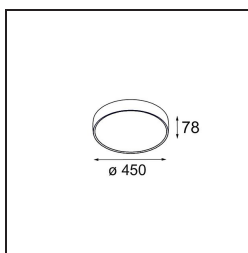| Date | |
|---|---|
| Customer | |
| Project | |
| Type | |

## *Flat Moon Suspended 450 1x LED 3000K 1-10V/Push-Dim DI Black Structure*
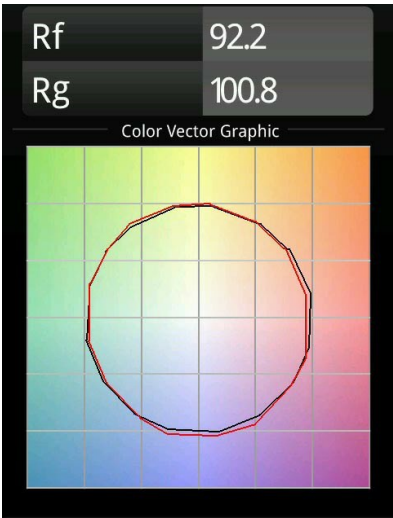


ø 450 · 78

When minimalist, general lighting design meets the celestial. Our slim and round Flat Moon family offers a LED PCB solution that produces a homogeneous light surface we can't stop looking at. Either full or eclipsed, Flat Moon lights your space with the calm and beauty you expect.
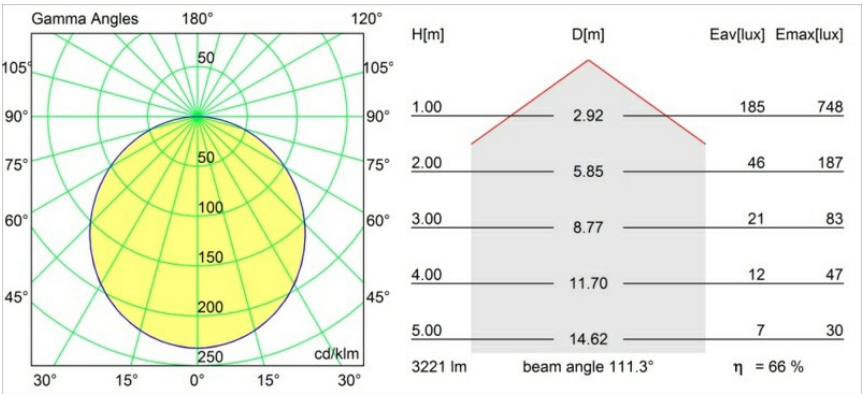
Friends of hue

## *Specifications*

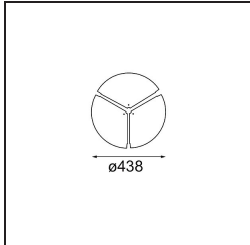| | |
|---|---|
| Material | 13300132 |
| Light Source Type | LED |
| LED Type | FLAT MOON LED |
| LED technology | LED PCB |
| CRI | Min. 90 |
| Colour Temperature | 3000K |
| Lifetime | L80B20 @50,000 Hours |
| Lamp Included | Yes |
| Number of Light Sources | 1 |
| CIE flux code | 47 78 95 100 66 |
| Binning (SDCM) | 3 |
| Light Direction | Down |
| Input Voltage | 230V |
| Luminaire power (W) | 29.4 |
| Electrical Class | I |
| IP Rating | 20 |
| Glow wire rating (°C) | 650 |
| Dimming Protocol | 1-10V, Push-Dim |
| Indoor/Outdoor | Indoor |
| Application | Ceiling |
| Mounting | Suspended |
| Adjustability | Not Applicable |
| Distance to Lighted Object (m) | 0,1 |
| Primary Colour & Primary Finish | Black, Structure |
| Gross weight (g) | 5330.0 |
| Luminous flux per lamp (lm) | 2137 |
| Efficacy (lm/W) | 73 |
| Glare rating | 22 |
| Remark | • Suspension kit not included |
| | • Suspension kit not included |
| | • This is not a complete product. Suspension kit required. |

*Diagrams*

## TM30 & CRI diagram

| Rf | 92.2 |
|----|------|
| Rg | 100.8 |

Color Vector Graphic

| CRI | 94.1 |
|-----|------|
| R9 | 77.7 |

| | | 0 10 20 30 40 50 60 70 80 90 100 |
|-----|-----|------|
| R1 | 95 | |
| R2 | 95 | |
| R3 | 92 | |
| R4 | 95 | |
| R5 | 94 | |
| R6 | 93 | |
| R7 | 95 | |
| R8 | 91 | |
| R9 | 77 | |
| R10 | 86 | |
| R11 | 95 | |
| R12 | 82 | |
| R13 | 95 | |
| R14 | 94 | |
| R15 | 93 | |

## Light distribution & beam diagram

| Gamma Angles | 180° | 120° | | | |
|---|---|---|---|---|---|
| | | | H[m] | D[m] | Eav[lux] Emax[lux] |
| | | | 1.00 | 2.92 | 185  748 |
| | | | 2.00 | 5.85 | 46  187 |
| | | | 3.00 | 8.77 | 21  83 |
| | | | 4.00 | 11.70 | 12  47 |
| | | | 5.00 | 14.62 | 7  30 |

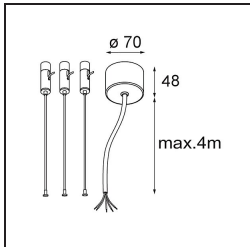cd/klm

3221 lm     beam angle 111.3°     η = 66 %

## *Optical Accessories*

**13289000**    Diffuser Flat Moon 450 Prismatic

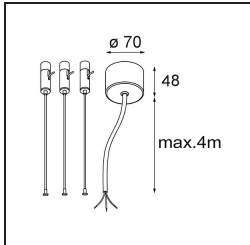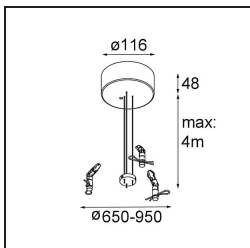**13289100**    Diffuser Flat Moon 450 Ice Prismatic

## *Installation Accessories*

ø438

**13309032**    Cover Plate Flat Moon 450 Black Structure
**13309009**    Cover Plate Flat Moon 450 White Structure

ø 70
48
max.4m

**11061932**    Power Feed and Suspension Kit 4000 Round 5P Flat Moon (3) Straight Black Structure
**11061909**    Power Feed and Suspension Kit 4000 Round 5P Flat Moon (3) Straight White Structure

ø 70
48
max.4m

**11061809**    Power Feed and Suspension Kit 4000 Round 3P Flat Moon (3) Straight White Structure
**11061832**    Power Feed and Suspension Kit 4000 Round 3P Flat Moon (3) Straight Black Structure

ø116
48
max: 4m
Ø650-950

**11066109**    Power Feed and Suspension Kit Round 5P Flat Moon (3) Triangle (Incl. Power Feed Cable & Suspension Cable 4000) White Structure
**11066132**    Power Feed and Suspension Kit Round 5P Flat Moon (3) Triangle (Incl. Power Feed Cable & Suspension Cable 4000) Black Structure

Choose a required accessory