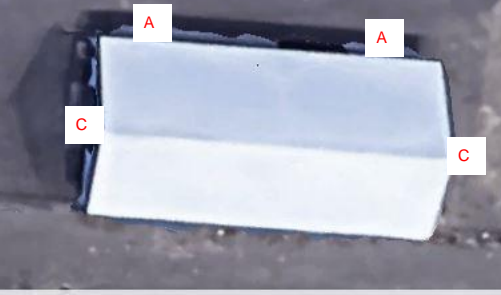Light Fixture Legend by Type:

A - Wall Pack, RAB - ALEDS4TWMY

B - Wall Pack, RAB - SLIMFC37Y/D10

C - Area Light, RAB - ALEDM3TWMY

D - 2-head Motion Light under canopy, Econolight LED-FXBFD20/830/BK-SEN, these are mounted under a canopy and cannot emit light upward

F - Area Light - RAB - ALEDM4TWMY

G - Area Light - RAB - ALEDM4TWMY

H - Area Light - RAB - ALEDM4TWMY

Exhibit A.15

Project:	Type:
New Horizon	A

Prepared By:	Date:

Color: Bronze   Weight: 13.2 lbs

Driver Info

Type	Constant Current
120V	0.67A
208V	0.40A
240V	0.34A
277V	0.30A
Input Watts	81.1/57.2/40.4W

LED Info

Watts	80W
Color Temp	3000K (Warm)
Color Accuracy	82 CRI
L70 Lifespan	100,000 Hours
Lumens	10,172/7,517/5,468 lm
Efficacy	125.4/131.4/135.3 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):
Field adjustable light output in 3 discrete steps:
Small Housing: 80W/60W/40W (factory default 80W)

Compliance

UL Listed:
Suitable for wet locations

IP Rating:
Ingress protection rating of IP66 for dust and water

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Dark Sky Conformance:
Dark Sky Approved in 3000K. Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole).

Light Usage for Night Applications:
This product has received the Design Lights Consortium's LUNA listing for 3000K Models. Designed to meet LUNA 5.1 requirements.
LUNA Product Code: S-FMQH1N

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-FMQH1N

LED Characteristics

LEDs:
Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:
40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
2.32% at 120V, 7.28% at 277V

Power Factor:
99.9% at 120V, 96.5% at 277V

Surge Protection:
Line to Line: 10kV
Line to Ground: 6kV

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Technical Specifications (continued)

Wattage Equivalency:
Equivalent to 250W Metal Halide

Construction

IES Classification:
The Type IV distribution is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Ambient Temperature :
Max Power Temp Rating: 40°C (104°F)
Middle Power Temp Rating: 52°C (125°F)
Low Power Temp Rating: 58°C (137°F)

Housing:
Die-cast aluminum

Reflector:
Aluminum reflector with white polycarbonate

Vibration Rating:
3G vibration rating per ANSI C136.31

Effective Projected Area:
1 Fixture: 0.35
2 Fixtures at 90°: 0.54
2 Fixtures at 180°: 0.7
3 Fixtures at 90°: 0.9
4 Fixtures at 90°: 0.9

Gaskets:
High-temperature silicone gaskets

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Installation

Mounting:
Wall mount

Optical

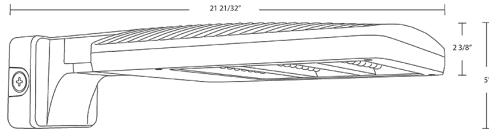**BUG Rating:**
40W: B1 U0 G2
60W: B1 U0 G2
40W: B1 U0 G2

Other

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions

21 21/32"

2 3/8"

5"

Features

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	S	4T	WM	Y			

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
	S = Small (80W/60W/40W) **M =** Medium (150W/90W/78W) **L =** Large (260W/220W/170W) **XL =** Extra Large (385W/345W/300W)	**2T =** Type II **3T =** Type III **4T =** Type IV **5T =** Type V **AT =** Auto Dealership Optic	**Blank =** Universal Pole Mount **SF =** Slipfitter **WM =** Wall Mount	**Blank =** 5000K Cool **N =** 4000K Neutral **Y =** 3000K Warm [1]	**Blank =** Bronze **W =** White **B =** Black	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming [2]	**Blank =** No Option **/7PR =** 7 Pin Twistlock Receptacle **/WS2 =** Wattstopper, 20ft lens **/WS4 =** Wattstopper, 40ft lens [3]

