ZANEEN®

EMME SURFACE

E10C0024- _____ - _____ - _____

base number | Color Temperature | Finish Options | Lens Options

1. To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Emme
Brand: Side
Division: Exterior
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Cylinder
Diameter (mm): 175
Diameter (in): 6 $\frac{7}{8}$
Height (mm): 274
Height (in): 10 $\frac{13}{16}$
Light Distribution: Direct
Weight (kg): 4.25
Weight (lbs): 9.4
Diffuser: Clear tempered glass
Fixture Finish: WHI / BLK / GRY
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 36 / 41.6
Total Output Wattage (W): 32 / 37.6
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current- Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 1050
Upon Request: Remote: 0-10Vdc dimming

LED

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2884.9 / 3147.1
Nominal Lumen (lm): 3300 / 3600
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

Optic°: 25 / 40

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP65
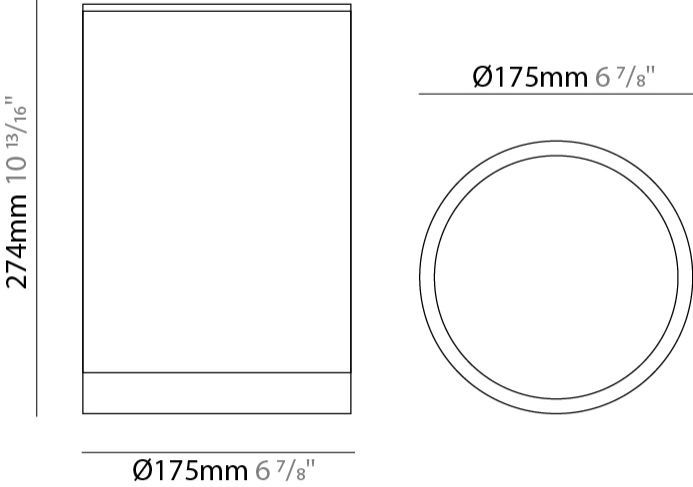IK Rating: IK06
Upon Request: Dark Sky Certification

Ø175mm 6 $\frac{7}{8}$"

274mm 10 $\frac{13}{16}$"

Ø175mm 6 $\frac{7}{8}$"

Ø175mm 6 $\frac{7}{8}$"

4.5kg / 9.97 lbs

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May 5, 2024, 3:15 am

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EMME SURFACE

E10C0024-

E

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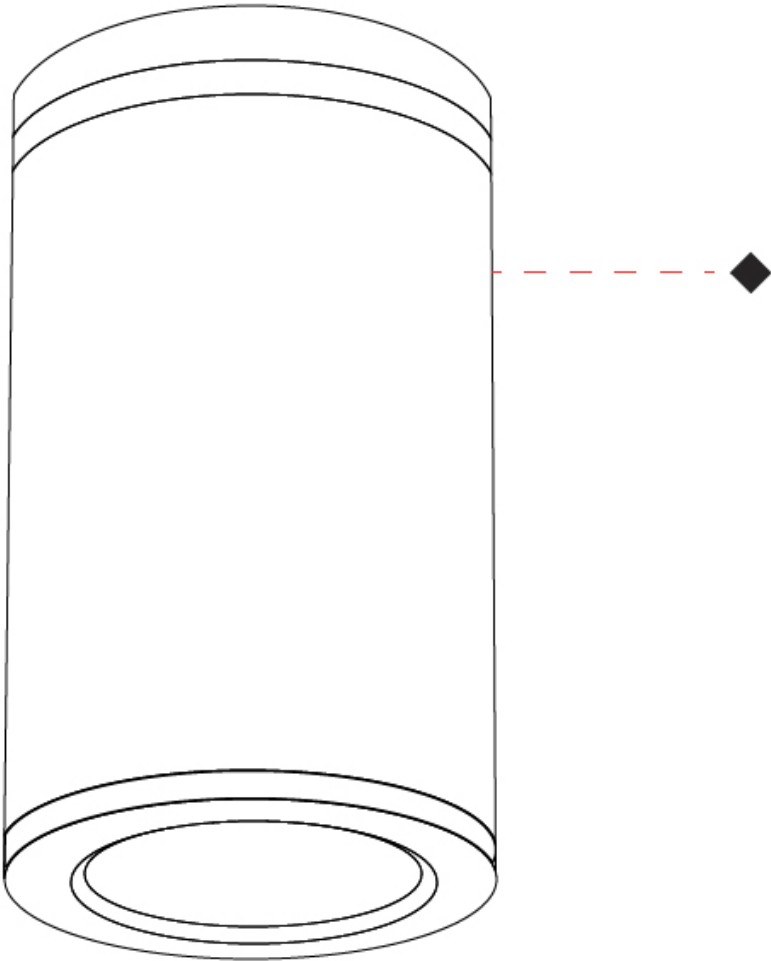
EMME SURFACE

