

Project Name:

Part #:

Type:

# LED ARC Series

## Features

- Available in 2' | 4' | 8' lengths
- Variable direct & indirect lighting distribution
- Multiple LED lensing Options
- Versatile joining options
- '+' | 'T' | 'L' | 'I' | 'Y' | 'V' | 'Z' patterns
- Multiple Installation Options
- Wattage & CCT adjustable



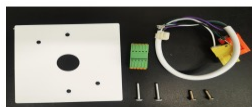
## Applications

Libraries | Offices | Lobbies | Hallways | Conference Rooms | Common Areas

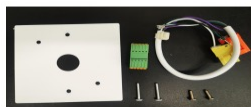
## Ordering Guide

Series	Size	CCT	Input Voltage	Light Distribution	Lens	Mounting	Ceiling / Wall Type	Fixture Color	Accessories					
EHF-ARC	2 = 2ft	TA = CCT adjustable (30K, 35K, 40K)	277 = 120-277VAC	DIP = DIP Switch	D = Diffuser (standard)	P = Pendant	SD = Solid (Pendant, Surface, Recessed)	W = White	EHC-ARC-I = 'I' Pattern					
	4 = 4ft									DR = Deep Regressed (special order)	S = Surface	DG = Drop Grid (Pendant, Surface, Recessed)	B = Black	EHC-ARC-X = 'X' Pattern
	8 = 8ft									L = Louver (special order)	W = Wall	DW = Drywall (Wall Mounting Only)		EHC-ARC-L = 'L' Pattern
					MF = Micro Reflector (special order)	R = Recessed			EHC-ARC-Z = 'Z' Pattern					
									EHC-ARC-T = 'T' Pattern					
									EHC-ARC-Y = 'Y' Pattern					
									EHC-ARC-V = 'V' Pattern					
									EHC-ARC-RL = Rolling Diffuser lens (42")					
									EHC-ARC-ISM-W = Internal Surface Mount Kit (White)					
									EHC-ARC-ISM-B = Internal Surface Mount Kit (Black)					
									EHC-ARC-TJB = T-Grid Clip with Power Cord J-Box					
									EHC-ARC-IDA = Internal Drywall Accessories					
									EHC-ARC-TG = T-Grid Clip without Power Cord					
									EHC-ARC-ED = External Driver 110-347VAC					

# Accessory Options



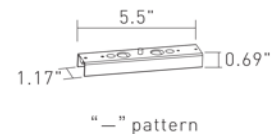
Internal Surface Mount Kit  
**Item Code:** EHC-ARC-ISM-B  
**Part #:** EHC-ARC-ISM-B  
 (15/16" standard clip size) 1 piece 2" canopy + 1 piece 4" canopy **BLACK** (To be used on solid or drop grid ceiling)



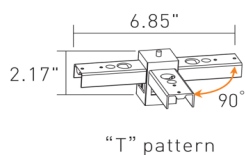
Internal Surface Mount Kit  
**Item Code:** EHC-ARC-ISM-W  
**Part #:** EHC-ARC-ISM-W  
 (15/16" standard clip size) 1 piece 2" canopy + 1 piece 4" canopy **WHITE** (To be used on



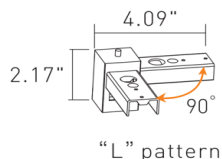
Internal Drywall Accessories  
**Item Code:** EHC-ARC-IDA  
**Part #:** EHC-ARC-IDA  
 Square plate + male connector + butterfly drywall anchor



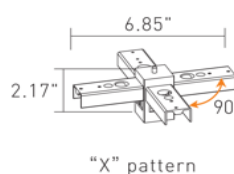
"I" Pattern Connector  
**Item Code:** EHC-ARC-I  
**Part #:** EHC-ARC-I



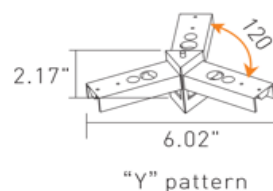
"T" Pattern Connector  
**Item Code:** EHC-ARC-T  
**Part #:** EHC-ARC-T  
 Connects fixtures in a 'T' formation (90°)



