Vanity Mirror | BEVELED WALL

BalancedCare™

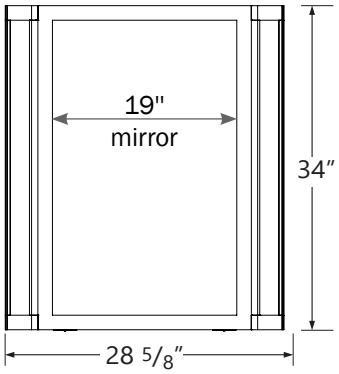
Project _____

Type _____

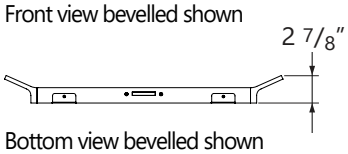
Notes _____

- Shallow depth, surface-mount with beveled edges
- Integral shadow-free vertical BeWell Optics for superior facial modeling
- LED lighting with high color-rendering (90 CRI), as well as red rendering (R9>50) for skin tone evaluation
- Fixed 5° tilt adjustment available for ADA accessibility (optional)
- Amber or white (2700K-4000K) nightlight available
- High lumen output (>1700 lumens) for facial modeling and grooming
- Mirror available in acrylic or polycarbonate finish

*Patent pending



Front view bevelled shown



Bottom view bevelled shown

BeWell OPTICS · PoE · IK10* · IP64 · NSF · cULus Listed · Control Sensors · LED BOARD & DRIVER 5 YEAR LUMINAIRE WARRANTY

** IK10 rating applies to the polycarbonate mirror section only, not the beveled lighting segments on either side.*

Ordering Guide

BCVB							
PRODUCT ID		COLOR TEMP.		NIGHTLIGHT (OPT.)		FINISH	
BCVB	Vanity Mirror Beveled	**30**	3000 K	**NTL(27)**	white 2700 K	**AMA**	antimicrobial aluminum paint
		35	3500K	**NTL(30)**	white 3000 K	**AMW**	antimicrobial white
		40	4000K	**NTL(35)**	white 3500 K	**AMB**	antimicrobial black
				NTL(40)	white 4000 K	**C**	custom*
				NTL(AMB)	amber		
						Antimicrobial finish is standard. *Consult factory for NSF.	

VOLTAGE		TILT (OPTIONAL)		MIRROR MATERIAL	
120	120 V	**BT**	5° Tilt Bracket	**ACR**	Acrylic*
277	277 V			**POL**	Polycarbonate**
UNV	universal				
				*See p. 2 for description **IK10 rated for polycarbonate option only	

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BalancedCare™ by axis

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LIGHT GUIDE

High precision light guide made of PMMA material, allows distribution of controlled light in all 3-dimensions to put light on both vertical and horizontal planes within the space. Patented lightguide design featuring molecular optics and precision-coupled optic components yield a high efficiency luminaire. In-plane mixing maximizes color uniformity while light emitting area is uniform and diffuse without 'head lighting' from the LEDs.

CONSTRUCTION

Frame	Extruded aluminum, powder coated
Lightguides	Laser cut Optical extruded PMMA
Back Plate	14ga Aluminum Sheet with impact support tray
Mirror	Acrylic with clear sections and anti-scratch coating (or Polycarbonate option)
Mounting Frame	20ga formed anti corrosive Stainless Steel
Fasteners	Passivated, corrosion resistant 316 stainless Steel
Mounting Fasteners	Tamper resistant Torx Screws
Diffusers	PMMA Optical Film
Surface film	PET protective antiscratch film

Specification sheets for wall mounted Vanity Mirror luminaires are available at: www.balancedcare.axislighting.com under 'Downloads' tab.

ELECTRICAL

Lutron driver* (remote only)	**LDE1** - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black **LTEA** - Hi-lume 1% 2-wire (120V forward phase only) *Consult factory
Other drivers (remote only)**	**DALI** - Digital Addressable Lighting Interface **DMX** - Digital Multiplex
Power over Ethernet POE drivers* (remote, consult factory for more information) UL2108 certified for integral or remote driver	MOLEX IGOR SMARTENGINE **O** - Other (Consult factory)
Emergency (remote only) **Consult factory**	Emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V (Remote driver only), UNV, DC.

