

ARCHITECTURAL FX

Technicians of Light

LTwo® Magnet

48v Constant Voltage



LTwo® MAG is a high-performance, miniaturized LED system that empowers specifiers and users with total creative freedom.

Inspired by the slim T5 tube (16.4 mm diameter) but packed with modern optical and modular innovations, LTwo® Magnet is

your plug-and-play solution for seamlessly integrating light into architecture and materials. Using a magnet, it can be simply

clicked into the mounting bracket for power and mounting. Environmentally friendly due to minimal use of material (181 g/m), interchangeability, recyclability and high efficiency (up to 193

lm/W). Ideally suited for building and material integration as well as the construction of luminaires or use with a wide range of

accessories. Environmentally friendly due to minimal use of material (181 g/m), interchangeability, recyclability and high efficiency (up to 193 lm/W). Ideally suited for building and material integration as well as the construction of luminaires or use with a wide range of accessories.

LTwo Battery Dimensions **Ø 16.4 mm**

Fixture Length **299mm, 579mm, 859mm, 1139mm, 1419mm**

Battery Length **285 mm, 565 mm, 845 mm, 1125 mm, 1405 mm**

Output **12w and 20w 48v DC versions**

Binning **3 SDCM**

Lifetime **L80 B10 60,000 hours**

Battery Housing Colour **White/White, White/Black, Black/Black**

Luminaire Housing colour **White, Black, Silver, RAL Colour** (As specified)

Efficiency **Up to 140.9 lm/W (WW) and 132.9 lm/W (BB)** subject to beam angle and CCT. Refer to data.

Light distribution **10°, 13°, 25°, 40°, 60°, Batwing Narrow, Batwing Wide, Opal, Diffuse, Clear, 25° x 40° Asymmetrical**

UGR Subject to beam angle. **As low as (<13) WW: 8,2 / 8,7 and BB: -5,3 / -8,6 (4H|8H / 70|50|20 / @1.000 lm)**

Protection **IP40** (Indoor use only)

Risk group (IEC 62471:2006) **RG 0 (2.700 K - 4.000 K) | RG 1 (5.000 K)**

Dimmable – **DALI, DMX, Casambi**

Housing temperature (Tc) **min. -20°C / max. +80°C**

Ambient temperature (Ta) **min. -20°C / max. +45°C**

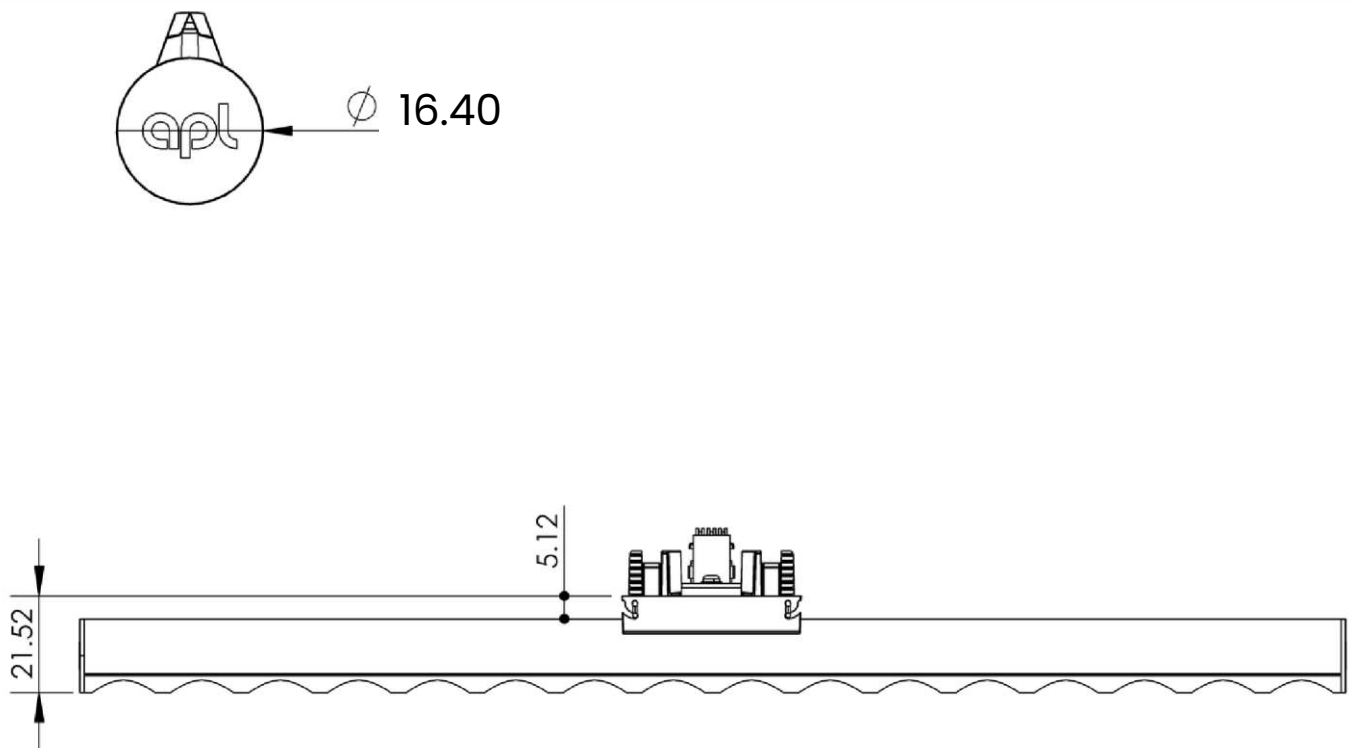
Technical Data	
Fixture Length, Lumen output @ 12w/m @ 13° Narrow Beam	
1000mm	1200lm
2000mm	2400lm
3000mm	3600lm
4000mm	4800lm
5000mm	6000lm
6000mm	7200lm
7000mm	8400lm
8000mm	9600lm
9000mm	10800lm
10000mm	12000lm

