



CUSTOMER NAME \_\_\_\_\_

PROJECT NAME \_\_\_\_\_

DATE \_\_\_\_\_

TYPE \_\_\_\_\_

CATALOG NUMBER \_\_\_\_\_

## ERHM04 High Mast LED Roadway Luminaire

The Evolve® LED High Mast (ERHM) LED solution for expressway, freeway interchanges and other large area applications. Current's unique reflective optics are designed to optimize application efficiency and minimize glare. The ERHM luminaire is an efficient solution lowering energy consumption as compared to traditional HID fixtures providing operating cost savings. The new Generation 04 model offers more distribution options, including symmetrical optics optimized for median mount applications and Lowered High-Angle Brightness distributions making it an ideal solution for complex road layouts and those located near residential areas.

### Construction

<b>Housing:</b>	Die cast aluminum optical and electrical housings.
<b>Lens:</b>	Impact resistant tempered glass
<b>Paint:</b>	Corrosion resistant powder paint, ≥ 2.0 mil thickness (RAL & custom colors available) Standard = Gray & Black Optional = Coastal Finish
<b>Weight:</b>	~50lbs (~23kg)

### Optical System

<b>Lumens:</b>	29,400 - 110,000 (4000K)
<b>Efficacy:</b>	135-175 LPW (4000K)
<b>CCT:</b>	3000K, 4000K, 5000K
<b>CRI:</b>	≥ 70
<b>Distributions: Standard</b>	<b>Lowered High-Angle Brightness (LHAB):</b>
<b>A7</b> - Type II Narrow	<b>P7</b> - Type II Narrow-LHAB
<b>B7</b> - Type II Wide	<b>Q7</b> - Type II Wide-LHAB
<b>C7</b> - Type III	<b>R7</b> - Type III-LHAB
<b>D7</b> - Type III/IV	<b>S7</b> - Type III/IV-LHAB
<b>VW</b> - Type V High Angle	<b>VN</b> - Type V Type VW-LHAB
<b>Median Mount</b>	<b>Median Mount - Lowered High-Angle Brightness (LHAB)</b>
<b>AA</b> - Type I	<b>PP</b> - Type I-LHAB
<b>BB</b> - Type II Sym.	<b>QQ</b> - Type II Sym.-LHAB
<b>CC</b> - Type III Sym.	<b>RR</b> - Type III Sym.-LHAB
<b>DD</b> - Type VS Sym.	<b>SS</b> - Type VS-LHAB

### Electrical

<b>Input Voltage:</b>	120-277V or 277-480V
<b>Input Frequency:</b>	50/60Hz
<b>Power Factor:</b>	≥ 90% at rated watts
<b>Total Harmonic Distortion:</b>	≤ 20% at rated watts

### Lumen Maintenance

Projected Lxx based per IES TM-21-11, LXX(17K Minimum) @ 25°C

LUMEN CODES	DISTRIBUTIONS	25,000 HR	50,000 HR	60,000 HR	75,000 HR	100,000 HR
30-80	VW/VN	97	95	94	92	90
90-10		97	95	94	92	90
11		96	94	92	91	88
30-40	A7/AA, B7/BB, C7,CC, D7/DD, P7/PP, Q7/QQ, R7/RR, S7/SS	97	95	94	92	90
50		96	91	90	88	84
60		97	95	94	92	90
70		96	93	92	90	88
80		97	95	94	92	90
90		96	93	92	90	88
10		96	91	90	88	84

### Ratings

Operating Temperature:	RANGE	DISTRIBUTION	
		Symmetric	Asymmetric
-40°C to 50°C	-40°C to 50°C	30-80	30-60
	-40°C to 40°C	90-100	70-90
<b>Vibration:</b> 3G per ANSI C136.31			
<b>LM-79:</b> Testing in accordance with IES Standards			

\*Contact Manufacturer for units ≥ 100K lm

### Controls

<b>Dimming:</b>	Standard - 0-10V <input type="checkbox"/>
	Optional DALI D4i Driver (U4 Option) <input type="checkbox"/>
<b>Sensors:</b>	Photo Electric Sensors (PE) available LightGrid+™ Compatible

### Surge Protection

STANDARD	OPTIONAL
10kV/5kA	Secondary 10kV/5kA (R Option) or Secondary 20kV/10kA (T Option)