[1] *Dark sky approved in 3000K, available only on Small and Medium fixtures*
[2] *480V available only on Medium, Large & Extra Large fixtures*
[3] *Wattstopper option available only 0n Large & Extra Large fixtures*

Project:		Type:	
New Horizon		B	
Prepared By:		**Date:**	

Driver Info

Type	Constant Current
120V	0.31A
208V	0.19A
240V	0.16A
277V	0.14A
Input Watts	35.2W

LED Info

Watts	37W
Color Temp	3000K (Warm)
Color Accuracy	71 CRI
L70 Lifespan	100,000 Hours
Lumens	3,339 lm
Efficacy	94.9 lm/W

37, 57 and 62 Watt SLIM Wall packs are designed to cover the footprint of most traditional wall packs. They are suitable for mounting heights from 20' to 30', and replace HID Wattages from 200W MH to 320W MH. These ultra-high efficiency fixtures are available in cutoff or full cutoff models.

Color: Bronze   Weight: 8.4 lbs

Technical Specifications

Compliance

UL Listed:
Suitable for Wet Locations. Wall Mount Only.

IP Rating:
Ingress protection rating of IP66 for dust and water

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Dark Sky Conformance:
Allows for conformance to the IDA's fully shielding requirement, emitting no light above 90 degrees.

Construction

Footprint:
Designed to replace RAB HID WP1 wall packs, both in size and footprint template, so upgrading to LED is easy and seamless

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

Housing:
Precision die-cast aluminum housing and door frame

Mounting:
Die-cast back box with four (4) conduit entry points and knockout pattern for junction box or direct wall mounting. Hinged housing and bubble level for easy installation.

Full Cutoff:
Allows for conformance to the IDA's fully shielding requirement, emitting no light above 90 degrees.

Recommended Mounting Height:
Up to 20 ft

Lens:
Microprismatic diffusion glass lens reduces glare and has smooth and even light distribution

Reflector:
Specular thermoplastic

Gaskets:
The unique design of the tight-lock gasket ensures no water or environmental elements will ever get inside the SLIM

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

LED Characteristics

LED:
Long-life, high-efficiency, micro-power, surface mount LEDs; binned and mixed for uniform light output and color

Color Stability:
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Consistency:
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Other

Accessories:
Available accessories include polyshield and wire guard. Click here to see all accessories.

RAB

Technical Specifications (continued)

Patents:
The design of the SLIM™ is protected by patents pending in US, Canada, China, Taiwan and Mexico

HID Replacement Range:
Replaces 200W Metal Halide

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.
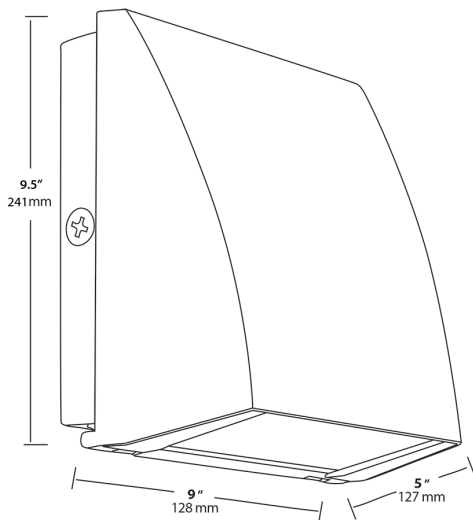
Optical
BUG Rating:
B1 U0 G0

Electrical
Driver:
Constant Current, 100-277V. 50/60Hz, 100-277VAC 0.6A, 4kV Surge Protection, 700mA, Power Factor 99.3%.

Dimensions

9.5"
241mm

9"
128 mm

5"
127 mm

Features

Covers footprint of most traditional wall packs

Easy installation with hinged access, bubble level and multiple conduit entries

Tight-lock gasket keeps elements out

100,000-hour LED lifespan

5-Year, No-Compromise Warranty

Ordering Matrix

Family	Cutoff	Wattage	Color Temp	Finish	Driver Options	Options	Other Options
SLIM	FC	37	Y		/D10		

Family	Cutoff	Wattage	Color Temp	Finish	Driver Options	Options	Other Options
	Blank = Cutoff (10 degrees) **FC =** Full Cutoff (0 degrees)	**37 =** 37W **57 =** 57W **62 =** 62W	**Blank =** 5000K Cool **N =** 4000K Neutral **Y =** 3000K Warm	**Blank =** Bronze **W =** White	**Blank =** Standard (120-277V) **/BL =** Bi-Level **/D10 =** Dimmable **/480 =** 480V	**Blank =** No Option **/PC =** 120V Button Photocell **/PC2 =** 277V Button Photocell **/PCS =** 120V Swivel Photocell **/PCS2 =** 277V Swivel Photocell **/LC =** Lightcloud Controller	**USA =** BAA Compliant **Blank =** Standard

