

# TYK+

## Shape the nocturnal soul of architecture

TYK+ is the winner of the prestigious Red Dot Design Award.

TYK+ is the quintessence of the structural development in the outdoor architectural field of PERFORMANCE IN LIGHTING. Beauty and essential design, where the proportions remain consistent in the series' different sizes, enrich the luminaire's technical soul. The soul of TYK+ is an elegant blend of the latest technology available in the architectural lighting world. Custom designed optics individually ensure consistent, impeccably precise, yet comfortable light beams.

This product family is a "universal" architectural lighting tool allowing the designer to illuminate horizontal and vertical planes with absolute precision, applying light and shadow strategically to alternate light and dark areas creating a superb project.

Colour change options in RGBW and DALI DT8 tunable white (TW) complete the offer.





# TYK+

Long-lasting energy-efficient architectural, landscape and professional flood light series. Fixtures consist of:

## **Construction**

- Die-cast aluminium housing, powder-polyester coated ISO 9227
- High-transparency polycarbonate lenses grant an optimized light transmission
- High resiliency anti-ageing silicone gasket with high elastic return capacity
- Extra-clear, tempered, flat glass diffuser, screen-printed inside
- Diffuser permanently sealed to the housing through a high-temperature resistant silicone
- Stainless steel external screws
- Stainless steel wall-mounting bracket

## **Electrical**

- Built-in driver
- Available with ON-OFF driver and dimmable DALI

## **Installation**

- Graduated goniometer for aiming purposes made in stainless steel
- The snoot accessory is compatible with versions that have C/I narrow-beam lenses

## **Variants**

- For RGBW and white dynamic (TW) versions consult factory

## **Listings**

- CE
- EAC pending
- RCM
- ENEC pending
- Made in Italy

## **Warranty**

- 5-year limited warranty. Complete warranty terms located at [www.performanceinlighting.com](http://www.performanceinlighting.com)
- Registered design ®



reddot winner 2021



		TYK+ 10	TYK+ 20	TYK+ 30
<b>CONSTRUCTION</b>				
IP		IP66	IP66	IP66
IK		IK06 1.2J xx3	IK07 4J xx5	IK09 10J xx7
Dimensions (mm)		L 105 x H 131 x D 65	L 203,4 x H 274,5 x D 114	L 275 x H 315,5 x D 114
Weight		Max 1,02 kg	Max 4,42 kg	Max 6,09 kg
Colour		●	●	●
<b>INSTALLATION</b>				
Pre-wired		✓	-	-
Quick		-	-	-
Continuous mounted luminaire		-	-	✓
<b>LED</b>				
Lightsource lumen output	3000 K	650 lm ÷ 1180 lm	3858 lm ÷ 5440 lm	9980 lm
	4000 K	700 lm ÷ 1240 lm	4165 lm ÷ 5880 lm	10650 lm
	rgbw 4000 K	-	1832 lm	-
Luminaire lumen output	3000 K	439 lm ÷ 827 lm	2080 lm ÷ 4660 lm	5149 lm ÷ 8140 lm
	4000 K	473 lm ÷ 893 lm	2245 lm ÷ 5030 lm	5558 lm ÷ 8788 lm
	rgbw 4000 K	-	1485 lm	-
CCT - Correlated Color Temperature		3000 K - 4000 K	rgbw 4000 K - 3000 K - 4000 K	3000 K - 4000 K
CRI / SDCM (macadam step)		80/3	80/3	80/3
Lifetime		L90B10@50000h L90B10@75000h	L90B10@75000h L90B10@94000h	L90B10@50000h
<b>OPTIC</b>				
C/I intensive circle reflector		C/I 10°	C/I 10°	C/I 10°
C/M medium circle reflector		C/M 34°	C/M 34°	C/M 34°
C/IW wide circle intensive reflector		C/IW 65°	C/IW 65°	C/IW 65°
ELL elliptical reflector		ELL 70°x9° ÷ 9°x70°	ELL 35°x65° ÷ 65°x35°	ELL 35°x65° ÷ 65°x35°
<b>ELECTRICAL</b>				
Wattage		7 W - 15 W	35 W - 42 W - 50 W	85 W
Class		I - III	II	II
EEL		-	-	-
Ta MAX° luminarie		40°	35° ÷ 50°	40°
Ta MIN° luminarie		-20°	-40° ÷ -20°	-40°
Dimmable 1-10V		-	-	-
Dimmable DALI		-	✓	✓
Emergency		-	-	-
COSφ ≥ 0,9		-	✓	✓





○ LDC versions (consult factory)