E10C0036-   -   -

base number | Color Temperature | Finish Options | Lens Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL
Series: Emme
Brand: Side
Division: Exterior
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL
Shape: Cylinder
Diameter (mm): 175
Diameter (in): 6 $\frac{7}{8}$
Height (mm): 274
Height (in): 10 $\frac{13}{16}$
Light Distribution: Direct
Weight (kg): 4.25
Weight (lbs): 9.4
Diffuser: Clear tempered glass
Fixture Finish: WHI / BLK / GRY
Fixture Material: Aluminum Die Cast

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20.7
Total Output Wattage (W): 18
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming

LED
Number of LEDs: 1
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 1703.5 / 1803.1
Nominal Lumen (lm): 1880 / 1940
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL
Reflector°: Pure Aluminum Reflector
Optic°: 16 / 24 / 36

RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
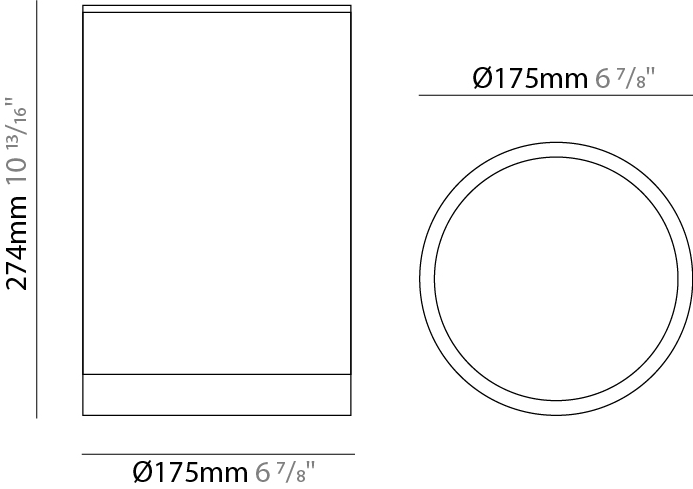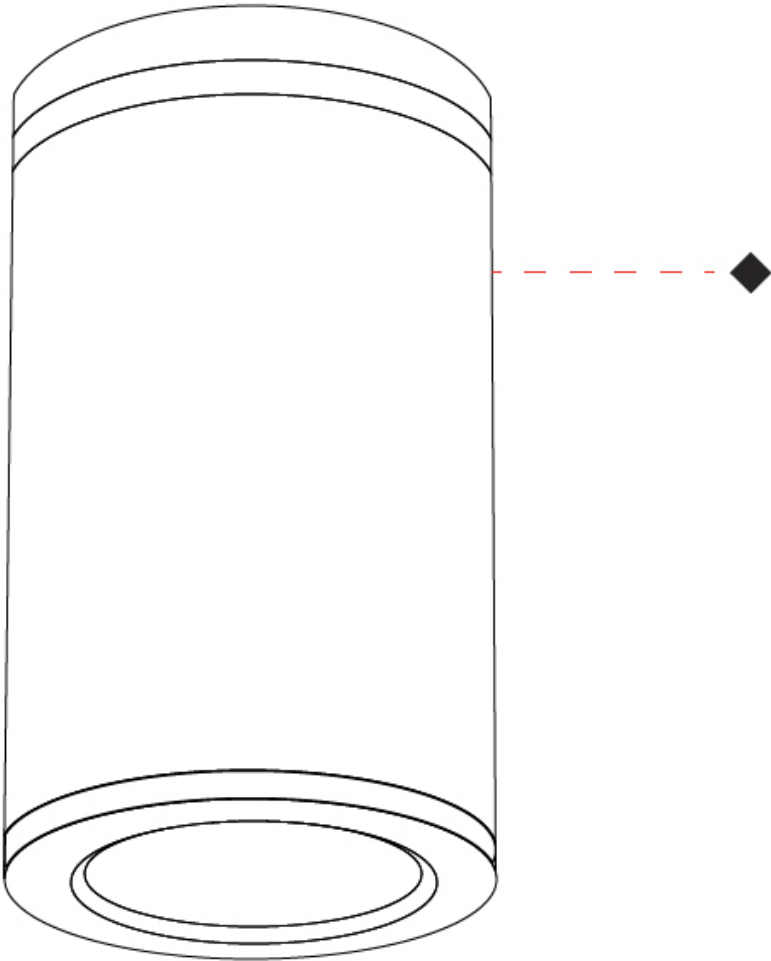IK Rating: IK06
Upon Request: Dark Sky Certification