\*Per ANSI C136.2-2018

### Warranty

5 Year (Standard)

10 Year (Optional)

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## Catalog Logic

### ERHM

PROD. ID	GEN	VOLTAGE (V)	LUMEN (Lm)	DISTRIBUTION	CRI (MIN)	CCT (K)	DIMMING	CONTROLS PER ANSI C136.41	MOUNTING	FINISH	OPTIONS
E = Evolve R = Roadway H = High M = Mast	04	0 = 120-277 <sup>1</sup> E = 277-480 <sup>1</sup>	30 = 30,000 40 = 40,000 50 = 50,000 60 = 60,000 70 = 70,000 80 = 80,000 90 = 90,000 10 = 100,000 11 = 110,000 <sup>6,7</sup>	<b>Standard:</b> A7 = Type II Narrow B7 = Type II Wide C7 = Type III D7 = Type III/IV VW = Type V High Angle <b>Median Mount:</b> AA = Type I BB = Type II Sym. CC = Type III Sym. DD = Type VS Sym. <sup>6</sup> <b>Lowered High-Angle Brightness (LHAB):</b> P7 = Type II Narrow-LHAB Q7 = Type II Wide-LHAB R7 = Type III-LHAB S7 = Type III/IV-LHAB VN = Type V-LHAB <b>Median Mount - Lowered High-Angle Brightness (LHAB)</b> PP = Type I-LHAB QQ = Type II Sym.-LHAB RR = Type III Sym.-LHAB SS = Type VS-LHAB <sup>6</sup>	7 = 70 <sup>5</sup>	30 = 3000 40 = 4000 50 = 5000	N = No Dimming Control Wiring D = Dimming Control Wiring Included <sup>4</sup>	1 = None A = 7-Pin Receptacle D = 7-Pin Receptacle with Shorting Cap E = 7-Pin Receptacle with Long Life non-Dimming PE Control	4B = 4 Bolt	GRAY = Gray BLCK = Black	F = Fusing G = Internal Bubble Level R = 10kV/5kA Enhanced Surge Protection (SPD) T = 20kV/10kA Surge Protection U4 = DALI D4i <sup>8</sup> V1 = Field Adjustable driver current feature (FAM) <sup>2</sup> Y = Coastal Finish <sup>3</sup> XXX = Special Options
		 <b>Select Single V ONLY if Fusing Selected</b>									
		1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 D = 347									

- 1 Not available with fusing. Fusing requires discrete voltage selection to ensure proper fusing wiring.
- 2 Not available with U4 option.
- 3 Recommended for installations within 750 feet from coast. Lead time varies, check with factory.
- 4 Dimming control wiring included to connect dimming control external to the fixture.
- 5 70 CRI Typical.
- 6 Contact manufacturer for availability
- 7 Available only in VW distribution.
- 8 May not be available in some configurations.

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## Spec Tables

ERHM04 Claims table - Standard Optical Distributions: A7, B7, C7, D7, VW

LUMEN OUTPUT	DIST	TYP. INITIAL LUMENS		TYP. SYSTEM		BUG RATING	
		5000K/4000K	3000K	LPW (4000K)	WATTS	4000K	3000K
30	A7	30,000	28800	160	189	B3-U0-G3	B3-U0-G3
	B7	30,000	28800	160	189	B3-U0-G4	B3-U0-G4
	C7	30,000	28800	160	189	B3-U0-G5	B3-U0-G4
	D7	30,000	28800	160	189	B3-U0-G4	B2-U0-G4
	VW	30,000	28800	175	173	B5-U0-G3	B5-U0-G3
40	A7	40,000	38400	150	268	B4-U0-G4	B4-U0-G4
	B7	40,000	38400	150	268	B4-U0-G5	B3-U0-G5
	C7	40,000	38400	150	268	B3-U0-G5	B3-U0-G5
	D7	40,000	38400	150	268	B3-U0-G5	B3-U0-G5
	VW	40,000	38400	169	239	B5-U0-G4	B5-U0-G4
50	A7	50,000	48000	142	354	B4-U0-G5	B4-U0-G4
	B7	50,000	48000	142	354	B4-U0-G5	B4-U0-G5
	C7	50,000	48000	142	354	B4-U0-G5	B4-U0-G5
	D7	50,000	48000	142	354	B3-U0-G5	B3-U0-G5
	VW	50,000	48000	167	302	B5-U0-G5	B5-U0-G4
60	A7	60,000	57600	149	407	B4-U0-G5	B4-U0-G5
	B7	60,000	57600	149	407	B4-U0-G5	B4-U0-G5
	C7	60,000	57600	149	407	B4-U0-G5	B4-U0-G5
	D7	60,000	57600	149	407	B3-U0-G5	B3-U0-G5
	VW	60,000	57600	163	369	B5-U0-G5	B5-U0-G5
70	A7	70,000	67200	142	494	B5-U0-G5	B5-U0-G5
	B7	70,000	67200	142	494	B4-U0-G5	B4-U0-G5
	C7	70,000	67200	142	494	B4-U0-G5	B4-U0-G5
	D7	70,000	67200	142	494	B3-U0-G5	B3-U0-G5
	VW	70,000	67200	156	451	B5-U0-G5	B5-U0-G5
80	A7	80,000	76800	148	544	B5-U0-G5	B5-U0-G5
	B7	80,000	76800	148	544	B5-U0-G5	B4-U0-G5
	C7	80,000	76800	148	544	B4-U0-G5	B4-U0-G5
	D7	80,000	76800	148	544	B4-U0-G5	B4-U0-G5
	VW	80,000	76800	153	525	B5-U0-G5	B5-U0-G5
90	A7	90,000	86400	143	633	B5-U0-G5	B5-U0-G5
	B7	90,000	86400	143	633	B5-U0-G5	B5-U0-G5
	C7	90,000	86400	143	633	B5-U0-G5	B5-U0-G5
	D7	90,000	86400	143	633	B4-U0-G5	B4-U0-G5
	VW	90,000	86400	158	573	B5-U0-G5	B5-U0-G5
10	A7	100,000	96000	138	729	B5-U0-G5	B5-U0-G5
	B7	100,000	96000	138	729	B5-U0-G5	B5-U0-G5
	C7	100,000	96000	138	729	B5-U0-G5	B5-U0-G5
	D7	100,000	96000	138	729	B4-U0-G5	B4-U0-G5
	VW	100,000	96000	155	646	B5-U0-G5	B5-U0-G5
11	VW	110,000	105600	152	727	B5-U0-G5	B5-U0-G5

