardware. The ballast module is prewired on an aluminum strap mounted to the underside of the lamp housing. The electrical module is silicone gasketed for weather tight operation.

See next page

JOB \_\_\_\_\_  
TYPE \_\_\_\_\_  
NOTES \_\_\_\_\_

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## FINISH

Concrete surface finish is natural concrete with a medium sandblast etch or exposed aggregate. Medium sandblast finish includes a clear anti-vandal sealer.

Grill finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

## CERTIFICATION

All bollards shall be listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 no.250

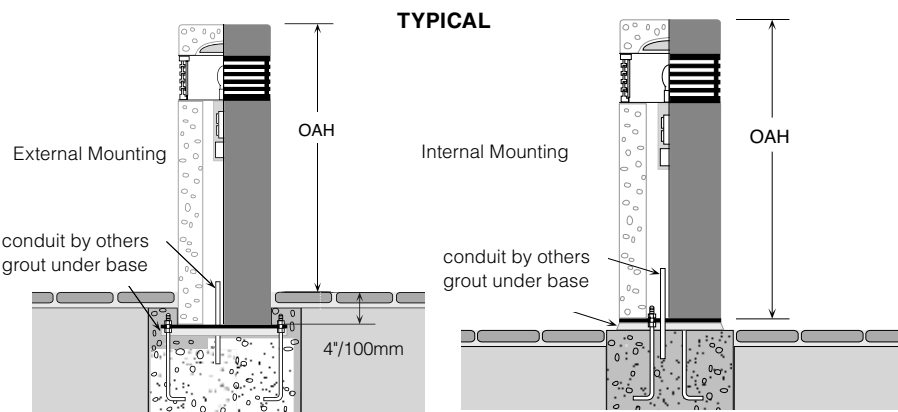
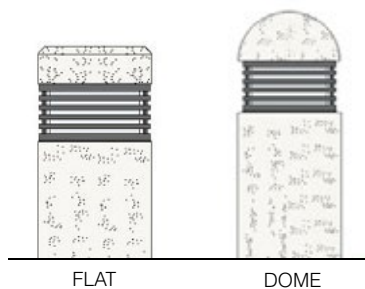
## WARRANTY / TERMS AND CONDITIONS OF SALE

Download:

<http://www.hubbellighting.com/resources/warranty/>

AAL reserves the right to change product specifications without notice.

## DIMENSIONS



## CB18R 72LED WW

WATTAGE: 84.9

LUMEN OUTPUT: 884

EFFICACY: 10.4 Lm/W

## B1 U3 G1

### FORWARD LIGHT LUMEN

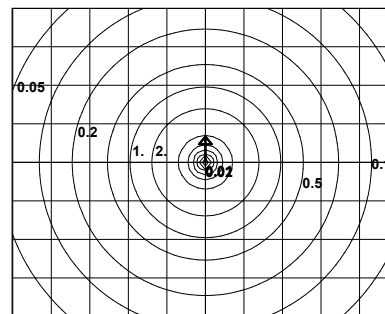
FL	30°	0.7%	6
FM	60°	15.6%	138
FH	80°	17.9%	159
FVH	90°	6.3%	56

### BACK LIGHT

BL	30°	0.7%	6
BM	60°	15.6%	138
BH	80°	17.9%	159
BVH	90°	6.3%	56

### UPLIGHT

UL	100°	7.0%	62
UH	180°	12.0%	106



UPLIGHT 19%  
DOWNLIGHT 81%

[IES files can be found at www.aal.net](http://www.aal.net)