

Project: _____ Type: _____
 Drawn by: _____ Catalogue #: _____ Date: _____

Individual Spec Sheet

RDE-L

LED POST TOP

ORDERING INFORMATION

Order code: 68180
Model number: RDE-LS35-W/50KBKPR
UPC: 069549015036
Case quantity: 1/1
DLC unique ID: PLOY2BH5CN5B

PHYSICAL DATA

Dimensions: 17.7" x 30.37" (431.8 mm x 762 mm)
Type: Post top
Finish: Black
Lens material: Clear glass

PERFORMANCE DATA

Watts (W): 150
Volts (VAC): 120-277
Color temperature (K):¹ 5 000
Lumen output (lm):² 16 200
Lumen per Watts (lm/W): 108
CRI: 70
Distribution type: Type V
EPA (ft²): 1.96
Life L70 (h):³ 54 000
Dimming: 0-10 V
Power factor: 0.97 - 0.99
THD (%): 4.2 - 6.6
Frequency (Hz): 50/60
Surge protection (kV): 10
Output current (mA): 84
Operating temp. range: -40°C to +40°C

¹ Typical color temperature range: +/- 5 %

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %

³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations



5
 yrs
warranty

**quick
 ship**

**LED
 fixture**

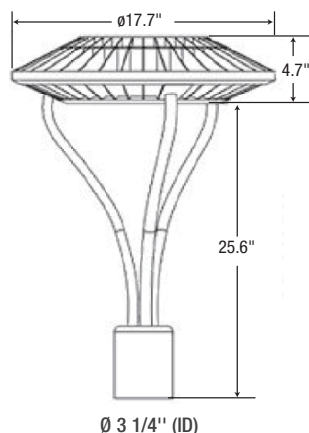
**IP
 65**

**ICES
 005**

**DLC QPL
 LISTED**

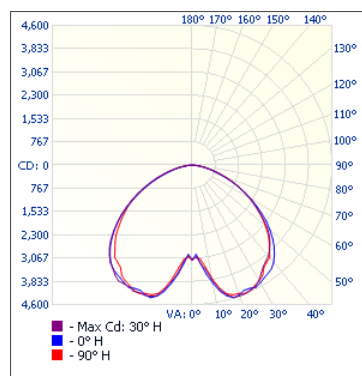
**ETL
 LISTED**

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

DIMENSIONS

ORDERING GUIDE

Series	Lamp type	Lumen package (W)	Distribution type	Volts (V)	Color temp. (K)	Casting color	Mandatory option	Options
RDE	L - LED	S1 - 70 S2 - 100 S3 - 150	5 - Type 5	W - 120-277 H - 347-480	40K - 4 000 50K - 5 000	BK - Black (standard) BZ - Bronze WH - White GY - Grey SP - Special color	PR - 3 pin photocell receptacle only ¹	PR7 - 7 pin photocell receptacle only ¹ KV - 10 kV surge protection

¹ Twist lock photocell supplied by others

PHOTOMETRIC DATA¹
68180 • RDE-LS35-W/50KBKPR • 14 340.5 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	3 659.9	25.5%
0-40	6 315.5	44%
0-60	11 649.8	81.2%
60-90	2 690.7	18.8%
70-100	993.2	6.9%
90-120	0	0%
0-90	14 340.5	100%
90-180	0	0%
0-180	14 340.5	100%

Illuminance at a distance

Center beam fc	Beam width
17'	10.8 fc
34'	2.70 fc
51'	1.20 fc
68'	0.68 fc
85'	0.43 fc
102'	0.30 fc

Vert. spread: 117.8°
Horiz. spread: 116.3°

¹ Complete IES files available on our website.

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name:

Company:

Signature:

Date:

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.