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### Spec Tables

ERHM04 Claims table - Median Mount Optical Distributions (AA, BB, CC, DD)

LUMEN OUTPUT	DIST	TYP. INITIAL LUMENS		TYP. SYSTEM		BUG RATING	
		5000K/4000K	3000K	LPW (4000K)	WATTS	4000K	3000K
30	AA	30,000	28800	160	189	B4-U0-G4	B4-U0-G4
	BB	30,000	28800	160	189	B5-U0-G5	B4-U0-G4
	CC	30,000	28800	160	189	B5-U0-G5	B5-U0-G5
	DD	30,000	28800	160	189	B5-U0-G3	B5-U0-G3
40	AA	40,000	38400	150	268	B5-U0-G5	B5-U0-G5
	BB	40,000	38400	150	268	B5-U0-G5	B5-U0-G5
	CC	40,000	38400	150	268	B5-U0-G5	B5-U0-G5
	DD	40,000	38400	150	268	B5-U0-G4	B5-U0-G3
50	AA	50,000	48000	142	354	B5-U0-G5	B5-U0-G5
	BB	50,000	48000	142	354	B5-U0-G5	B5-U0-G5
	CC	50,000	48000	142	354	B5-U0-G5	B5-U0-G5
	DD	50,000	48000	142	354	B5-U0-G4	B5-U0-G4
60	AA	60,000	57600	155	391	B5-U0-G5	B5-U0-G5
	BB	60,000	57600	155	391	B5-U0-G5	B5-U0-G5
	CC	60,000	57600	155	391	B5-U0-G5	B5-U0-G5
70	AA	70,000	67200	152	463	B5-U0-G5	B5-U0-G5
	BB	70,000	67200	152	463	B5-U0-G5	B5-U0-G5
	CC	70,000	67200	152	463	B5-U0-G5	B5-U0-G5
80	AA	80,000	76800	148	544	B5-U0-G5	B5-U0-G5
	BB	80,000	76800	148	544	B5-U0-G5	B5-U0-G5
	CC	80,000	76800	148	544	B5-U0-G5	B5-U0-G5
90	AA	90,000	86400	143	633	B5-U0-G5	B5-U0-G5
	BB	90,000	86400	143	633	B5-U0-G5	B5-U0-G5
	CC	90,000	86400	143	633	B5-U0-G5	B5-U0-G5
10	AA	100,000	96000	138	729	B5-U0-G5	B5-U0-G5
	BB	100,000	96000	138	729	B5-U0-G5	B5-U0-G5
	CC	100,000	96000	138	729	B5-U0-G5	B5-U0-G5

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## Spec Tables

ERHM04 Claims table - Lowered High-Angle Brightness Distributions: P7, Q7, R7, S7

LUMEN OUTPUT	DIST	TYP. INITIAL LUMENS		TYP. SYSTEM		BUG RATING	
		5000K/4000K	3000K	LPW (4000K)	WATTS	4000K	3000K
30	P7	29,400	28220	157	189	B3-U0-G3	B3-U0-G3
	Q7	29,400	28220	157	189	B3-U0-G4	B3-U0-G4
	R7	29,400	28220	157	189	B3-U0-G4	B3-U0-G4
	S7	29,400	28220	157	189	B3-U0-G4	B3-U0-G4
	VN	29,400	28220	172	173	B5-U0-G3	B5-U0-G3
40	P7	39,200	37630	147	268	B4-U0-G4	B4-U0-G4
	Q7	39,200	37630	147	268	B4-U0-G4	B4-U0-G4
	R7	39,200	37630	147	268	B4-U0-G5	B4-U0-G5
	S7	39,200	37630	147	268	B3-U0-G5	B3-U0-G5
	VN	39,200	37630	166	239	B5-U0-G4	B5-U0-G4
50	P7	49,000	47040	139	354	B4-U0-G4	B4-U0-G4
	Q7	49,000	47040	139	354	B4-U0-G5	B4-U0-G5
	R7	49,000	47040	139	354	B4-U0-G5	B4-U0-G5
	S7	49,000	47040	139	354	B3-U0-G5	B3-U0-G5
	VN	49,000	47040	164	302	B5-U0-G4	B5-U0-G4
60	P7	58,800	56440	136	407	B4-U0-G5	B4-U0-G4
	Q7	58,800	56440	136	407	B4-U0-G5	B4-U0-G5
	R7	58,800	56440	136	407	B4-U0-G5	B4-U0-G5
	S7	58,800	56440	136	407	B3-U0-G5	B3-U0-G5
	VN	58,800	56440	160	369	B5-U0-G5	B5-U0-G5
70	P7	68,600	65850	139	494	B5-U0-G5	B5-U0-G5
	Q7	68,600	65850	139	494	B4-U0-G5	B4-U0-G5
	R7	68,600	65850	139	494	B4-U0-G5	B4-U0-G5
	S7	68,600	65850	139	494	B4-U0-G5	B4-U0-G5
	VN	68,600	65850	153	451	B5-U0-G5	B5-U0-G5
80	P7	78,400	75260	145	544	B5-U0-G5	B5-U0-G5
	Q7	78,400	75260	145	544	B5-U0-G5	B5-U0-G5
	R7	78,400	75260	145	544	B5-U0-G5	B5-U0-G5
	S7	78,400	75260	145	544	B4-U0-G5	B4-U0-G5
	VN	78,400	75260	150	525	B5-U0-G5	B5-U0-G5
90	P7	88,200	84670	140	633	B5-U0-G5	B5-U0-G5
	Q7	88,200	84670	140	633	B5-U0-G5	B5-U0-G5
	R7	88,200	84670	140	633	B5-U0-G5	B5-U0-G5
	S7	88,200	84670	140	633	B4-U0-G5	B4-U0-G5
	VN	88,200	84670	155	573	B5-U0-G5	B5-U0-G5
10	P7	98,000	94080	135	729	B5-U0-G5	B5-U0-G5
	Q7	98,000	94080	135	729	B5-U0-G5	B5-U0-G5
	R7	98,000	94080	135	729	B5-U0-G5	B5-U0-G5
	S7	98,000	94080	135	729	B4-U0-G5	B4-U0-G5
	VN	98,000	94080	152	646	B5-U0-G5	B5-U0-G5
11	VN	107,800	103480	149	727	B5-U0-G5	B5-U0-G5