Ø175mm 6 $\frac{7}{8}$"

274mm 10 $\frac{13}{16}$"

Ø175mm 6 $\frac{7}{8}$"

Ø175mm 6 $\frac{7}{8}$"

☐ 4.5kg / 9.97 lbs

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May 5, 2024, 3:15 am

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EMME SURFACE

E10C0036-

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May 5, 2024, 3:15 am

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EMME SURFACE

E10W0042- ___ - ___ - ___

base number | Color Temperature | Finish Options | Lens Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Emme
Brand: Side
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Up/Down Light

PHYSICAL

Shape: Cylinder
Diameter (mm): 175
Diameter (in): 6 $\frac{7}{8}$
Height (mm): 480
Height (in): 18 $\frac{7}{8}$
Extension (mm): 260
Extension (in): 10 $\frac{1}{8}$
Light Distribution: Direct / Indirect
Weight (kg): 5.5
Weight (lbs): 12.1
Diffuser: Clear tempered glass
Fixture Finish: WHI / BLK / GRY
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 64 / 79.2
Total Output Wattage (W): 32 / 39.6
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 1050
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote 0-10Vdc dimming

LED

Number of LEDs: 2
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2 x 2990.5 / 2 x 4128.6
Nominal Lumen (lm): 2 x 3300 / 2 x 4560
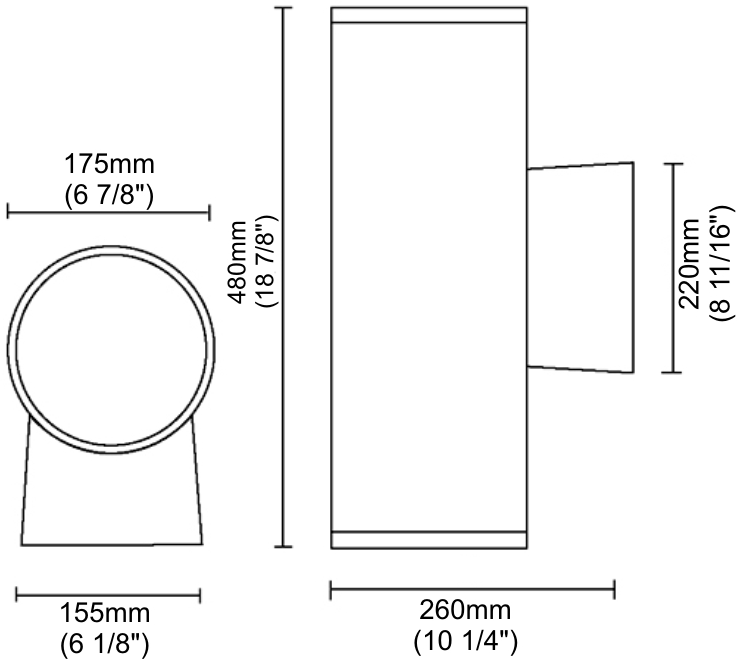CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