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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Project: New Horizon

Type: C

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	1.25A
208V	0.73A
240V	0.63A
277V	0.55A
Input Watts	147.3/91/75.4W

LED Info

Watts	150W
Color Temp	3000K (Warm)
Color Accuracy	82 CRI
L70 Lifespan	100,000 Hours
Lumens	19,524/12,835/10,769 lm
Efficacy	132.5/141/142.8 lm/W

Color: Bronze   Weight: 16.5 lbs

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):
Field adjustable light output in 3 discrete steps:
Medium Housing: 150W/90W/78W (factory default 150W)

Compliance

UL Listed:
Suitable for wet locations

IP Rating:
Ingress protection rating of IP66 for dust and water

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Dark Sky Conformance:
Dark Sky Approved in 3000K. Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole).

Light Usage for Night Applications:
This product has received the Design Lights Consortium's LUNA listing for 3000K Models. Designed to meet LUNA 5.1 requirements.
LUNA Product Code: S-E1RUL3

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-E1RUL3

LED Characteristics

LEDs:
Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:
78W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.65A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

90W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.75A, 208V: 0.44A, 240V: 0.38A, 277V: 0.33A

150W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.25A, 208V: 0.73A, 240V: 0.63A, 277V: 0.55A

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
3.59% at 120V, 8.04% at 277V

Power Factor:
100% at 120V, 95.6% at 277V

Surge Protection:
Line to Line: 10kV
Line to Ground: 6kV

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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Technical Specifications (continued)

Wattage Equivalency:
Equivalent to 400W Metal Halide

Construction

IES Classification:
The Type III distribution is meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Ambient Temperature :
Max Power Temp Rating: 40°C (104°F)
Middle Power Temp Rating: 52°C (125°F)
Low Power Temp Rating: 54°C (130°F)

Housing:
Die-cast aluminum

Lens:
Polycarbonate lens

Reflector:
Aluminum reflector with white polycarbonate

Vibration Rating:
3G vibration rating per ANSI C136.31

Effective Projected Area:
1 Fixture: 0.37
2 Fixtures at 90°: 0.59
2 Fixtures at 180°: 0.74
3 Fixtures at 90°: 0.96
4 Fixtures at 90°: 0.96

Gaskets:
High-temperature silicone gaskets

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Installation

Mounting:
Wall mount

Optical

BUG Rating:
150W: B2 U0 G3
90W: B2 U0 G2
78W: B1 U0 G2

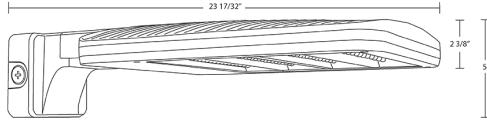## Other

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

ALEDM3TWMY

RAB®

Dimensions

23 17/32"

2 3/8"

5"

Features

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	M	3T	WM	Y			
	S = Small (80W/60W/40W) **M =** Medium (150W/90W/78W) **L =** Large (260W/220W/170W) **XL =** Extra Large (385W/345W/300W)	**2T =** Type II **3T =** Type III **4T =** Type IV **5T =** Type V **AT =** Auto Dealership Optic	**Blank =** Universal Pole Mount **SF =** Slipfitter **WM =** Wall Mount	**Blank =** 5000K Cool **N =** 4000K Neutral **Y =** 3000K Warm [1]	**Blank =** Bronze **W =** White **B =** Black	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming [2]	**Blank =** No Option **/7PR =** 7 Pin Twistlock Receptacle **/WS2 =** Wattstopper, 20ft lens **/WS4 =** Wattstopper, 40ft lens [3]

[1] Dark sky approved in 3000K, available only on Small and Medium fixtures

[2] 480V available only on Medium, Large & Extra Large fixtures

[3] Wattstopper option available only 0n Large & Extra Large fixtures

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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naturaled®

Turning Light into Savings ▶▶▶

SECURITY **WALL LIGHTS**

5 YEAR WARRANTY

Product Description

naturaLED® Wall Lights double head bullet with motion sensor. Our security floodlights come in 20-watt to replace your existing incandescent up to 200-watt, saving up to 90% of energy. Super energy efficient and lasts up to 50,000+ hours average life. naturaLED® security lights are ideal solution for security lights, both residential, commercial and many other outdoor applications.