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## Spec Tables

ERHM04 Claims table - Median Mount Moount Lowered High-Angle Brightness Optical Distributions (PP, QQ, RR, SS)

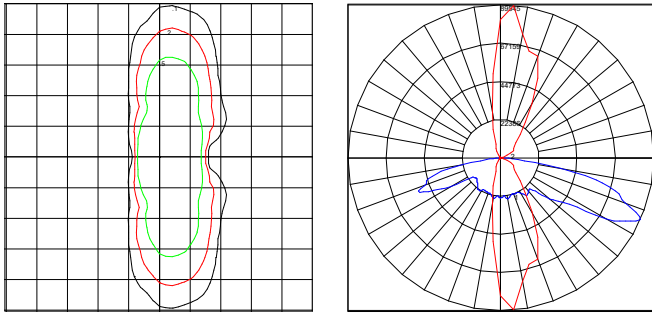
LUMEN OUTPUT	DIST	TYP. INITIAL LUMENS		TYP. SYSTEM		BUG RATING	
		5000K/4000K	3000K	LPW (4000K)	WATTS	4000K	3000K
30	PP	29,400	28220	157	189	B4-U0-G4	B4-U0-G4
	QQ	29,400	28220	157	189	B4-U0-G4	B4-U0-G4
	RR	29,400	28220	157	189	B5-U0-G5	B5-U0-G5
	SS	29,400	28220	157	189	B5-U0-G3	B5-U0-G3
40	PP	39,200	37630	147	268	B5-U0-G5	B5-U0-G5
	QQ	39,200	37630	147	268	B5-U0-G5	B5-U0-G5
	RR	39,200	37630	147	268	B5-U0-G5	B5-U0-G5
	SS	39,200	37630	147	268	B5-U0-G3	B5-U0-G3
50	PP	49,000	47040	139	354	B5-U0-G5	B5-U0-G5
	QQ	49,000	47040	139	354	B5-U0-G5	B5-U0-G5
	RR	49,000	47040	139	354	B5-U0-G5	B5-U0-G5
	SS	49,000	47040	139	354	B5-U0-G4	B5-U0-G4
60	PP	58,800	56440	152	391	B5-U0-G5	B5-U0-G5
	QQ	58,800	56440	152	391	B5-U0-G5	B5-U0-G5
	RR	58,800	56440	152	391	B5-U0-G5	B5-U0-G5
70	PP	68,600	65850	149	463	B5-U0-G5	B5-U0-G5
	QQ	68,600	65850	149	463	B5-U0-G5	B5-U0-G5
	RR	68,600	65850	149	463	B5-U0-G5	B5-U0-G5
80	PP	78,400	75260	145	544	B5-U0-G5	B5-U0-G5
	QQ	78,400	75260	145	544	B5-U0-G5	B5-U0-G5
	RR	78,400	75260	145	544	B5-U0-G5	B5-U0-G5
90	PP	88,200	84670	140	633	B5-U0-G5	B5-U0-G5
	QQ	88,200	84670	140	633	B5-U0-G5	B5-U0-G5
	RR	88,200	84670	140	633	B5-U0-G5	B5-U0-G5
10	PP	98,000	94080	135	729	B5-U0-G5	B5-U0-G5
	QQ	98,000	94080	135	729	B5-U0-G5	B5-U0-G5
	RR	98,000	94080	135	729	B5-U0-G5	B5-U0-G5

## Photometric Plot

### Roadway Standard Optic Configurations

#### ERHM04 A7 Type II Narrow

100,000 Lumens  
4000K  
ERHM04\_10A7740\_...IES



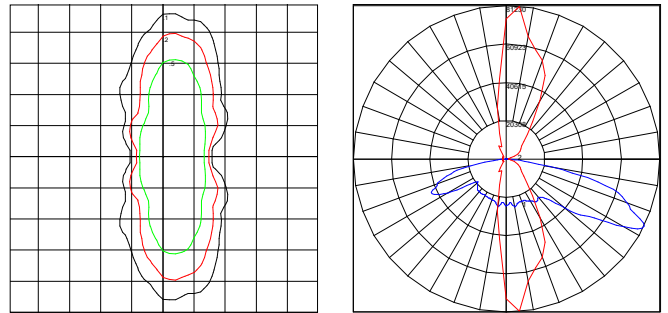
Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade

— Vertical plane through horizontal angle of maximum candlepower at 85°  
— Horizontal cone through vertical angle of 66°