Reflector°: Metacrylate LED lens
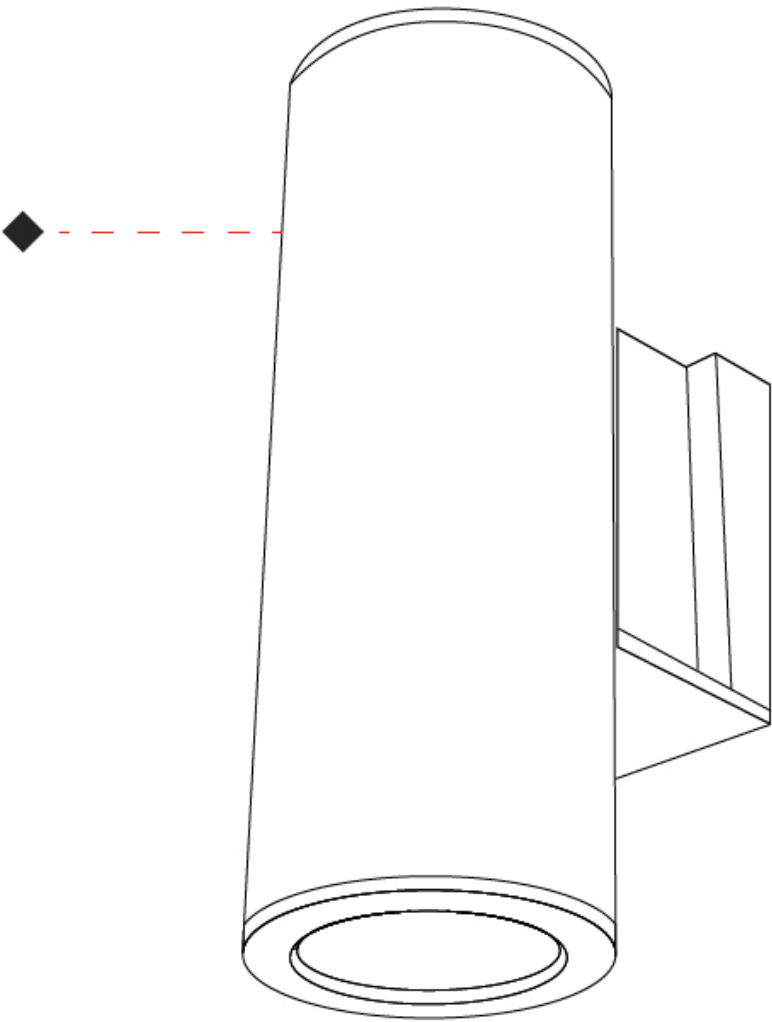Optic°: 25 / 40

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK06

175mm
(6 7/8")

155mm
(6 1/8")

480mm
(18 7/8")

220mm
(8 11/16")

260mm
(10 1/4")

E

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EMME SURFACE

E10W0042-

E

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

May 5, 2024, 3:15 am

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EMME SURFACE

E10W0054-   -   -

base number   Color Temperature   Finish Options   Lens Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Emme
Brand: Side
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Up/Down Light

PHYSICAL

Shape: Cylinder
Diameter (mm): 175
Diameter (in): 6 $\frac{7}{8}$
Height (mm): 480
Height (in): 18 $\frac{7}{8}$
Extension (mm): 260
Extension (in): 10 $\frac{1}{4}$
Light Distribution: Direct / Indirect
Weight (kg): 5.5
Weight (lbs): 12.13
Diffuser: Clear tempered glass
Fixture Finish: BLK / RGR / RWH
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 39
Total Output Wattage (W): 36
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / (Included) Integral: Phase dimming @120Vac only / 277Vac

LED

Number of LEDs: 2
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2 x 1704 / 2 x 1804
Nominal Lumen (lm): 2 x 1880 / 2 x 1990
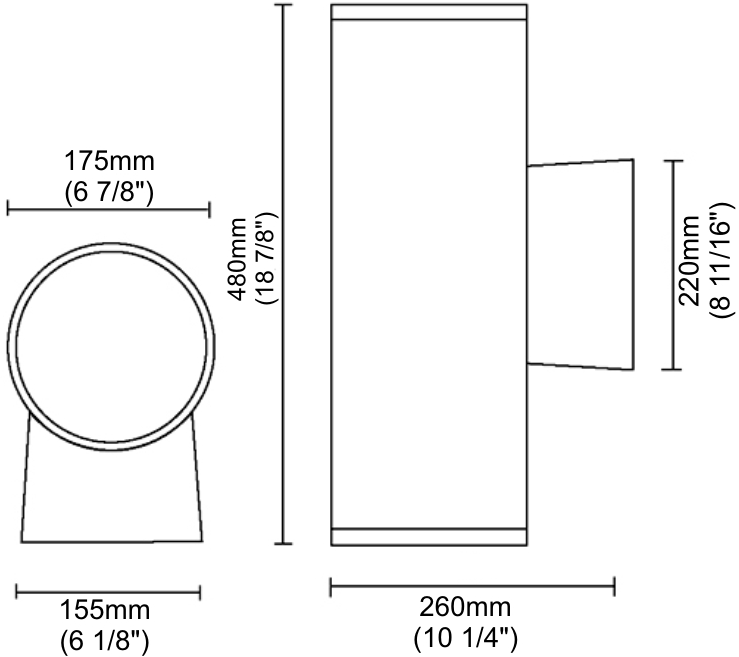CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

