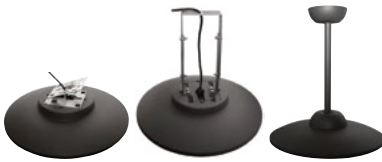


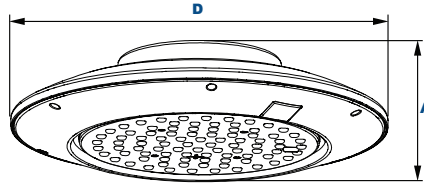
L70  
25°C

327,000 Hours



### Dimensions

<b>Diameter (D)</b>	18" (457mm)
<b>Height (A)</b>	4" (104mm)



### PRODUCT DESCRIPTION

The AFRC30Q Aeroform Architectural Round Canopy is available in Type II, III, IV or V distributions designed to replace HID lighting systems up to 400w MH or HPS. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transport and airports, office buildings and medical facilities. Mounting heights of 12 to 30 feet can be used based on light level and uniformity requirements.

### FEATURES

#### Housing:

Die Cast and Sand Cast Aluminum Housing, Integral Heat Sinking. Includes 3' Cord.

#### Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65

#### Finish:

Bronze or White Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

#### Lens:

Clear Polycarbonate Vandal-Resistant Array Lens with Integral Optics. Gasketed to Seal LED Array

#### Mounting Options:

Surface Mount Model (NM) Includes Easy-Hang Bracket Allowing One-Person Installation, Fits Standard 4" Electrical Box. Adjustable Height Trunnion (T) and Pendant (PA) Models are Shipped Ready For Field Installation of the Mount. Mounts are Shipped in a Separate Carton.

#### EasyLED LED:

Aluminum Boards

#### Wattage:

37w Array: 37w, System: 41w; (70-150w HID Equivalent)  
65w Array: 65.3w, System: 72w; (150-250w HID Equivalent)  
100w Array: 100w, System: 111w; (150-250w HID Equivalent)  
140w Array: 139.9w, System: 156w; (250-400w HID Equivalent)

#### Driver:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

#### Controls:

Fixtures Ordered with Factory-Installed Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPA Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

#### Warranty:

5-Year Warranty for -40°C to +50°C Environment.  
See Page 3 for Projected Lumen Maintenance Table.

### ORDERING INFORMATION

EXAMPLE: AFRC30QF1X140U5KCBSP

Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
AFRC30Q = EasyLED Aeroform Round Canopy	B=Type II C=Type III D=Type IV F=Type V	1X37=37w 1X65=65w 1X100=100w 1X140=140w	U=120-277V H=347-480V	3K=3000K* 4K=4000K 5K=5000K  *37 and 65w Only	C=Clear Polycarbonate Array Lens	W=White Z=Bronze C=Custom (Consult Factory)	NM=Easy-Hang Bracket Only T=Trunnion* PA=Pendant* *Mounting Shipped Separately	SF=Single Fuse DF=Double Fuse SP=Surge Protection S2=Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. (120-277V Only)

### MOUNTING OPTIONS



#### AFRC30Q with Easy-Hang Bracket (NM)

Stamped Steel 2-Piece Bracket Allows One-Person Installation. Mounts Directly to Standard 4" Electrical Box



#### AFRC30Q with Adjustable Trunnion Mount (T)

Stamped Steel Height Adjustable Trunnion, Powdercoat Finish, Includes Hardware



#### AFRC30Q with Pendant Mount (PA)

Includes Top and Bottom Covers, Brackets, and 3/4" Diameter, 15" Long Downrod, Powdercoat Finish, Includes Hardware.

### ACCESSORIES & REPLACEMENT PARTS



AF30T\*



PK3415\*



P17117

\*Shown Mounted

#### Replacement Parts (Order Separately, Field Installed)

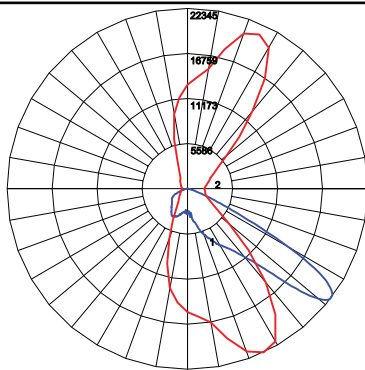
AF30T\* Height Adjustable Trunnion, Stamped Heavy Duty Steel, Powdercoat Finish