## TYK+ 10



Die-cast aluminium housing, powder-polyester coated ISO 9227



High-transparency polycarbonate lenses grant an optimized light transmission



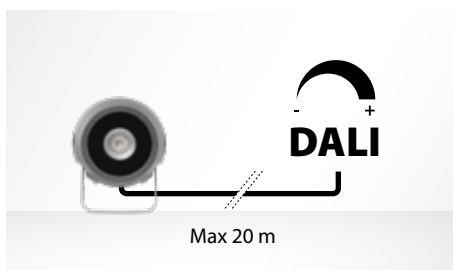
Graduated goniometer for aiming purposes made in stainless steel



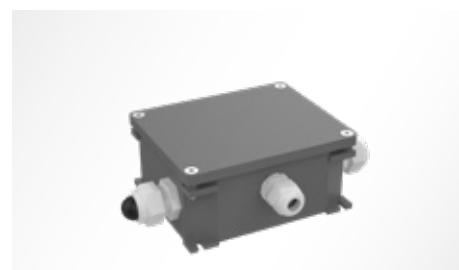
Complete with 1 metre of cable H05RN-F 3G1 mm²



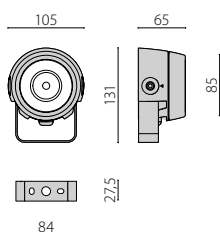
Tear-proof nickelled brass cable gland M16x1.5 for cables Ø 5 mm- Ø 10 mm

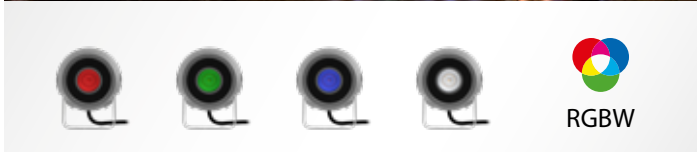


The TYK+ 10 RM versions are in class III, with no output cable and must be powered solely with the power supply units available as accessories.

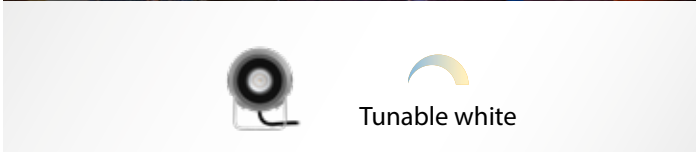


Dimmable DALI2 power supply units are available, IP66 waterproof in painted die-cast aluminium box or on IP20 plate to be incorporated in waterproof electrical cabinets



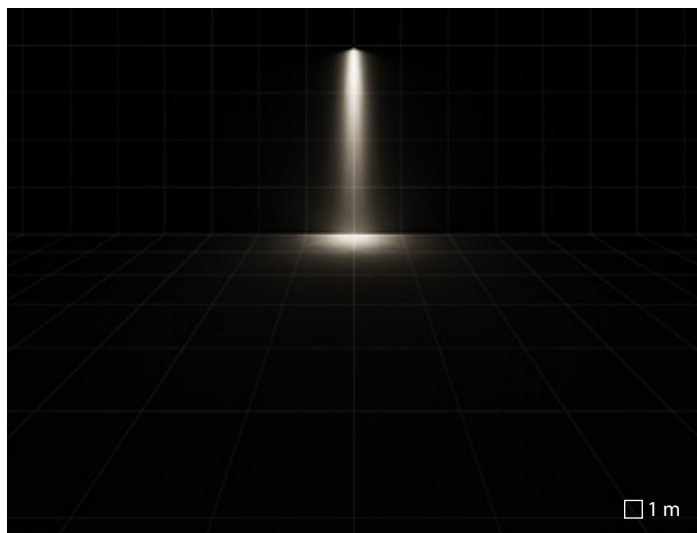


RGBW (consult factory)