Reflector°: Polycarbonate metallized reflector
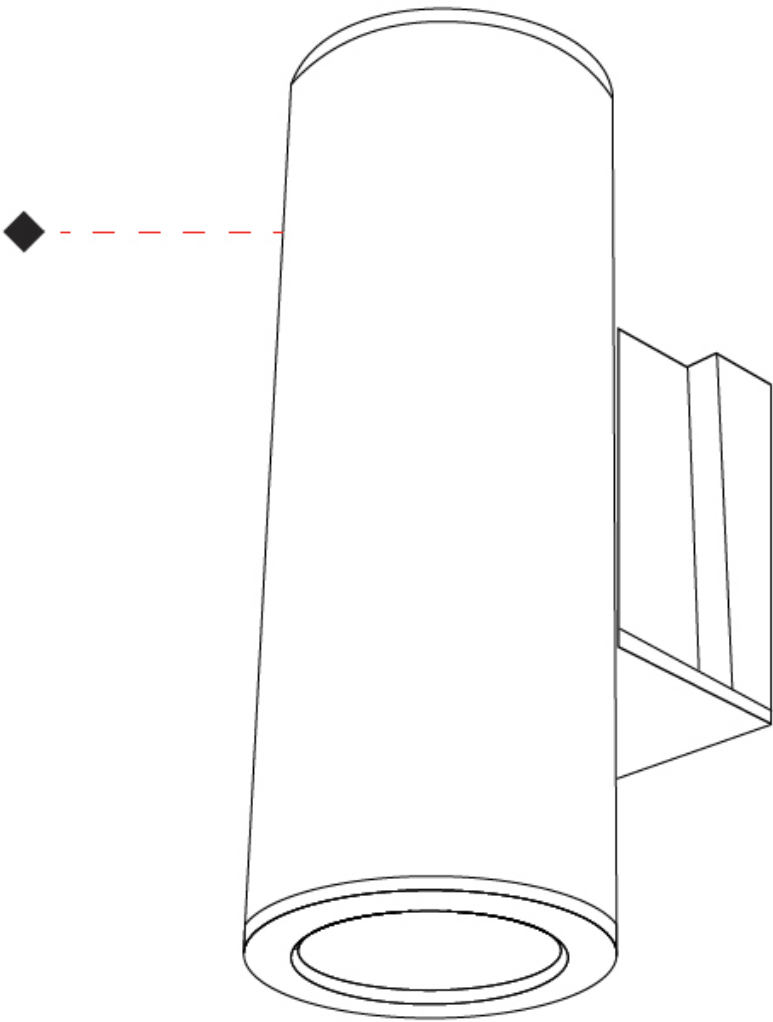Optic°: 16 / 25 / 40

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK06

175mm (6 7/8")

480mm (18 7/8")

220mm (8 11/16")

155mm (6 1/8")

260mm (10 1/4")

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EMME SURFACE

E10W0054-

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May 5, 2024, 3:15 am

ZANEEN®

EMME SURFACE

E10W0094-   -   -

base number   Color Temperature   Finish Options   Lens Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL
Series: Emme
Brand: Side
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect

PHYSICAL
Shape: Cylinder
Diameter (mm): 105
Diameter (in): 4 $\frac{1}{8}$
Height (mm): 192
Height (in): 7 $\frac{9}{16}$
Extension (mm): 156
Extension (in): 6 $\frac{1}{8}$
Light Distribution: Direct
Weight (kg): 1.3
Weight (lbs): 2.87
Diffuser: Clear tempered glass
Gasket: Silicon rubber
Fixture Finish: WHI / BLK / GRY
Fixture Material: Aluminum Die Cast

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 14.3
Total Output Wattage (W): 9.4
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

LED
Number of LEDs: 1
Color Temperature (°K): 3000 / 4000 / 5600
Max. Delivered Lumen (lm): 894 - 1273.5
Nominal Lumen (lm): 1040 - 1510
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL
Optic°: 15 / 24 / 40