### Roadway Optic Lowered High-Angle Brightness Configurations

#### ERHM04 P7 Type II Narrow - Lowered High-Angle Brightness

100,000 Lumens  
4000K  
ERHM04\_10P7740\_...IES

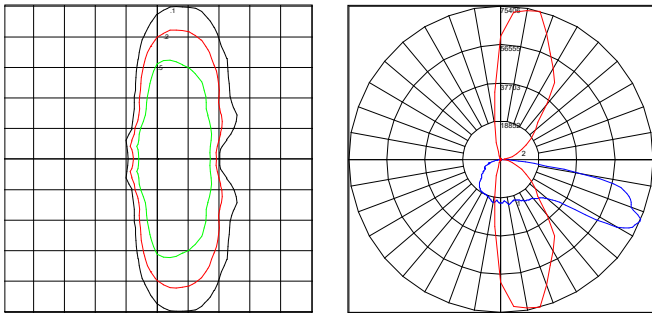


Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade

— Vertical plane through horizontal angle of maximum candlepower at 85°  
— Horizontal cone through vertical angle of 64°

#### ERHM04 B7 Type II Wide

100,000 Lumens  
4000K  
ERHM04\_10B7740\_...IES

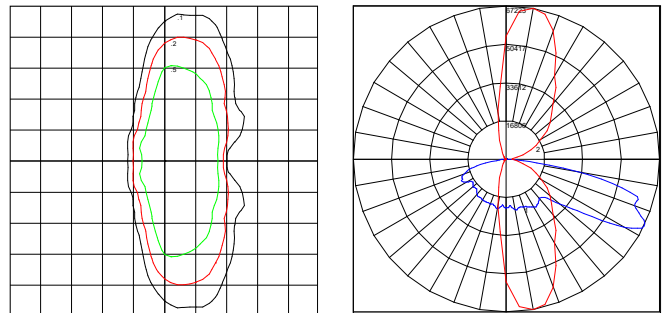


Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade

— Vertical plane through horizontal angle of maximum candlepower at 75°  
— Horizontal cone through vertical angle of 66°

#### ERHM04 Q7 Type II Narrow - Lowered High-Angle Brightness

100,000 Lumens  
4000K  
ERHM04\_10Q7740\_...IES



Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade

— Vertical plane through horizontal angle of maximum candlepower at 80°  
— Horizontal cone through vertical angle of 64°

## Photometric Plot

### Roadway Standard Optic Configurations

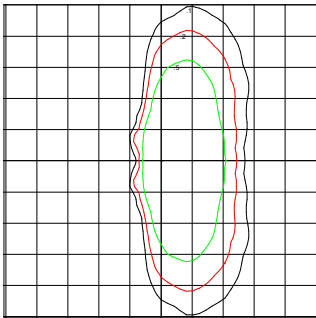
#### ERHM04 C7

##### Type III

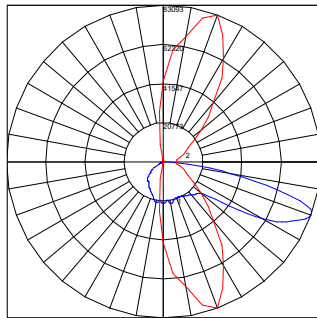
100,000 Lumens

4000K

ERHM04\_10C7740\_...IES



Grid Distance in Units of Mounting Height at 60° Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 70°  
— Horizontal cone through vertical angle of 71°

### Roadway Optic Lowered High-Angle Brightness Configurations

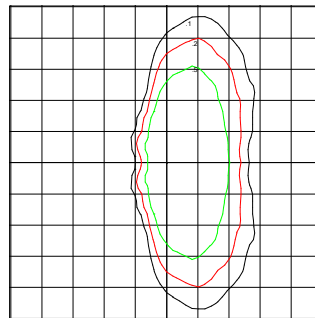
#### ERHM04 R7

##### Type III - Lowered High-Angle Brightness

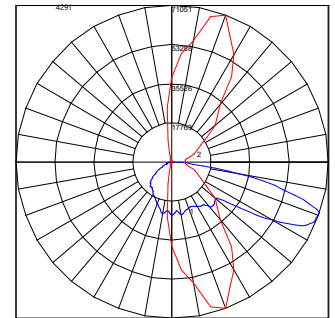
100,000 Lumens

4000K

ERHM04\_10R7740\_...IES



Grid Distance in Units of Mounting Height at 60° Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 70°  
— Horizontal cone through vertical angle of 71°

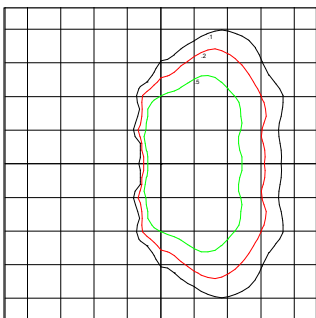
#### ERHM04 D7

##### Type III/IV

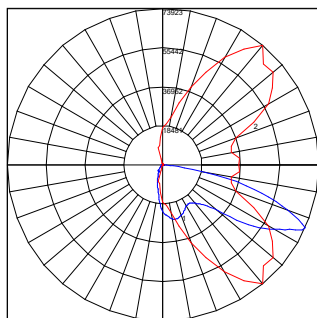
100,000 Lumens

4000K

ERHM04\_10D7740\_...IES



Grid Distance in Units of Mounting Height at 60° Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 50°  
— Horizontal cone through vertical angle of 66°