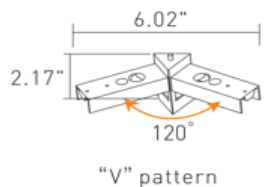
"L" Pattern Connector  
**Item Code:** EHC-ARC-L  
**Part #:** EHC-ARC-L  
 Connects fixtures in an 'L' formation (90°)



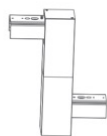
"X" Pattern Connector  
**Item Code:** EHC-ARC-X  
**Part #:** EHC-ARC-X  
 Connects fixtures in an 'X' formation (90°)



"Y" Pattern Connector  
**Item Code:** EHC-ARC-Y  
**Part #:** EHC-ARC-Y  
 Connects fixtures in a 'Y' formation (120°)



"V" Pattern Connector  
**Item Code:** EHC-ARC-V  
**Part #:** EHC-ARC-V  
 Connects fixtures in a 'V' formation (120°)



"Z" Pattern Connector  
**Item Code:** EHC-ARC-Z  
**Part #:** EHC-ARC-Z  
 Connects fixtures in a 'Z' formation (360°)



42' Continuous Roll-Out Lens  
**Item Code:** EHA-ARC-RL  
**Part #:** EHA-ARC-RL  
 Press-in acrylic lens used to create a seamless run of lights linearly, will not crinkle or bow



T-Grid Clip (without power cord)  
**Item Code:** EHC-ARC-TG  
**Part #:** EHC-ARC-TG  
 Clip used to mount and secure fixture in drop ceiling grid, does not include power cord



T-Grid Clip (with power cord)  
**Item Code:** EHC-ARC-TJB  
**Part #:** EHC-ARC-TJB  
 Clip used to mount and secure fixture in drop ceiling grid, comes with power cord and J-box

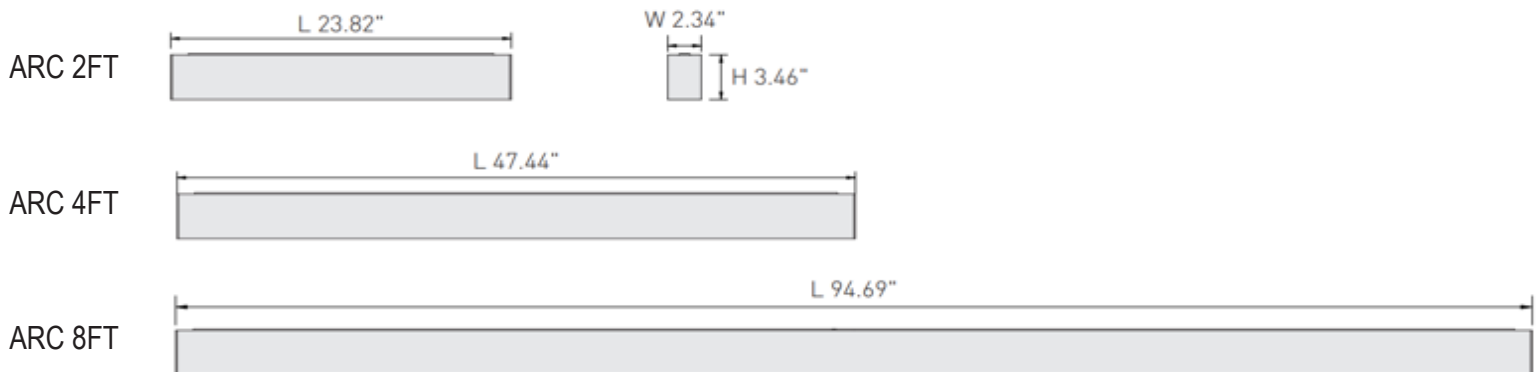


External Driver  
**Item Code:** EHC-ARC-ED  
**Part #:** EHC-ARC-ED  
 External driver used in ARC - Series applications, supports 110-347VAC, controls lighting distribution

