



# MEROPE 100 / MEROPE 100 AD

## SPECIFICATIONS

|                       |                                                                                                                                                                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| base code             | 67032 MEROPE 100 - 67044 MEROPE 100 AD                                                                                                                                                                                                                                                              |
| typology              | MEROPE 100: Uplight with a drive over load of 3,5 tonnes / 7000 lbs<br>MEROPE 100 AD: Adjustable uplight with a drive over load of 3,5 tonnes / 7000 lbs                                                                                                                                            |
| mounting              | Using housing box to be separately ordered as accessory                                                                                                                                                                                                                                             |
| diameter              | Flush faceplate: 100 mm / 3.9". Protruding faceplate: 115 mm / 4.5"                                                                                                                                                                                                                                 |
| height                | MEROPE 100: 97 mm / 3.8" - MEROPE 100 AD: 86 mm / 3.4"                                                                                                                                                                                                                                              |
| required depth        | Depending on housing box                                                                                                                                                                                                                                                                            |
| first fit requirement | Yes, separate housing box: code 69477 or 69478 for millimetric height adjustment from 0 to 50 mm / from 0" to 2"                                                                                                                                                                                    |
| floor cut out         | Depending on housing box                                                                                                                                                                                                                                                                            |
| construction          | Fixture: turning and milling aluminum. Faceplate in stainless steel AISI 304. Stainless steel A2 screws. Protective tempered glass complete with silicone gasket. Reflector: polycarbonate. Housing box in PVC                                                                                      |
| finishes              | Fixture anodized and faceplate in brushed stainless steel AISI 304. Glass surface                                                                                                                                                                                                                   |
| ingress protection    | IP67. North America wet location. Built-in protection from water infiltration and moisture                                                                                                                                                                                                          |
| lamp type             | MEROPE 100: COB. MEROPE 100 AD: LED array on printed circuit board.<br>Remote power supply not included                                                                                                                                                                                             |
| lamp wattage          | MEROPE 100: 12W at 48V DC. North America: 12W at 350 mA<br>MEROPE 100 AD: 5W at 48V DC. North America: 12W at 24V DC                                                                                                                                                                                |
| lamp lumens           | MEROPE 100: 1320lm. MEROPE 100 AD: 540lm                                                                                                                                                                                                                                                            |
| delivered lumens      | MEROPE 100: 980lm. MEROPE 100 AD: 340lm                                                                                                                                                                                                                                                             |
| lumen maintenance     | 50.000h L90                                                                                                                                                                                                                                                                                         |
| beam                  | MEROPE 100: 26°, 37°, 51°. Honeycomb for visual comfort to be specifically ordered<br>MEROPE 100 AD: 20°, 30°. Tilt system from 0° to 20° allowing adjustment without opening the luminaire                                                                                                         |
| kelvin                | 2200K CRI80, 2700K CRI93, 3000K CRI93 and 4000K CRI93 / 3 step MacAdam ellipse                                                                                                                                                                                                                      |
| special features      | MEROPE 100:<br>48V DC: unpolarized electronic system. 24V DC: reverse polarity protection. Thermal Sensor. Safe wiring. Two wires dimming. Water stop technology<br>MEROPE 100 AD:<br>48V DC: unpolarized electronic system. 24V DC: reverse polarity protection. Thermal Sensor. Two wires dimming |
| dimming options       | Push button, potentiometer, 0-10V, DALI, DMX, KNX.<br>Dimming options depend on power supply and additional control units to be separately ordered as accessories                                                                                                                                   |
| listings              | CE, ETL listed for wet location                                                                                                                                                                                                                                                                     |

FLUSH  
FACEPLATE  
Ø 100 mm / 3.9"



PROTRUDING  
FACEPLATE  
Ø 115 mm / 4.5"



MEROPE 100



MEROPE 100 AD

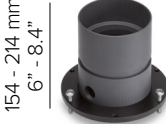


69477



Ø 100 mm / 3.9"

69478



Ø 150 mm / 5.9"