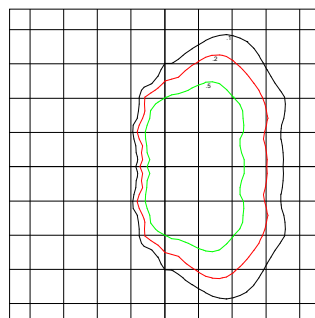
#### ERHM04 S7

##### Type III/IV - Lowered High-Angle Brightness

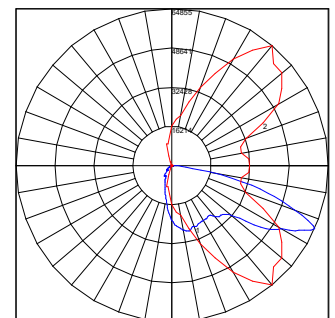
100,000 Lumens

4000K

ERHM04\_10S7740\_...IES



Grid Distance in Units of Mounting Height at 60° Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 50°  
— Horizontal cone through vertical angle of 66°

## Photometric Plot

### Roadway Standard Optic Configurations

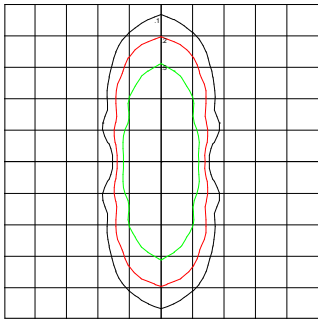
#### ERHM04 AA

##### Type I

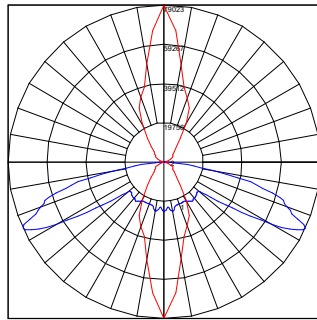
100,000 Lumens

4000K

ERHM04\_10AA740\_...IES



Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 90°  
— Horizontal cone through vertical angle of 65°

### Roadway Optic Lowered High-Angle Brightness Configurations

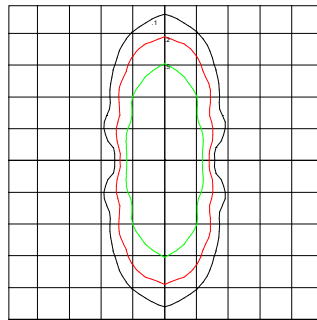
#### ERHM04 PP

##### Type I - Lowered High-Angle Brightness

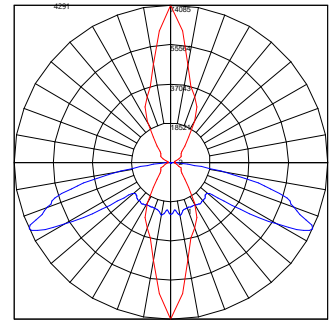
100,000 Lumens

4000K

ERHM04\_10PP740\_...IES



Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 90°  
— Horizontal cone through vertical angle of 65°

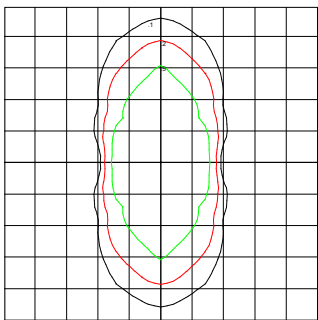
#### ERHM BB

##### Type II Sym.

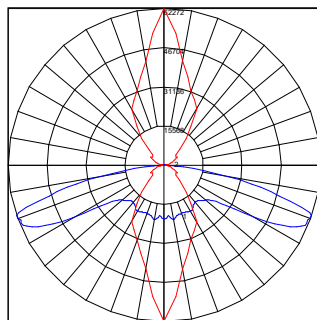
100,000 Lumens

4000K

ERHM04\_10BB740\_...IES



Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 90°  
— Horizontal cone through vertical angle of 71°

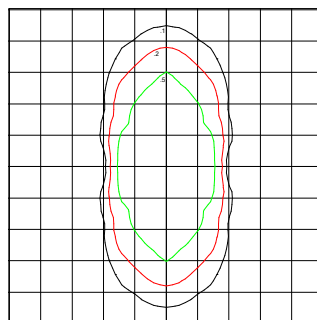
#### ERHM04 QQ

##### Type II Sym. - Lowered High-Angle Brightness

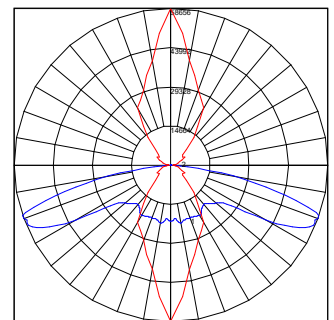
100,000 Lumens

4000K

ERHM04\_10QQ740\_...IES



Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade



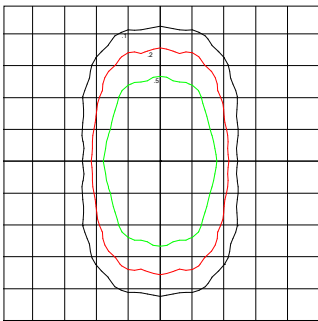
— Vertical plane through horizontal angle of maximum candlepower at 90°  
— Horizontal cone through vertical angle of 71°