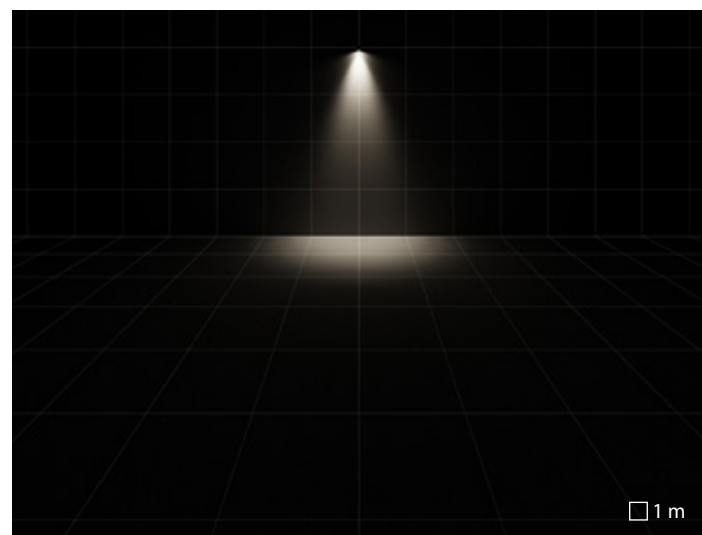
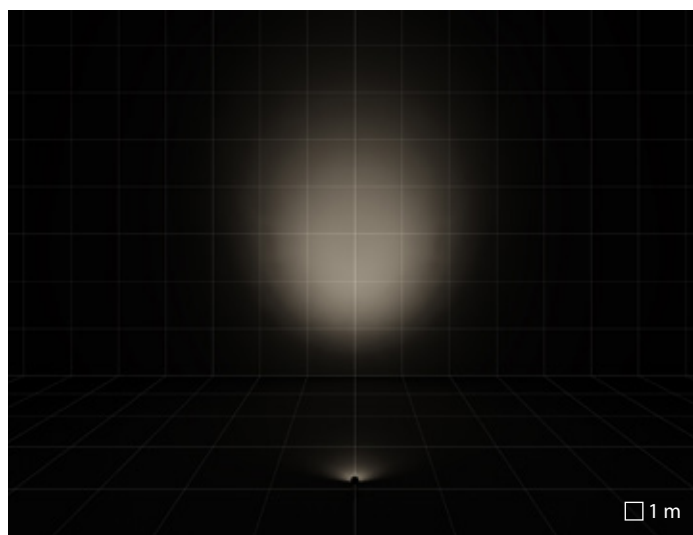
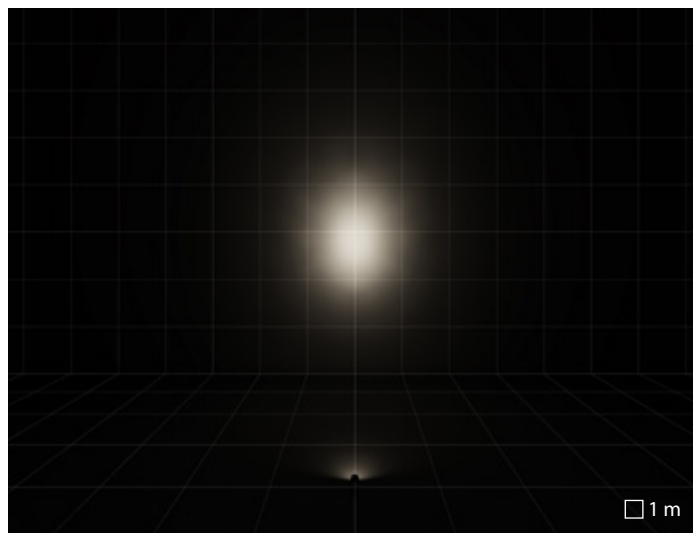


Tunable white (consult factory)

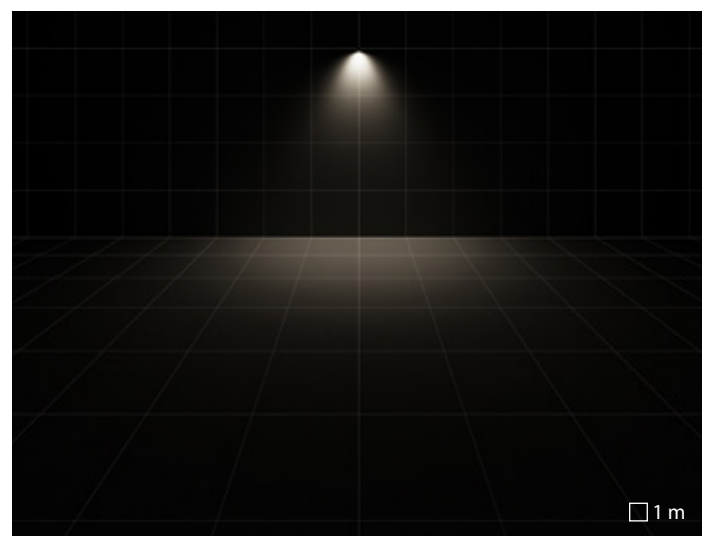
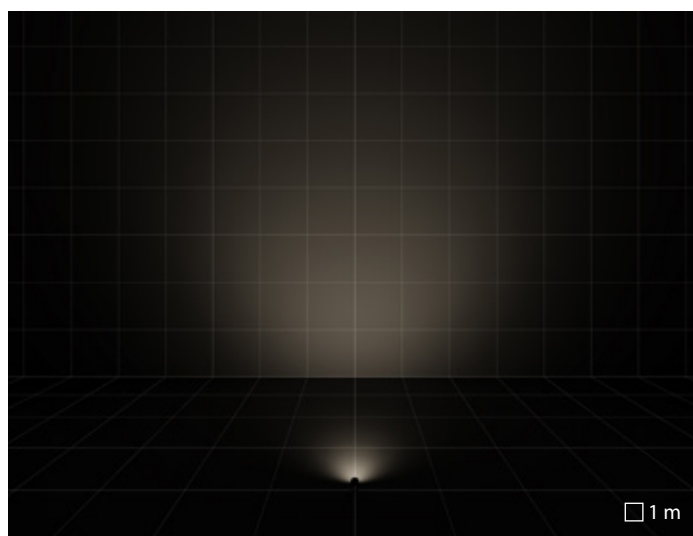