[illegible]

Technical Data	
Fixture Length, Lumen output @ 20w/m @ 13° Narrow Beam	

[illegible]

Product Dimensions



Custom mounting brackets available - Contact the sales team for more information

Accessories

JST
CV



MS5 - Magnetic socket for 48V constant voltage with JST plug

Art. No.
White: 10451
Black: 10452

PIT
CV



MS5 - Magnetic socket for 48V constant voltage with PIT block

Art. No.
White: 10449
Black: 10450

JST
CC



MS5 - Magnetic socket for constant current with JST plug

Art. No.
White: 10455
Black: 10456

PIT
CC



MS5 - Magnetic socket for constant current with PIT block

Art. No.
White: 10453
Black: 10454



Rear mounting bracket for screwing

Art. No.: 10463



Rear mounting bracket for snap-on

Art. No.: 10493



Rectangular mounting bracket

Art. No.
White: 10460
Black: 10459



Round mounting bracket

Art. No.
White: 10462
Black: 10461



Flush-box mounting bracket

Art. No.
White: 10466
Black: 10465



Housing with internal thread

Art. No.
White: 10468
Black: 10467



30° angle adapter

Art. No.
White: 10472
Black: 10470

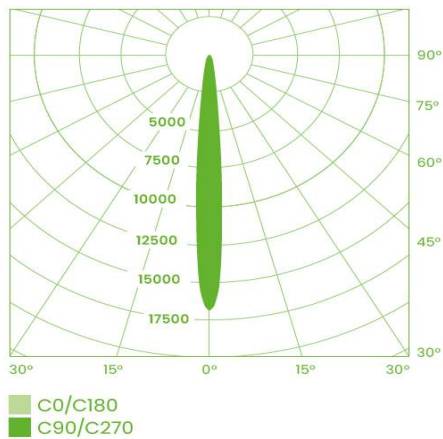


90° angle adapter

Art. No.
White: 10471
Black: 10469

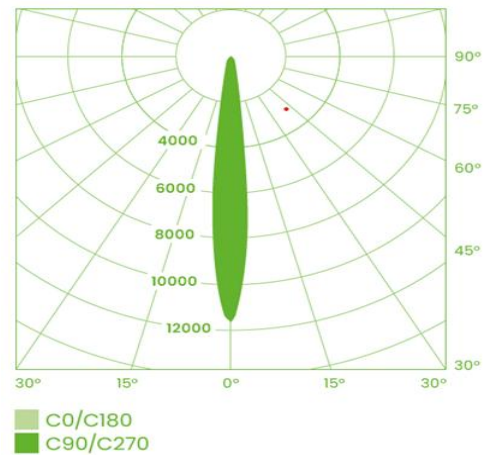
10° High Bay

UGR <13 WW: 9,8 / 10,3 & BB: -3,7 / -7,0
(4H|8H / 70|50|20 / @1.000 lm)



