

MEROPE 100 WW



SPECIFICATIONS

base code	67054
typology	Wallwasher 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	93 mm / 3.7"
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	LED array on printed circuit board. Remote power supply not included
lamp wattage	8W at 48V DC. North America: 8W at 24V DC
lamp lumens	720lm
delivered lumens	430lm
lumen maintenance	50.000h L90
beam	Wallwasher: 5° - 75° towards the wall
kelvin	2200K CRI80, 2200K CRI90, 2700K CRI93, 3000K CRI93 and 4000K CRI93 / 3 step MacAdam ellipse
special features	48V DC: unpolarized electronic system. 24V DC: reverse polarity protection. Thermal Sensor. Safe wiring. Two wires dimming. Water stop technology. Thanks to the design of the reflector, the luminaire offers longitudinal cut-off and delivers homogeneous light from the upper edge of the wall to the floor with no visible dark zones. Because light is precisely focused towards the wall, the luminaire is compliant with the rules against light pollution
dimming options	Push button, potentiometer, 0-10V, DALI, DMX, KNX. 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"



93 mm / 3.7"



69477



Ø 100 mm / 3.9"

69478



Ø 150 mm / 5.9"

EXCELLENT VERTICAL UNIFORMITY:
LIGHT IS CONVEYED PRECISELY TOWARDS THE WALL
FROM THE LOWER EDGE TO THE UPPER EDGE



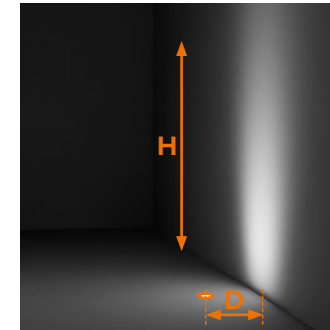
MEROPE 100 WW

INSTALLATION GUIDE

FOR A GOOD UNIFORMITY OF LIGHT ON THE WALL, FOLLOW THESE RULES:

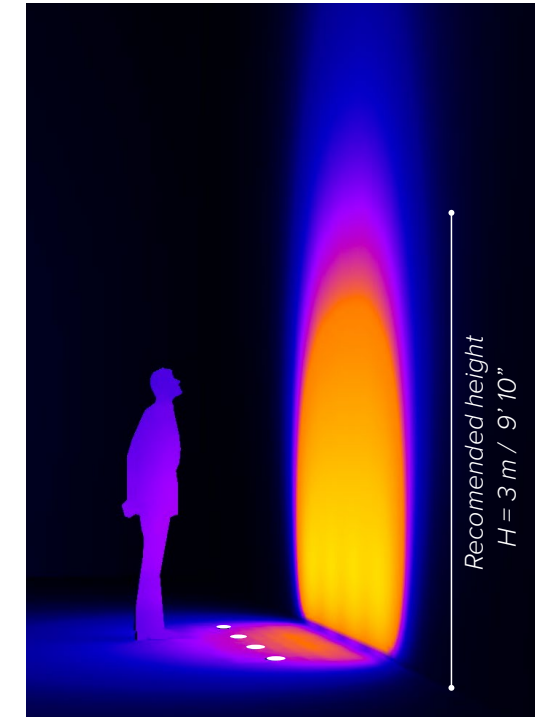
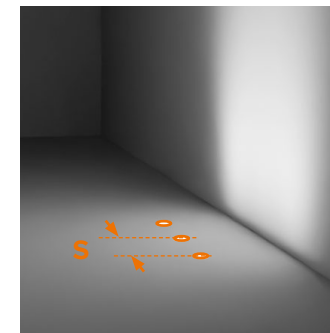
1

The **distance from the wall D** shall be $H / 5$



2

The **spacing between luminaires S** shall be $D \times 0,8$



20lx 50lx 100lx 200lx

Example

H	3 m / 9' 10"	D	$H / 5 = 0,6 \text{ m} / 24"$
S		S	$D \times 0,8 = 0,5 \text{ m} / 20"$