# Specifications

- Input Voltage: 120-277VAC (120VAC: Connections up to 40' | 277VAC: Connections up to 100')
- Wattage: Adjustable: 50% | 75% | 100%  
2FT, 4FT, 8FT respectively
- Efficacy: 75lm/W - 120lm/W
- CCT : 3000K, 3500K, 4000K
- CRI: Ra > 80
- Power Factor: > 0.9
- Total Harmonic Distortion: < 20%
- Lifespan: > 50,000 hours L70 Minimum
- Fixture Material: Extruded aluminum housing
- Lensing: Diffuser | Louver | Micro Reflector | Deep Regressed
- Dimmable: 1-10V

# Product Dimensions



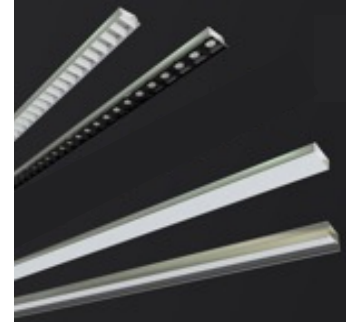
# Lens Types & Beam Angles

## Image Reference

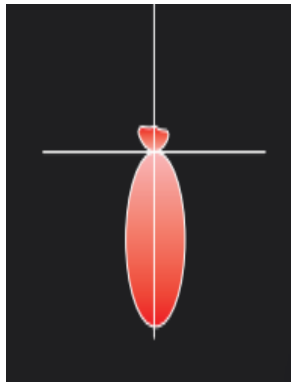
Top	Louvered
2nd	Micro refelctor
3rd	Diffuser
4th	Deep regressed

## Beam Angle

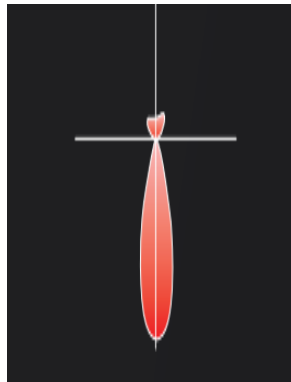
UP: 150°   Down: 80°
UP: 150°   Down: 60°
UP: 150°   Down: 110°
UP: 150°   Down: 75°



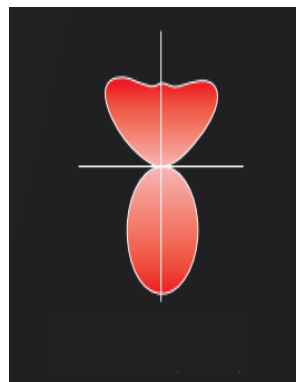
## Distribution Diagrams



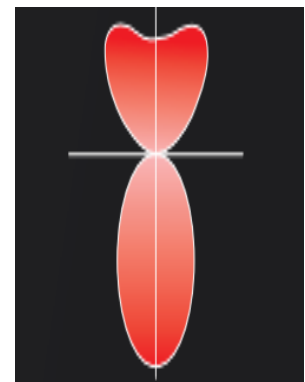
Louver (80°)



Micro Refelctor (60°)  
UGR<15

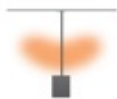


Diffuser (110°)

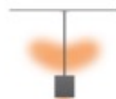


Deep Regressed (75°)