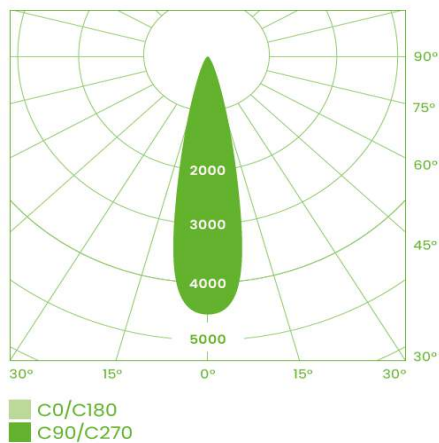
13°

UGR <13 WW: 10,9 / 11,2 & BB: 2,2 / -0,7
(4H|8H / 70|50|20 / @1.000 lm)



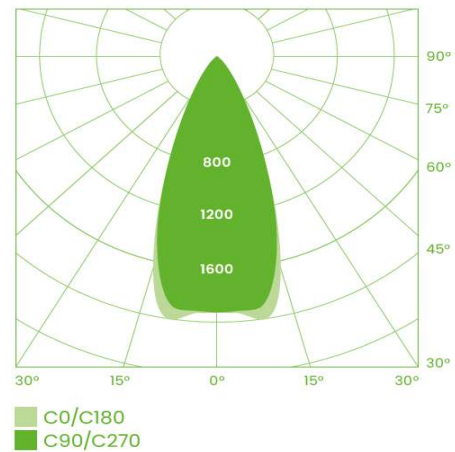
25°

UGR <13 WW: 12,2 / 12,3 & BB: 6,1 / 4,0
(4H|8H / 70|50|20 / @1.000 lm)



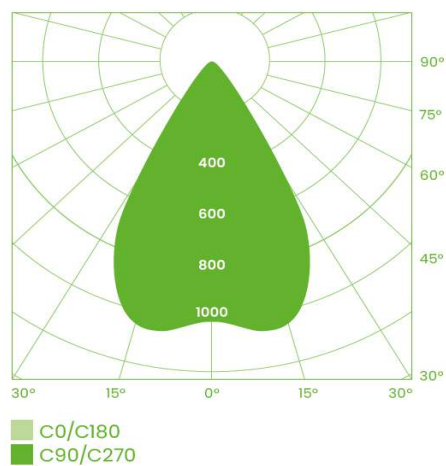
40°

UGR <16 WW: 14,5 / 14,8 & BB: 9,9 / 9,6
(4H|8H / 70|50|20 / @1.000 lm)



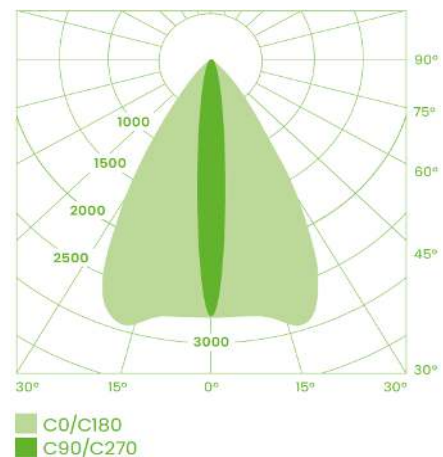
60°

UGR <19 WW: 15,5 / 16,3 & BB: 14,1 / 15,4
(4H|8H / 70|50|20 / @1.000 lm)