IP67

3,5 tonnes  
7000 lbs

IK08

MEROPE  
100

MEROPE  
100 AD

+/- 20°  
depending on  
housing box

0,85 kg  
1.9 lbs

CE

ETL  
Intertek



# MEROPE 100 / MEROPE 100 AD

## ORDER CODE

| BASE CODE                                                                            | A . POWER SUPPLY                                                                                                                                                  | B . KELVIN                                          | C . BEAM                                                                                                                         | D . FINISHES                                  |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>67032</b> MEROPE 100 12W                                                          | <b>8</b> 48V DC power supply NOT included                                                                                                                         | <b>4</b> 4000K CR193 <sup>1</sup>                   | <i>MEROPE 100</i><br><b>2</b> spot 26°                                                                                           | <b>A</b> stainless steel flush faceplate      |
| <b>67044</b> MEROPE 100 AD 5W                                                        | <b>R</b>  listed 24V DC power supply NOT included<br><i>MEROPE 100 AD ONLY</i> | <b>5</b> 3000K CR193                                | <b>4</b> flood 37°                                                                                                               |                                               |
|                                                                                      | <b>U</b>  listed 350 mA power supply NOT included<br><i>MEROPE 100 ONLY</i>    | <b>8</b> 2700K CR193                                | <b>5</b> wide flood 51°                                                                                                          |                                               |
|                                                                                      |                                                                                                                                                                   | <sup>1</sup> 4000K not available for MEROPE 100 AD  | <br><i>MEROPE 100 AD</i><br><b>2</b> spot 20° | <b>B</b> stainless steel protruding faceplate |
|                                                                                      |                                                                                                                                                                   | <sup>2</sup> 2200K available for MEROPE 100 AD only | <br><b>4</b> flood 30°                        |                                               |
| Example: BASE CODE <b>67032</b> A B C D E F <b>8 5 2 A A S</b> = <b>67032-852AAS</b> |                                                                                                                                                                   |                                                     |                                                                                                                                  |                                               |
| E . LENS                                                                             |                                                                                                                                                                   |                                                     |                                                                                                                                  | F . OTHER                                     |
| <b>A</b> honeycomb<br><i>MEROPE 100 ONLY</i>                                         |                                                                               | <b>B</b> clear                                      |                                              | <b>S</b> screws on faceplate                  |

### MEROPE 100

Beam angles: 26°, 37°, 51°



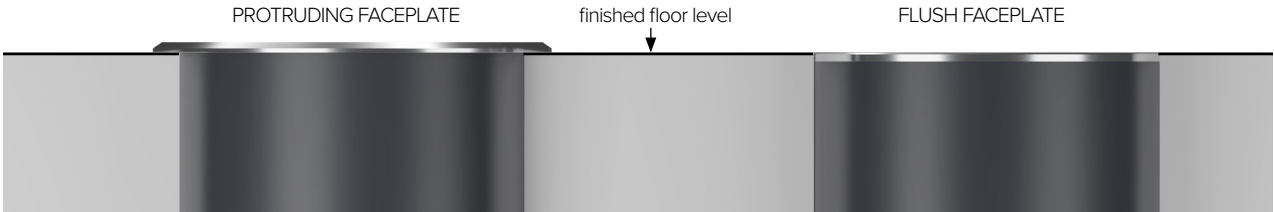
### MEROPE 100 AD

Beam angles: 20°, 30°



TILT SYSTEM ALLOWING ON SITE ADJUSTMENT FROM 0° TO 20° WITHOUT OPENING THE LUMINAIRE

## FACEPLATE OPTIONS





# MEROPE 100 / MEROPE 100 AD

## ACCESSORIES

### REQUIRED ACCESSORIES - NOT INCLUDED



Power supply  
48V DC\*, ON/OFF  
ambient temperature up to 60° C  
(1-10V<sup>(1)</sup> for MEROPE 100 AD ONLY)

Power supply  
48V DC\*, DALI<sup>(1)</sup>  
ambient temperature up to 60° C

Power supply  
48V DC, 1-10V and DALI  
(MEROPE 100 AD ONLY)

Class 2 power supply  
24V DC  
350 mA



| code  | description                                     | dimensions mm |
|-------|-------------------------------------------------|---------------|
| 69477 | housing box for concrete                        | Ø100xH149     |
| 69478 | height adjustable housing box for concrete      | Ø150xH154-214 |
| 69592 | suction cup for the extraction of the luminaire | W50xH40       |

| code  | output power | input voltage / frequency | IP   | dimensions mm |
|-------|--------------|---------------------------|------|---------------|
| 69185 | 40W          | 90-305V 47-63Hz           | IP67 | L171xW62xH37  |
| 69186 | 60W          | 90-305V 47-63Hz           | IP67 | L171xW62xH37  |
| 69187 | 100W         | 90-305V 47-63Hz           | IP67 | L220xW68xH39  |

|       |      |          |         |      |              |
|-------|------|----------|---------|------|--------------|
| 69195 | 75W  | 100-305V | 47-63Hz | IP67 | L180xW63xH36 |
| 69196 | 100W | 100-305V | 47-63Hz | IP67 | L199xW63xH36 |

<sup>1</sup>for a perfect dimming, it is necessary that the power supply is saturated to 100%

|       |     |         |         |      |              |
|-------|-----|---------|---------|------|--------------|
| 69096 | 55W | 99-264V | 50-60Hz | IP20 | L129xW76xH30 |
|-------|-----|---------|---------|------|--------------|

Consult **B LIGHT North America**  
Lighting Group Network  
T: 212.775.6363  
E: info@lightinggroupnetwork.com

| code  | description                                   | dimensions mm |
|-------|-----------------------------------------------|---------------|
| 69842 | IP68 connector, 1 IN - 1 OUT                  | W37xD22xH37   |
| 69847 | IP68 connector, 1 IN - 2 OUT, parallel wiring | W45xD30xH17   |