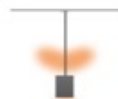
## DIP Switch Selectability



100% Up



90% Up,  
10% Down



70% Up,  
30% Down



50% Up,  
50% Down



30% Up,  
70% Down



10% Up,  
90% Down



100% Down

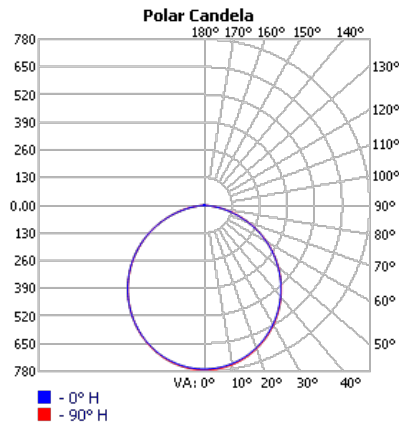
# Photometrics Data

## Performance Based on Lens Type

Lens	Lumen Package		
	High	Medium	Low
Louver	900lm/ft, 10w/ft	675lm/ft, 7.5w/ft	450lm/ft, 5w/ft
Micro Reflector	1150lm/ft, 10w/ft	860lm/ft, 7.5w/ft	575lm/ft, 5w/ft
Diffuser	1150lm/ft, 10w/ft	860lm/ft, 7.5w/ft	575lm/ft, 5w/ft
Deep Regressed	950lm/ft, 10w/ft	710lm/ft, 7.5w/ft	475lm/ft, 5w/ft

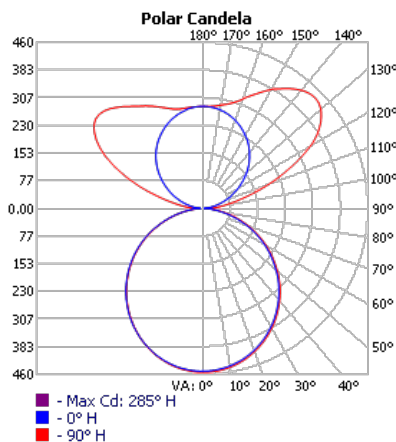
## Diffuser Based Fixtures

Luminaire Data	
Part Number	EHF-ARC-2TA-277-DIP-D-P-SD-W
Description	Diffuser lens, 100% downlight, 2ft fixture
Fixture Lumens (lm)	25200lm
Wattage (W)	20W
Efficacy (lm/w)	110 lm/w



Zone	Lumens	%Fixture
0-40	937.9	44.5%
0-60	1719.40	79%
0-90	2180.60	100.0%
90-180	6.7	0%
0-180	2187.3	100.0%

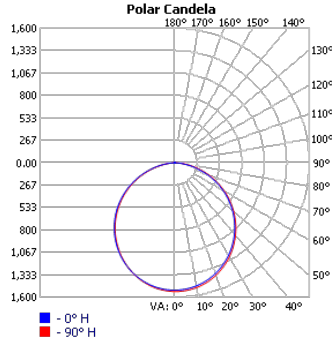
Luminaire Data	
Part Number	EHF-ARC-2TA-277-DIP-D-P-SD-W
Description	Diffuser lens, 50% uplight - 50% downlight, 2ft fixture
Fixture Lumens (lm)	2500lm
Wattage (W)	20W
Efficacy (lm/w)	104 lm/w



Zone	Lumens	%Fixture
0-40	573.8	22.9%
0-60	1015.90	40.5%
0-90	1307.90	52.2%
90-180	1198.20	47.8%
0-180	2506.10	100.0%

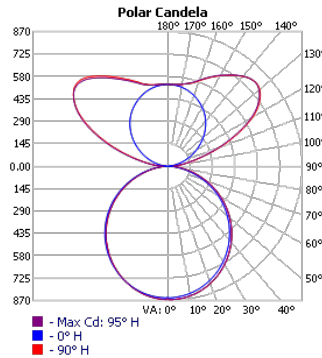
# Photometrics Data

Luminaire Data	
Part Number	EHF-ARC-4TA-277-DIP-D-P-SD-W
Description	Diffuser lens, 100% downlight, 4ft fixture
Fixture Lumens (lm)	4400lm
Wattage (W)	40W
Efficacy (lm/w)	110 lm/w



Zone	Lumens	%Fixture
0-40	1926.40	43.8%
0-60	3408.20	77.5%
0-90	4341.30	98.8%
90-180	54	1.2%
0-180	4395.40	100.0%

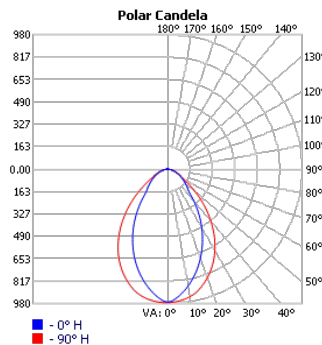
Luminaire Data	
Part Number	EHF-ARC-4TA-277-DIP-D-P-SD-W
Description	Diffuser lens, 50% uplight - 50% downlight, 4 ft fixture
Fixture Lumens (lm)	4700lm
Wattage (W)	40W
Efficacy (lm/w)	120 lm/w