## Photometric Plot

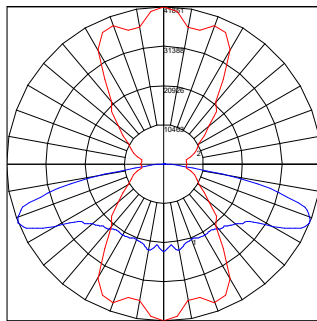
### Roadway Standard Optic Configurations

#### ERHM04 CC Type III Sym.

100,000 Lumens  
4000K  
ERHM04\_10CC740\_...IES



Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade

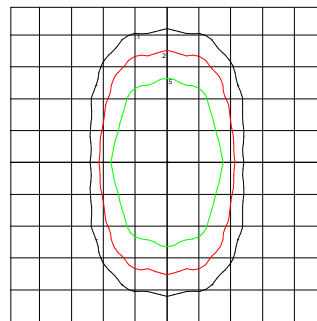


— Vertical plane through horizontal angle of maximum candlepower at 90°  
— Horizontal cone through vertical angle of 68°

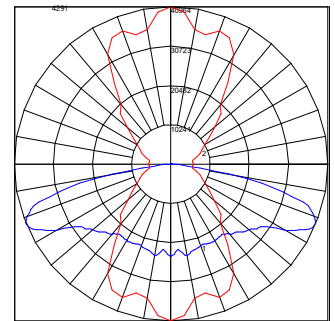
### Roadway Optic Lowered High-Angle Brightness Configurations

#### ERHM04 RR Type III Sym. - Lowered High-Angle Brightness

100,000 Lumens  
4000K  
ERHM04\_10RR740\_...IES



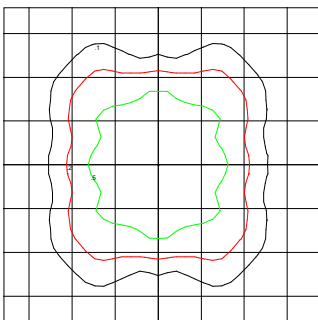
Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade



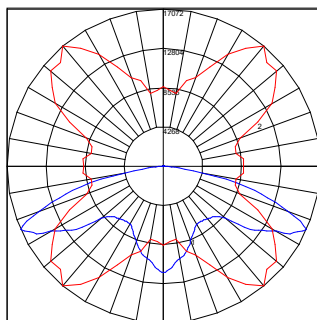
— Vertical plane through horizontal angle of maximum candlepower at 90°  
— Horizontal cone through vertical angle of 68°

#### ERHM04 DD Type VS

50,000 Lumens  
4000K  
ERHM04\_50DD740\_...IES



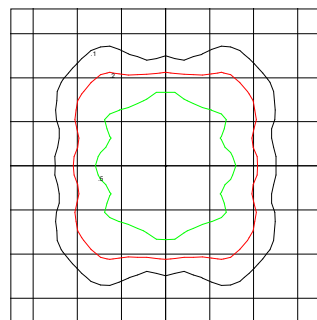
Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade



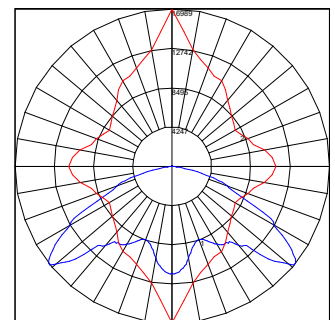
— Vertical plane through horizontal angle of maximum candlepower at 50°  
— Horizontal cone through vertical angle of 66°

#### ERHM04 SS Type VS - Lowered High-Angle Brightness

50,000 Lumens  
4000K  
ERHM04\_50SS740\_...IES



Grid Distance in Units of Mounting Height at 60' Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 90°  
— Horizontal cone through vertical angle of 51°

## Photometric Plot

### Roadway Standard Optic Configurations

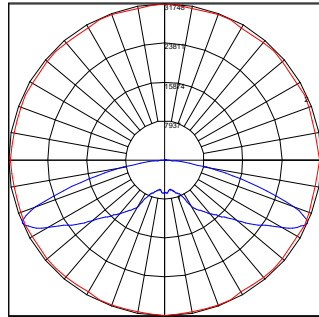
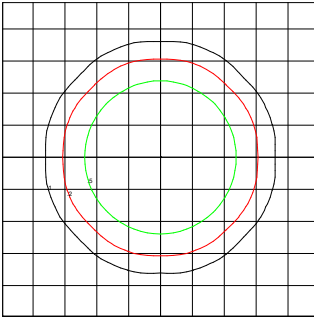
#### ERHM04 VW

##### Type V

110,000 Lumens

4000K

ERHM04\_10VW740\_\_IES



Grid Distance in Units  
of Mounting Height at 60° Initial  
Footcandle Values at Grade

— Vertical plane through horizontal angle of  
maximum candlepower at 90°  
— Horizontal cone through vertical angle of 66°

### Roadway Optic Lowered High-Angle Brightness Configurations

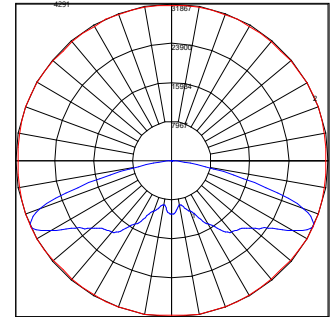
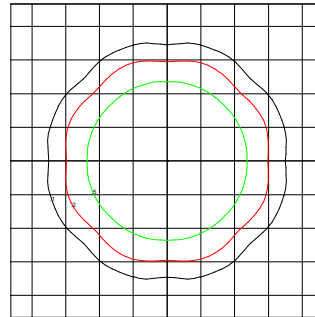
#### ERHM04 VN