PK3415\* Pendant Mount Kit Includes Top & Bottom Cover, Brackets, 3/4" Dia X 15" L Downrod, and Hardware. Powdercoat Finish

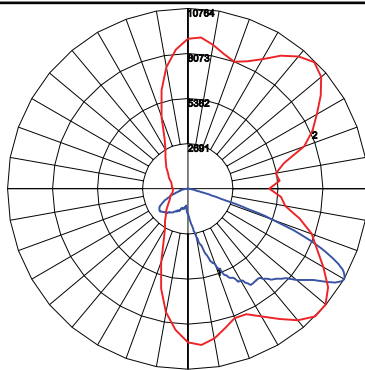
P17117 Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40". 120-277VAC, 50/60Hz

\*Specify Color: Z=Bronze, W=White, C=Custom (Consult Factory)

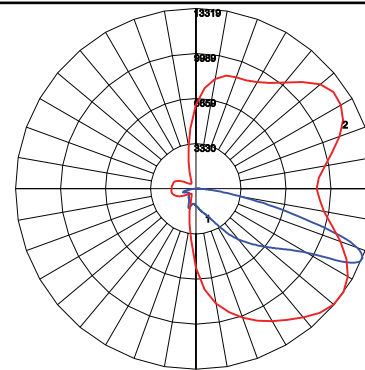
### PHOTOMETRIC DATA



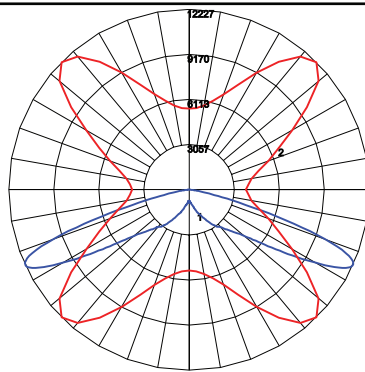
AFRC30QB1X140U4KC -  
Clear Lens



AFRC30QC1X140U4KC -  
Clear Lens



AFRC30QD1X140U4KC -  
Clear Lens



AFRC30QF1X140U4KC -  
Clear Lens

## PHOTOMETRIC PERFORMANCE

PHOTOMETRIC PERFORMANCE				4000 CCT 70 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G
EasyLED 37w	525	42	Type II Clear	5,469	130	1	0	1
			Type III Clear	5,491	131	2	0	2
			Type IV Clear	5,010	119	1	0	2
			Type V Clear	5,495	131	3	0	1
EasyLED 65w		74	Type II Clear	9,608	130	2	0	2
			Type III Clear	9,646	130	3	0	3
			Type IV Clear	8,803	119	2	0	3
			Type V Clear	9,653	130	3	0	2
EasyLED 100w		114	Type II Clear	14,782	130	2	0	2
			Type III Clear	14,842	130	3	0	3
			Type IV Clear	13,543	119	3	0	3
			Type V Clear	14,851	130	4	0	2
EasyLED 140w		159	Type II Clear	20,694	130	3	0	3
			Type III Clear	20,777	131	3	0	3
			Type IV Clear	18,959	119	3	0	4
			Type V Clear	20,791	131	4	0	2

## PROJECTED LUMEN MAINTENANCE

Data shown for 5000 CCT			Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C	
L70 Lumen Maintenance @ 25°C / 77°F	74	1.00	0.98	0.97	0.94	473,000	
L70 Lumen Maintenance @ 25°C / 77°F	114	1.00	0.98	0.96	0.92	393,000	
L70 Lumen Maintenance @ 25°C / 77°F	159	1.00	0.98	0.95	0.91	327,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C	
L70 Lumen Maintenance @ 50°C / 122°F	74	1.00	0.97	0.93	0.87	226,000	
L70 Lumen Maintenance @ 50°C / 122°F	114	1.00	0.96	0.92	0.83	180,000	
L70 Lumen Maintenance @ 50°C / 122°F	159	1.00	0.94	0.89	0.78	134,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C	
L80 Lumen Maintenance @ 40°C / 104°F	74	1.00	0.98	0.97	0.93	290,000	
L80 Lumen Maintenance @ 40°C / 104°F	114	1.00	0.98	0.95	0.91	219,000	
L80 Lumen Maintenance @ 40°C / 104°F	159	1.00	0.96	0.93	0.86	141,000	

## NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.