Zone	Lumens	%Fixture
0-40	1086.10	22.9%
0-60	1924.40	41%
0-90	2466.10	52%
90-180	2273.70	48%
0-180	4739.80	100.0%

## Louver Based Fixtures

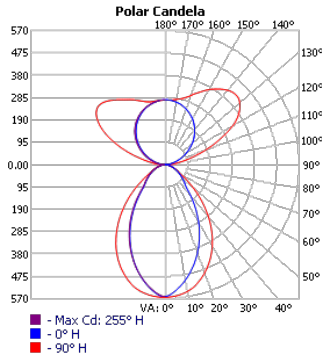
Luminaire Data	
Part Number	EHF-ARC-2TA-277-DIP-L-P-SD-W
Description	Louver lens, 100% downlight, 2ft fixture
Fixture Lumens (lm)	1400lm
Wattage (W)	20W
Efficacy (lm/w)	70 lm/w



Zone	Lumens	%Fixture
0-40	933.20	63.8%
0-60	1307.90	89.4%
0-90	1459.00	99.7%
90-180	4.00	0.3%
0-180	1463.00	100.0%

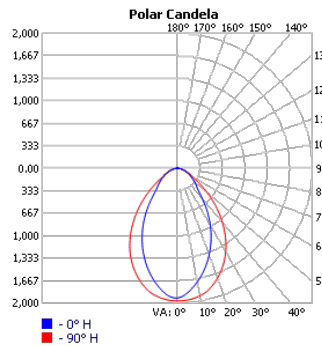
# Photometrics Data

Luminaire Data	
Part Number	EHF-ARC-2TA-277-DIP-L-P-SD-W
Description	Louver lens, 50% uplight - 50% downlight, 2ft fixture
Fixture Lumens (lm)	2000lm
Wattage (W)	20W
Efficacy (lm/w)	83 lm/w



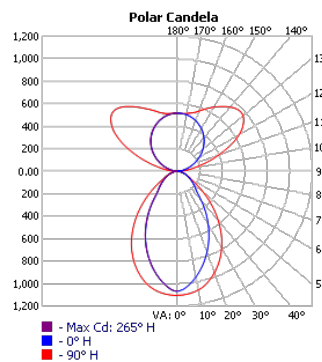
Zone	Lumens	%Fixture
0-40	543.00	27.3%
0-60	763.00	77.5%
0-90	855.70	98.8%
90-180	1132.40	1.2%
0-180	1988.10	100.0%

Luminaire Data	
Part Number	EHF-ARC-4TA-277-DIP-L-P-SD-W
Description	Louver lens, 100% downlight, 4ft fixture
Fixture Lumens (lm)	3000lm
Wattage (W)	40W
Efficacy (lm/w)	75 lm/w



Zone	Lumens	%Fixture
0-40	1882.60	63.5%
0-60	2648.00	89.3%
0-90	2956.80	99.7%
90-180	8.80	0.3%
0-180	2965.60	100.0%

Luminaire Data	
Part Number	EHF-ARC-4TA-277-DIP-L-P-SD-W
Description	Louver lens, 50% downlight - 50% uplight, 4ft fixture
Fixture Lumens (lm)	3900lm
Wattage (W)	40W
Efficacy (lm/w)	97.5 lm/w

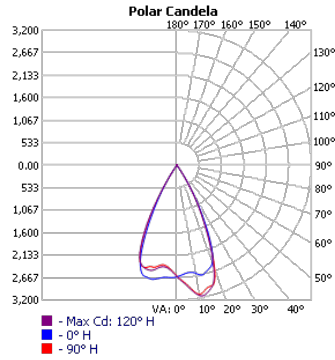


Zone	Lumens	%Fixture
0-40	1046.60	27.10%
0-60	1482.70	38.40%
0-90	1671.70	43.20%
90-180	2194.50	56.80%
0-180	3866.20	100.0%