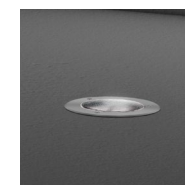
WALLWASHER OPTIONS

FOR DIFFERENT CEILING HEIGHTS



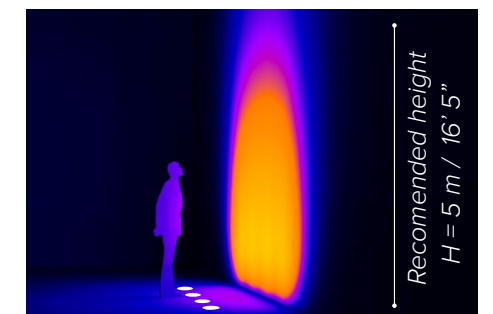
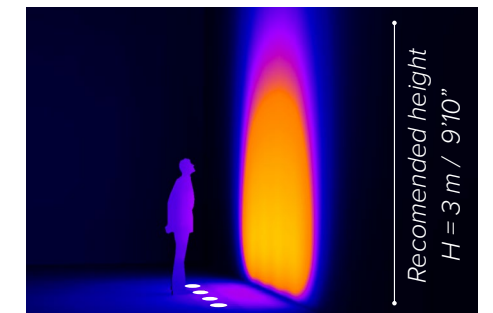
ATRIA IN
3W, 140lm delivered

SEE PAGE 45



MEROPE 140 WW
16W, 570lm delivered

SEE PAGE 67



NO VISIBLE DARK ZONES
AND
LONGITUDINAL GLARE CONTROL

Since every project is different, use this installation guide as a starting point for your lighting design.
To further test the desired effect on your project, use the **photometric files** available on B LIGHT's website.

MEROPE 100 WW

ORDER CODE

BASE CODE

67054

A . POWER SUPPLY

- 8 48V DC power supply NOT included
- R  listed 24V DC power supply NOT included

B . KELVIN

- 4 4000K CRI93
- 5 3000K CRI93
- 8 2700K CRI93
- D 2200K CRI90 NORTH AMERICA ONLY
- I 2200K CRI80

C . BEAM

- W Wallwasher 

D . FINISHES

- A stainless steel flush faceplate 
- B stainless steel protruding faceplate 
- S screws on faceplate 

Example: BASE CODE 67054 A B C D E 8 8 W B S = 67054-88WBS

E . OTHER

FACEPLATE OPTIONS



MEROPE 100 WW

ACCESSORIES

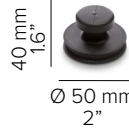
REQUIRED ACCESSORIES - NOT INCLUDED



69477
149 mm / 5.9"
Ø 100 mm / 3.9"



69478
154 - 214 mm / 6" - 8.4"
Ø 150 mm / 5.9"



69592
40 mm / 1.6"
Ø 50 mm / 2"



69842
37 mm / 1.5"
37 mm / 1.5" 22 mm / 0.9"



69847
17 mm / 0.7" 30 mm / 1.2" 45 mm / 1.8"

Power supply 48V DC, 1-10V[®] or ON/OFF[®] ambient temperature up to 60° C

Power supply 48V DC, DALI[®] ambient temperature up to 60° C

Class 2 power supply 24V DC  listed

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	L220xW68xH37
69195	75W	100-305V	47-63Hz	IP67	L180xW63xH36
69196	100W	100-305V	47-63Hz	IP67	L199xW63xH36

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

69096	55W	99-264V	50-60Hz	IP20	L129xW76xH30
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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, 2 wires	W37xD22xH37
69847	IP68 connector, 1 IN - 2 OUT, parallel wiring, 2 wires	W45xD30xH17

*To choose the power supply, always add a spare 20% as safety margin.
See pag 509 for cable size and max wiring distance from power supply to last connected luminaire