Fern Howard
a MATRIX Company

Product Training 2023 January

Bulkheads

01

ICEBREAKER LED BULKHEAD

Mini-10W
(FHBL20-075-C/W-OP)
Standard-13W
(FHBL20-095-C/W-OP)
High output-19W)
(FHBL20-190-C/W-OP)

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Basic Ø300 x 70mm
with Trim Ø325 x 70mm

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Basic Ø217 x 65mm
with Trim Ø245 x 65mm

IP44 | IK10 | LED | Lighting CONTROL Options

EM | MS | CF | PH | AT | DIM | CCT

up to 100 lm/w | 50,000 Hours L70 | >80 CRI (Ra) | 4000K Colour Temperature

Key features	Benefits
● Slim & Simple design	Blends well with all interiors
● Available in two sizes, two trim colours(White or Chrome)	Flexible and adaptable
● Available with all standard lighting control options	
● Clip-in diffuser	Easy to install
● BESA box fixing points	

02

DRAKE
LED BULKHEAD

Mini-10W
(FHBL165-090-W-OP)
Standard-13W
(FHBL165-125-B/W-OP/CL)
High output-19W
(FHBL165-190-B/W-OP/CL)

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Basic Ø300 x 88mm
Smart Trim Ø308 x 88mm
Eyelid Trim Ø308 x 88mm

Basic Ø218 x 95mm

IP65 | IK10 | LED | Lighting CONTROL Options

EM | MS | CF | PH | AT | DIM | CCT

up to 139 lm/w | 50,000 Hours L70 | >80 CRI (Ra) | 4000K Colour Temperature

Key features	Benefits
● Robust Polycarbonate body	Robust and vandal proof
● Rubber gasket protects against dust and water	
●Two styles of trim available for the large Drake - decorative trim for smarter look - eyelid trim to avoid light pollution	Flexible and adaptable
● Available with all standard lighting control options	
● Hinged LED gear tray* **(only apply on large DRAKE)**	Easy to install
● BESA box fixing points	

03

MINI-MAX LED BULKHEAD

Standard-13W
(FHBL565-160-B/W-OP/CL)
High output-19W
(FHBL565-210-B/W-OP/CL)

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246 x 246 x 89mm
Base: White/ Black
Diffuser: Clear/ Opal

IP65 | IK10 | LED | Lighting CONTROL Options

EM | MS | CF | AT | DIM | PH

up to 139 lm/w	50,000 Hours L70	>80 CRI (Ra)	4000K Colour Temperature

Key features	Benefits
● Robust Polycarbonate body	Robust and vandal proof
● Rubber gasket protects against dust and water	
● Available in two base colours and two types of diffuser	Flexible and adaptable
● Available with all standard lighting control options	
● Hinged LED gear tray	Easy to install
● BESA box fixing points	

04

ALLEYCAT LED BULKHEAD

SQ Standard-13W
(FHBL9065-160-B/W-OP/CL)
SQ High output-19W
(FHBL9065-210-B/W-OP/CL)
RND Standard-13W
(FHBL9965-160-B/W-OP/CL)
RND High output-19W
(FHBL9965-210-B/W-OP/CL)

246 x 246 x 103mm
Base: White/ Black
Diffuser: Clear/ Opal

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A ↑ G C

Ø 300 x 118mm
Base: White/ Black
Diffuser: Clear/ Opal

IP65 | IK10 | LED | Lighting CONTROL Options

up to 139 lm/w | 50,000 Hours L70 | >80 CRI (Ra) | 4000K Colour Temperature

EM MS CF PH AT DIM CCT *

***Only Alleycat Round available with CCT**

Key features	Benefits
● Aluminium Base	Robust and vandal proof
● Rubber gasket protects against dust and water	
● Available in two base colours and two types of diffuser	Flexible and adaptable
● Available with all standard lighting control options	
● Hinged LED gear tray	Easy to install
● BESA box fixing points	

Gear Tray

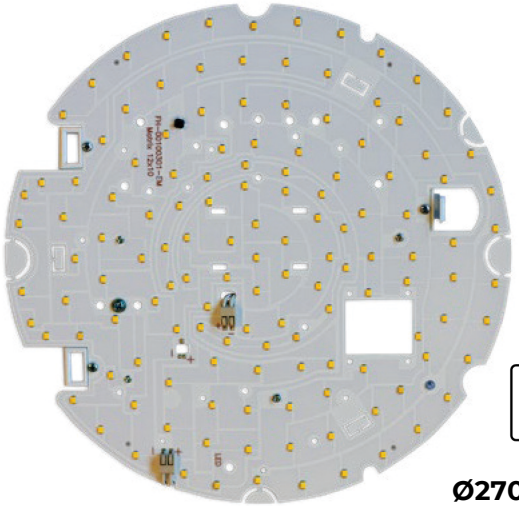
01

RETROFIT GEAR TRAY

(Standard-13W/
FHBL-180-GT-RND/SQ
High output-19W)

FHBL-250-GT-RND/SQ

230 x 230 x 50mm



Ø270 x 50mm

Lighting control options: EM MS CF AT DIM PH CCT

Key features	Benefits
● High quality LED chips and driver	Long life and high energy efficiency
● Super easy for upgrading 2D bulkheads to LED	
● Can be adapted to most FH bulkheads	Flexible and adaptable
● Available with all standard lighting control options	
● Hinged design	Easy to install

Emergency Lighting

01

EXODUS LED EMERGENCY BULKHEAD

FHBL559-W-CL-EM

IP65 | IK10 | LED | 3hr EM

50,000 Hours L70

EM Output 100 Lumens

EM

355 x 82 x 124mm

Key features	Benefits
• Rubber gasket protects against dust and water	Robust and vandal proof
• Polycarbonate body	
• Zero maintenance with LED lifespan of 50,000	Long life & hassle free
• 3 hour maintained or non-maintained	
• Emergency exit legends available	Flexible and adaptable
• Visible from 25m	
• Hinged LED gear tray	Easy to install
• Conduit entry points on both ends	

Home lighting

01

Dimmable Desk Lamp 12W

FHDL1

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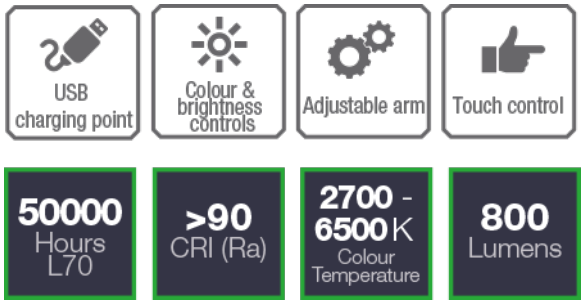

33cm(W) x 40cm(H)
Base: Ø 18 cm

Key features	Benefits
● Contemporary simple style	Blends well with all interiors
● 10 levels of brightness / 5 Colour temperatures	Flexible and adaptable
● Adjustable arm	
● With touch sensor	Easy to use
● Embedded USB charging port	Versatile
● Free pen holder and paper clip	

02

Dimmable Floor Lamp 12W

FHFL1

70.4 cm(W) x 128.9 cm(H)
Base: 20.7 cm x 20.7 cm

Key features	Benefits
● Contemporary simple style	Blends well with all interiors
● 6 levels of brightness / 5 Colour temperatures	Flexible and adaptable
● Adjustable neck	
● With touch sensor & Remote control(2nd Version)	Easy to use
● Embedded USB charging port	Versatile

If you require further information, please contact us.

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