# Photometrics Data

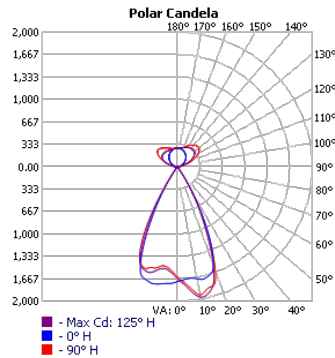
## Micro Reflector Based Fixtures

Luminaire Data	
Part Number	EHF-ARC-2TA-277-DIP-MF-P-SD-W
Description	MR lens, 100% down, 2ft fixture
Fixture Lumens (lm)	1900lm
Wattage (W)	20W
Efficacy (lm/w)	95 lm/w



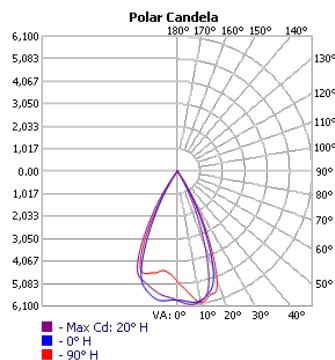
Zone	Lumens	%Fixture
0-40	1925.4	99.4%
0-60	1929.5	99.6%
0-90	1931.5	99.7%
90-180	5.4	0.3%
0-180	1936.9	100.0%

Luminaire Data	
Part Number	EHF-ARC-2TA-277-DIP-MF-P-SD-W
Description	MR lens, 50% downlight 50% uplight, 2ft fixture
Fixture Lumens (lm)	2400lm
Wattage (W)	20W
Efficacy (lm/w)	100 lm/w



Zone	Lumens	%Fixture
0-40	1209.8	51.0%
0-60	1212.8	51%
0-90	1216.9	51%
90-180	1154.3	49%
0-180	2371.2	100.0%

Luminaire Data	
Part Number	EHF-ARC-4TA-277-DIP-MF-P-SD-W
Description	MR lens, 100% downlight, 4ft fixture
Fixture Lumens (lm)	3700lm
Wattage (W)	40W
Efficacy (lm/w)	92.5 lm/w

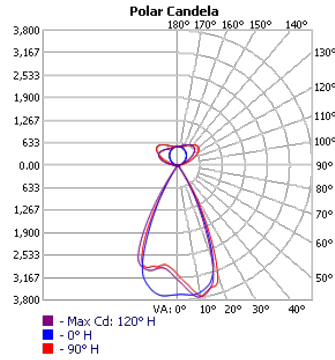


Zone	Lumens	%Fixture
0-40	3723	99.5%
0-60	3730.8	99.7%
0-90	3731.9	99.7%
90-180	10.3	0.3%
0-180	3742.2	100.0%



# Photometrics Data

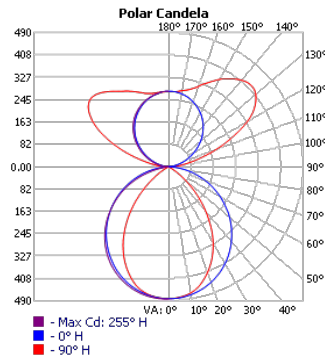
Luminaire Data	
Part Number	EHF-ARC-4TA-277-DIP-MF-P-SD-W
Description	MR lens, 50% downlight - 50% uplight, 4ft fixture
Fixture Lumens (lm)	4500lm
Wattage (W)	40W
Efficacy (lm/w)	112.5 lm/w



Zone	Lumens	%Fixture
0-40	2302.1	46.3%
0-60	2308.7	51%
0-90	2320	51.2%
90-180	2210.3	48.8%
0-180	4530.3	100.0%