ENERGY STAR   WET RATED LOCATION   c(UL)us   FC   LM 79   LM 80   RoHS Compliant

Features & Benefits

▸ Energy Star Qualified
▸ UL Wet
▸ Up to 80% energy savings
▸ Instant on
▸ Light weight
▸ Contains no mercury or lead
▸ 50,000 hrs rated average life

Specifications

▸ Input line voltage: 120V
▸ Power Factor: >0.9
▸ THD: <20%
▸ Beam Angle: Flood
▸ Operating temperature: -22°F - 122°F
▸ Finish: Black / White

Applications

▸ Security Lighting
▸ Accent Lighting
▸ Residential Lighting
▸ Outdoor Lighting
▸ Wall Lighting

Optional Accessories

▸ Motion / Daylight Sensor
 *For Security Flood Light*
  P10118 SEN-ES-180NX3-2VR/BK

MAX. 10Ft
SENSITIVITY

D2D   Test
5'   Auto
TIMER

1/2" npt
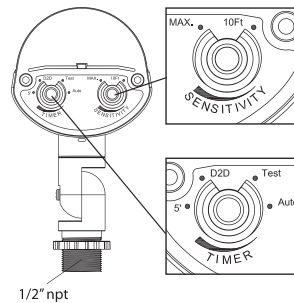
Ordering Information

Code	Description	CCT	Watt	Lumen	Equiv Wattage	Style	Beam Angle	Color	Rated Hrs	💧	⭐
	Security Flood Light w/Sensor										
7030	LED-FXBFD20/830/BK-SEN	3000K	20	1,400	200	Security	70	Black	50,000	•	•
7031	LED-FXBFD20/850/BK-SEN	5000K	20	1,400	200	Security	70	Black	50,000	•	•
7066	LED-FXBFD20/830/WH-SEN	3000K	20	1,400	200	Security	70	White	50,000	•	•
7067	LED-FXBFD20/850/WH-SEN	5000K	20	1,400	200	Security	70	White	50,000	•	•

Photometric Data

BFD- Double Head Round

cd/klm
η = 100%
C0 - C180   C90 - C270
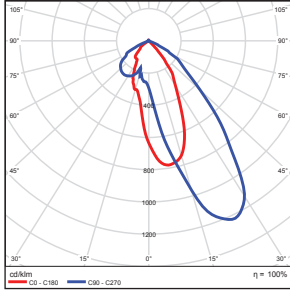
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	540.68	39.80
0-40	834.24	61.40
0-60	1247.96	91.80
60-80	104.99	7.70
70-80	23.00	1.70
90-120	0.22	0.00
90-180	5.42	0.40
0-180	1359.13	100.00

Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc	Beam Width	
17.0ft	2.17 fc	6.8 ft	10.3 ft
34.0ft	0.54 fc	13.6 ft	20.5 ft
51.0ft	0.24 fc	20.5 ft	30.8 ft
68.0ft	0.14 fc	27.3 ft	41.1 ft
85.0ft	0.09 fc	34.1 ft	51.3 ft
102.0ft	0.06 fc	40.9 ft	61.6 ft

■ Vert. Spread: 22.7°
■ Horiz. Spread: 33.6°

Product Dimensions

FXBFD **Weight:** 2.43-lbs
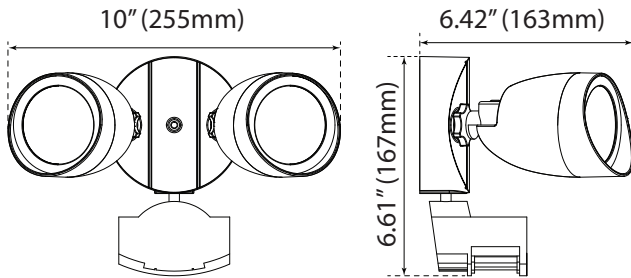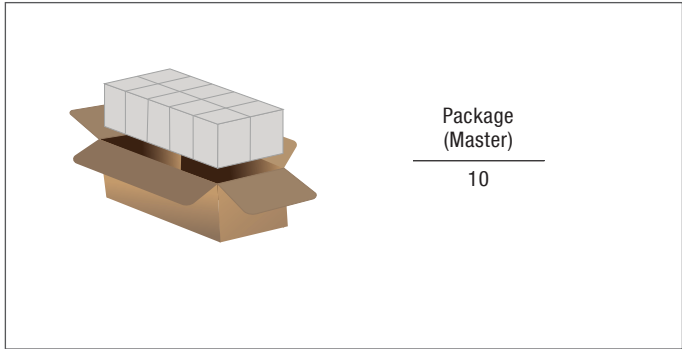
10" (255mm)