***Choose driver from available options.**

Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

OPTICS

BeWell Optics

Optical Diffuser - High transmission PMMA light scattering volumetric diffuser film.

LED SYSTEM

CRI	Higher than 90 CRI with R9>50
CCT	Choice of 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.5–step MacAdam ellipse).
LED life	Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal management	Aluminium components act as the heat sink to maximize life.

FINISH

Antimicrobial paint, powder coated and custom finishes are also available.

APPROVALS

Certified to UL standards
Suitable for damp locations.
NSF approved.

WEIGHT

Vanity Mirror Bevelled	22.5 lbs / 10.2 kg

WARRANTY

BalancedCare™ by Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications.
If defective, BalancedCare™ will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to BalancedCare™.

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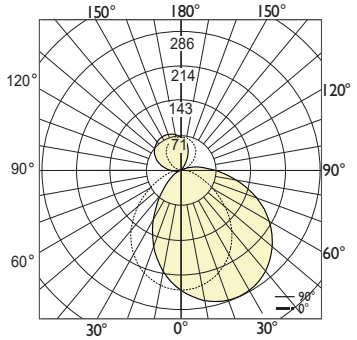
PHOTOMETRIC DATA

LEFT

PHOTOMETRIC CURVE



Luminaire Lumens: 884 lm per left illuminated side
Input Watts: 10.28 W
Efficacy: 86 lm/W
IES FILE: BCVB-35-AMW-UNV - Left.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	246	246	246	246	246
5	245	251	256	259	260
15	235	252	267	276	280
25	213	241	265	281	286
35	182	220	252	273	279
45	143	189	228	252	260
55	97	149	193	220	229
65	57	103	149	180	189
75	30	61	100	131	141
85	10	32	58	82	91
90	2	22	42	61	68
95	3	11	29	44	50
105	9	0	7	19	23
115	18	5	0	0	0
125	30	14	2	0	0
135	42	27	13	5	1
145	53	42	28	20	16
155	61	53	45	38	35
165	66	61	58	55	53
175	68	67	65	64	64
180	68	68	68	68	68

ZONAL LUMENS

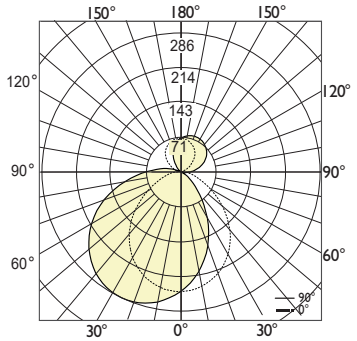
	Lumens
Zone	
0	
0-10	23
10-20	66
20-30	97
30-40	113
40-50	112
50-60	99
60-70	77
70-80	54
80-90	36
90-100	25
100-110	21
110-120	22
120-130	27
130-140	30
140-150	31
150-160	27
160-170	18
170-180	6
180	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	4278	6836	7790
55	3605	7147	8474
65	2878	7470	9502
75	2457	8214	11561
85	2553	14098	22068

RIGHT

PHOTOMETRIC CURVE



Luminaire Lumens: 884 lm per right illuminated side
Input Watts: 10.28 W
Efficacy: 86 lm/W
IES FILE: BCVB-35-AMW-UNV - Right.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	246	246	246	246	246
5	245	239	234	231	230
15	233	216	201	191	188
25	211	182	158	142	137
35	178	139	108	90	84
45	136	93	63	47	43
55	92	53	31	21	18
65	53	26	10	2	2
75	27	7	3	7	9
85	9	3	9	14	17
90	1	6	13	19	22
95	2	9	17	25	29
105	8	17	29	39	43
115	16	30	43	52	56
125	28	43	55	63	66
135	40	54	64	70	73
145	51	62	70	75	77
155	59	67	73	77	78
165	65	69	73	75	76
175	68	69	70	71	71
180	68	68	68	68	68

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	23
10-20	66
20-30	97
30-40	113
40-50	112
50-60	99
60-70	77
70-80	54
80-90	36
90-100	25
100-110	21
110-120	22
120-130	27
130-140	30
140-150	31
150-160	27
160-170	18
170-180	6
180	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	4092	1884	1301
55	3387	1159	663
65	2654	522	81
75	2227	251	721
85	2083	2281	4109

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