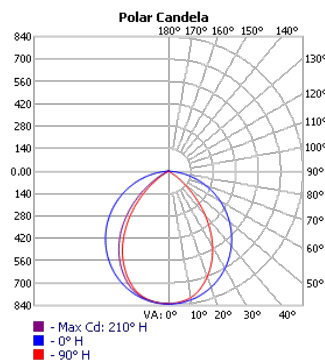
## Deep Regressed Based Fixtures

Luminaire Data	
Part Number	EHF-ARC-2TA-277-DIP-DR-P-SD-W
Description	DR lens, 50% downlight - 50% uplight, 2ft fixture
Fixture Lumens (lm)	2000lm
Wattage (W)	20W
Efficacy (lm/w)	83 lm/w



Zone	Lumens	%Fixture
0-40	563.3	27.1%
0-60	861.5	41.4%
0-90	946	45.5%
90-180	1132.6	54.5%
0-180	2078.7	100.0%

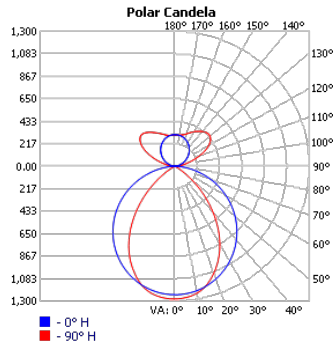
Luminaire Data	
Part Number	EHF-ARC-2TA-277-DIP-DR-P-SD-W
Description	DR lens, 100% downlight, 2ft fixture
Fixture Lumens (lm)	1600lm
Wattage (W)	20W
Efficacy (lm/w)	80 lm/w



Zone	Lumens	%Fixture
0-40	967.2	59.6%
0-60	1480.1	91.3%
0-90	1617.3	99.7%
90-180	4.5	0.3%
0-180	1621.8	100.0%

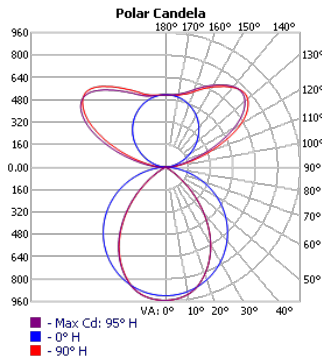
# Photometrics Data

Luminaire Data	
Part Number	EHF-ARC-4TA-277-DIP-DR-P-SD-W
Description	DR lens, 30% downlight - 70% uplight, 4ft fixture
Fixture Lumens (lm)	3800lm
Wattage (W)	40W
Efficacy (lm/w)	95 lm/w



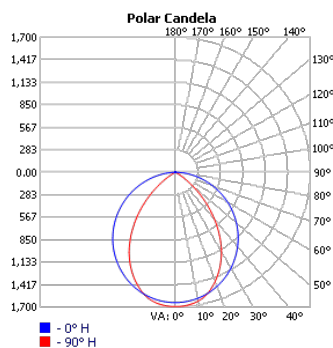
Zone	Lumens	%Fixture
0-40	1469.4	38.8%
0-60	2272	59.9%
0-90	2515.1	66.4%
90-180	1274.9	33.6%
0-180	3790.1	100.0%

Luminaire Data	
Part Number	EHF-ARC-4TA-277-DIP-DR-P-SD-W
Description	DR lens, 50% downlight - 50% uplight, 4ft fixture
Fixture Lumens (lm)	4000lm
Wattage (W)	40W
Efficacy (lm/w)	100 lm/w



Zone	Lumens	%Fixture
0-40	1088.2	26.7%
0-60	1686	41.4%
0-90	1875.2	46.1%
90-180	2196.2	53.9%
0-180	4071.4	100.0%

Luminaire Data	
Part Number	EHF-ARC-4TA-277-DIP-DR-P-SD-W
Description	DR lens, 100% downlight, 4ft fixture
Fixture Lumens (lm)	3300lm
Wattage (W)	40W
Efficacy (lm/w)	82.5 lm/w



Zone	Lumens	%Fixture
0-40	1939.8	58.3%
0-60	1939.8	90.1%
0-90	3318.1	99.7%
90-180	9.10	0.3%
0-180	3327.3	100.0%