##### Type V Lowered High-Angle Brightness

110,000 Lumens

4000K

ERHM04\_11VN740\_\_IES



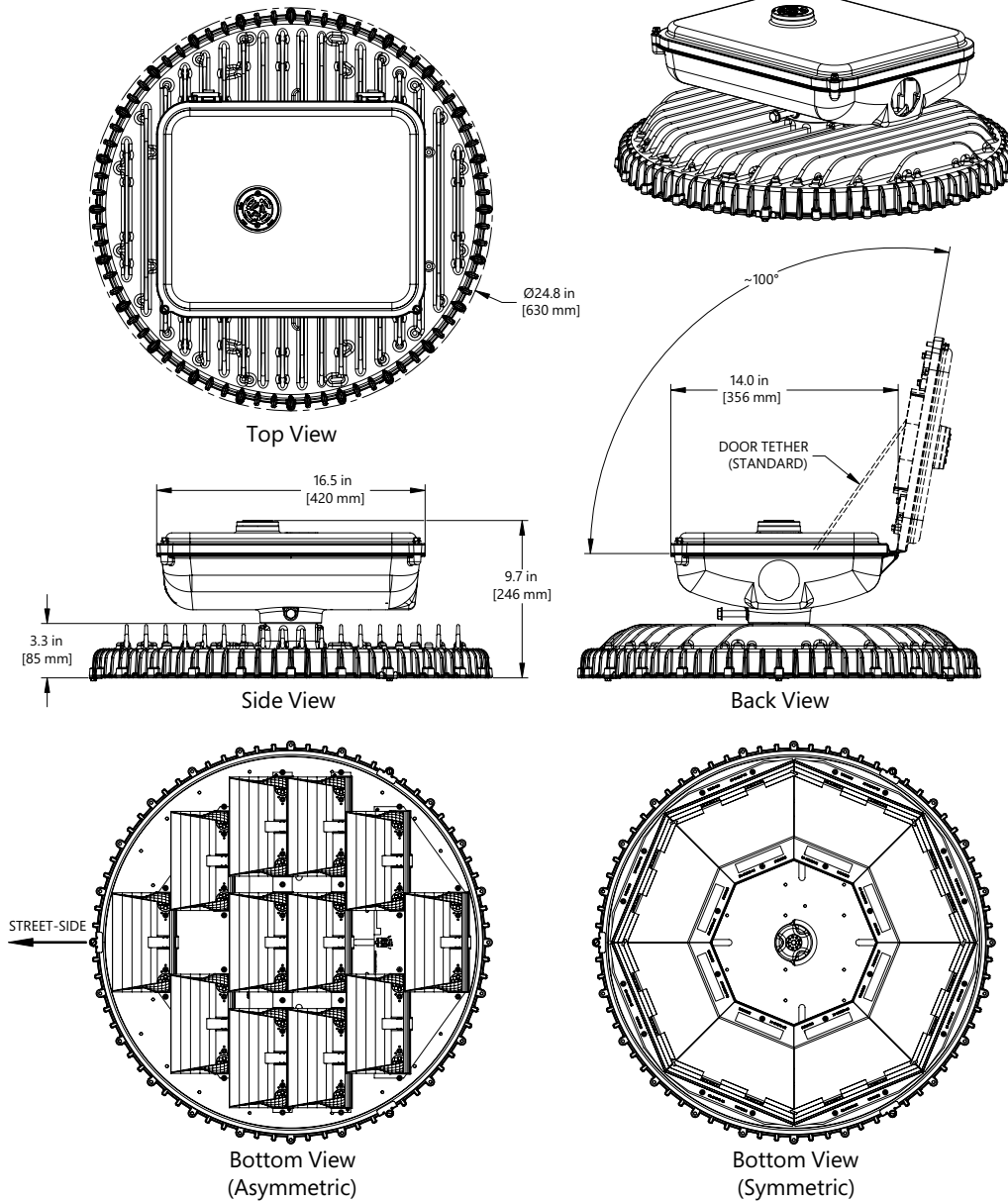
Grid Distance in Units  
of Mounting Height at 60° Initial  
Footcandle Values at Grade

— Vertical plane through horizontal angle of maximum  
candlepower at 25°  
— Horizontal cone through vertical angle of 65°

## Luminaire Ambient Temperature Factor (LATF)

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR
10	1.02
20	1.01
25	1
30	0.99
40	0.98

## Dimensions



### MOUNTING

- 4 Bolt Slipfitter with +/-5 degree of adjustment
- Integral mounting pipe stop
- 2 in. (2.375" OD, 60 mm OD) mounting pipe

### EFFECTIVE PROJECTED AREA

- Effective Projected Area: 1.3 ft.<sup>2</sup> (0.12m<sup>2</sup>) (Max, no shield)

### WEIGHT

- Weight: ~50Lbs (~23kg)

### NETWORKED LIGHTING CONTROL



Current's **LightGrid+**™ Outdoor Lighting Control System is designed for Street and Roadway Applications. It enables remote monitoring, control, and asset management of a single fixture or a group of fixtures through a web enabled Central Management System.