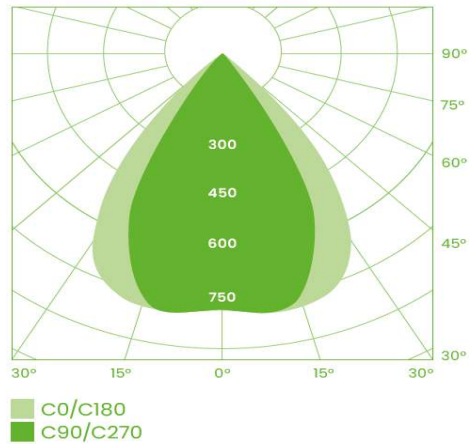
Batwing Narrow (BWN)

UGR <20 WW: 19,5 / 14,9 & BB: 18,2 / 4,9
(4H|8H / 70|50|20 / @1.000 lm)



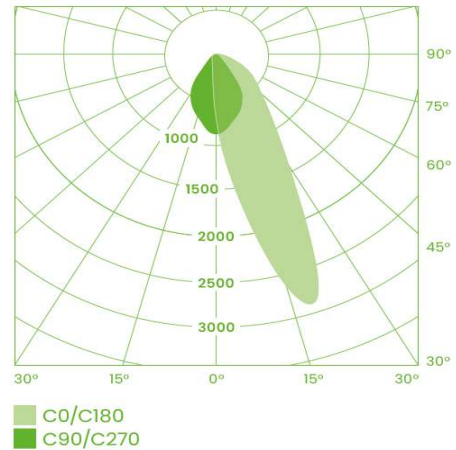
Batwing Wide (BWW)

UGR <22 WW: 21,2 / 17,3 & BB: 19,4 / 14,0
(4H|8H / 70|50|20 / @1.000 lm)



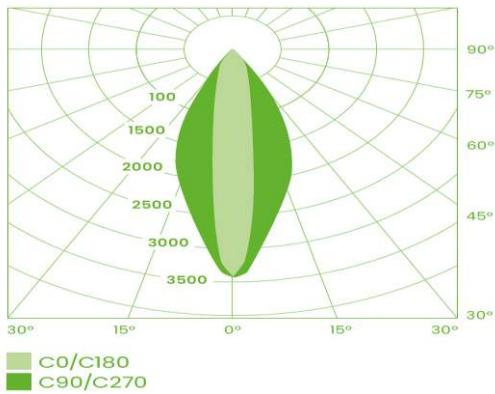
Wallwash

Asymmetrical



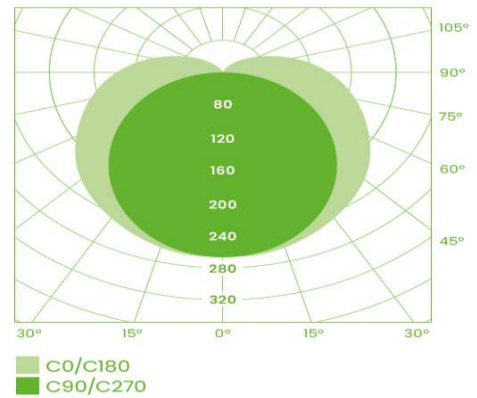
13° x 40° (Oval)

UGR <19 WW: 14,7 / 17,3 & BB: 7,9 / 14,3
(4H|8H / 70|50|20 / @1.000 lm)



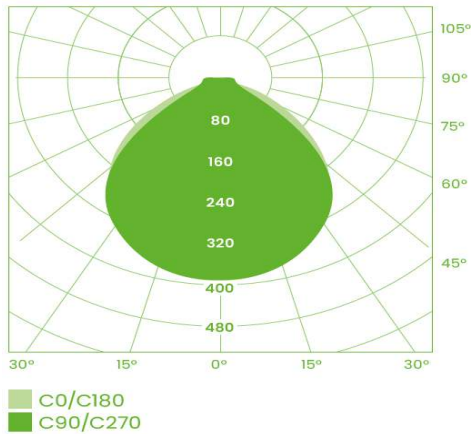
Opal (OP)

UGR * WW: 30,3 / 27,0 & BB: 29,4 / 26,2
(4H|8H / 70|50|20 / @1.000 lm)



Diffuse (DF)

UGR * WW: 25,6 / 27,9 & BB: 24,4 / 27,6
(4H|8H / 70|50|20 / @1.000 lm)



Clear (CL)

UGR * WW: 25,0 / 28,7 & BB: 24,0 / 28,4
(4H|8H / 70|50|20 / @1.000 lm)