RATINGS AND CERTIFICATIONS
Certified By: CSA Certified to UL and CSA Standards
IP rating: IP65
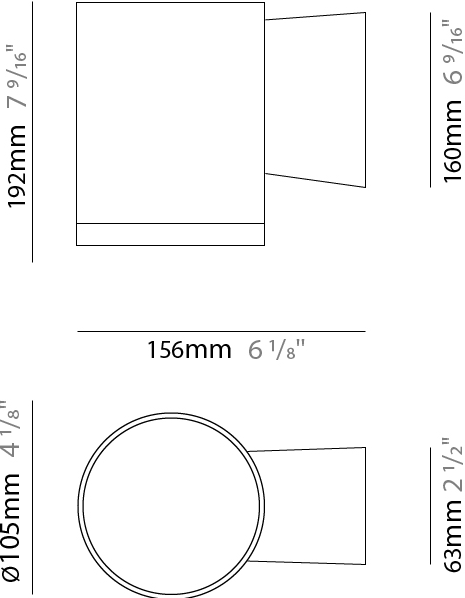IK Rating: IK06
Upon Request: Dark Sky Certification

192mm 7 $\frac{9}{16}$"

160mm 6 $\frac{9}{16}$"

156mm 6 $\frac{1}{8}$"

Ø105mm 4 $\frac{1}{8}$"

63mm 2 $\frac{1}{2}$"

E

1.3kg / 2.87 lbs

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EMME SURFACE

E10W0094-

E

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EMME
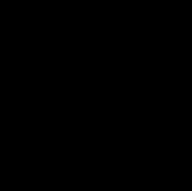COLOR FINISH CHART

Fixture Finish

White - WHI

Black - BLK

Gray - GRY

Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.
Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.

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May 5, 2024, 3:15 am

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

LEGEND

Symbol	Description	Symbol	Description	Symbol	Description
↓	floor-mounted	▽	pivotable	✳	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
↗	wall and ceiling: recessed and surface mounted	↻	rotating	☀	warm dim / natural dimming LED
↑	ceiling-mounted and wall-mounted	↫	illuminate tilted	🔋	rechargeable battery powered
→	wall-mounted	�T	color of suspension cable	⠿	fixture with natural vivid LED (upon request)
�tY	omni-directional light distribution	↧	length of suspension cable	CRI	color rendering index
▲	direct light distribution	⌂	reflector degree selection	°K	color temperature
⋈	direct/indirect light distribution	s|s	super spot	LM	lumen (luminous flux)
▼	indirect light distribution	⚚	lens	LM/W	efficacy (lumens per watt)
◸	asymmetric light distribution	◎	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
◹	aura light distribution	◡	shine ring	⚓	marine grade (AISI 316 stainless steel)
◝	round wall or ceiling cut-out	⊙	integrated shine ring with diffuser	🕴	walk on
◞	square wall or ceiling cut-out	▯	free individual colors 01-29	🖊	drive on
▨	the supplied jig specifies the cutout dimensions	▮c	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
⊶M	minimum distance (meters) lamp - object	◆	luminaire part to be colored (F1)	♿	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
⊥	recessed depth	▲	luminaire part to be colored (F2)	🏭	lamp protected against explosion
↕	ceiling thickness in mm	●	luminaire part to be colored (F3)	🧑	blown glass using traditional methods by master glass blower
⬆	ceiling thickness selection	■	luminaire part to be colored (F4)	◀))	acoustic material
⊜	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	⬟	luminaire part to be colored (F5)	⏚	protection class I, protection insulation
⊡	included or excluded LED driver/transformer/control gear	▪	color of 3-circuit adaptor	▣	protection class II, protection insulation
⚥	separately switchable	⊙	indirect diffuser	ETL	ETL Certified to UL and CSA Standards
)))	sensor	D	direct diffuser	UL	UL Certified to UL and CSA Standards
📱	remote control	⚽	ball-proof (upon request)	CSA	CSA Certified to UL and CSA Standards
☎	available upon request	📎	accessory	Z	Certified for North American Standards

IP RATING

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm / protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) / no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) / protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) / protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) / protected against water splashed from all directions
IP65	protected against ingress of dust / protected against jets of water
IP66	protected against ingress of dust / protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust / protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust / protected against immersion of water under pressure for long periods

IK RATING

IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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