6.42" (163mm)

6.61" (167mm)

Package

Package
(Master)

10

FIXTURES F,G,H

RAB®

Project:	Type:
New Horizon	F, G, H

Prepared By:	Date:

Color: Bronze   Weight: 16.5 lbs

Driver Info

Type	Constant Current
120V	1.25A
208V	0.73A
240V	0.63A
277V	0.55A
Input Watts	148.2/91.5/75.8W

LED Info

Watts	150W
Color Temp	3000K (Warm)
Color Accuracy	82 CRI
L70 Lifespan	100,000 Hours
Lumens	19,267/12,666/10,628 lm
Efficacy	130/138.4/140.2 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):
Field adjustable light output in 3 discrete steps: Medium Housing: 150W/90W/78W (factory default 150W)

Compliance

UL Listed:
Suitable for wet locations

IP Rating:
Ingress protection rating of IP66 for dust and water

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Dark Sky Conformance:
Dark Sky Approved in 3000K. Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole).

Light Usage for Night Applications:
This product has received the Design Lights Consortium's LUNA listing for 3000K Models. Designed to meet LUNA 5.1 requirements.
LUNA Product Code: S-G9H1UZ

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-G9H1UZ

LED Characteristics

LEDs:
Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:
78W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.65A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

90W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.75A, 208V: 0.44A, 240V: 0.38A, 277V: 0.33A

150W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.25A, 208V: 0.73A, 240V: 0.63A, 277V: 0.55A

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
3.83% at 120V, 8.46% at 277V

Power Factor:
99.9% at 120V, 95.7% at 277V

Surge Protection:
Line to Line: 10kV
Line to Ground: 6kV

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

ALEDM4TWMY

Technical Specifications (continued)

Wattage Equivalency:
Equivalent to 400W Metal Halide

Construction

IES Classification:
The Type IV distribution is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Ambient Temperature :
Max Power Temp Rating: 40°C (104°F)
Middle Power Temp Rating: 52°C (125°F)
Low Power Temp Rating: 54°C (130°F)

Housing:
Die-cast aluminum

Lens:
Polycarbonate lens

Reflector:
Aluminum reflector with white polycarbonate

Vibration Rating:
3G vibration rating per ANSI C136.31

Effective Projected Area:
1 Fixture: 0.37
2 Fixtures at 90°: 0.59
2 Fixtures at 180°: 0.74
3 Fixtures at 90°: 0.96
4 Fixtures at 90°: 0.96

Gaskets:
High-temperature silicone gaskets

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Installation

Mounting:
Wall mount

Optical

BUG Rating:
150W: B2 U0 G4
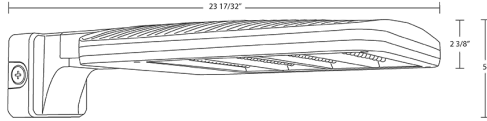90W: B1 U0 G3
78W: B1 U0 G3

Other

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

ALEDM4TWMY

RAB

Dimensions

23 17/32"

2 3/8"

5"

Features

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	M	4T	WM	Y			

	S = Small (80W/60W/40W) **M =** Medium (150W/90W/78W) **L =** Large (260W/220W/170W) **XL =** Extra Large (385W/345W/300W)	**2T =** Type II **3T =** Type III **4T =** Type IV **5T =** Type V **AT =** Auto Dealership Optic	**Blank =** Universal Pole Mount **SF =** Slipfitter **WM =** Wall Mount	**Blank =** 5000K Cool **N =** 4000K Neutral **Y =** 3000K Warm [1]	**Blank =** Bronze **W =** White **B =** Black	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming [2]	**Blank =** No Option **/7PR =** 7 Pin Twistlock Receptacle **/WS2 =** Wattstopper, 20ft lens **/WS4 =** Wattstopper, 40ft lens [3]

[1] *Dark sky approved in 3000K, available only on Small and Medium fixtures*
[2] *480V available only on Medium, Large & Extra Large fixtures*
[3] *Wattstopper option available only 0n Large & Extra Large fixtures*