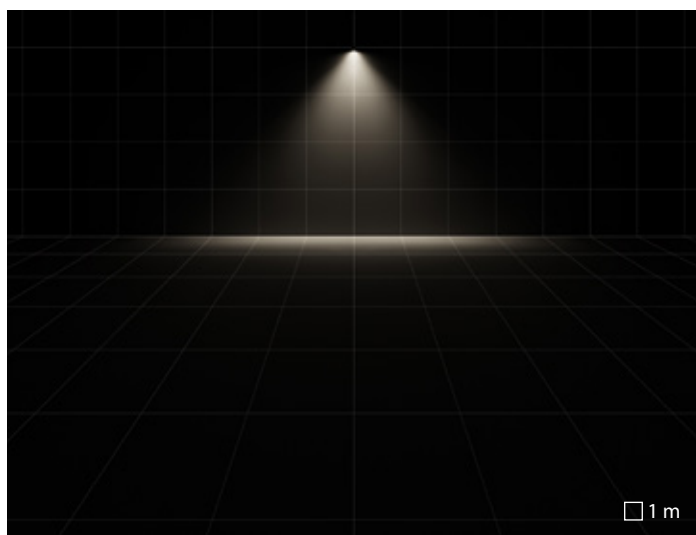
C/I intensive circle reflector



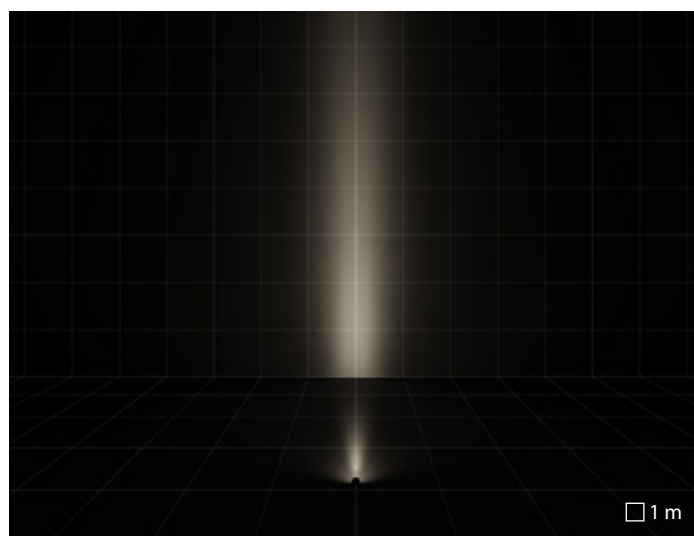
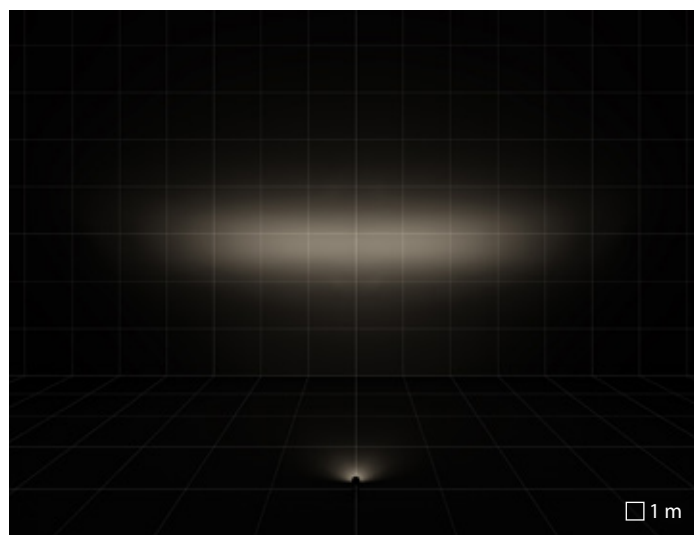
C/M medium circle reflector



C/W wide circle intensive reflector



ELL 9°x70° elliptical reflector



ELL 70°x9° elliptical reflector





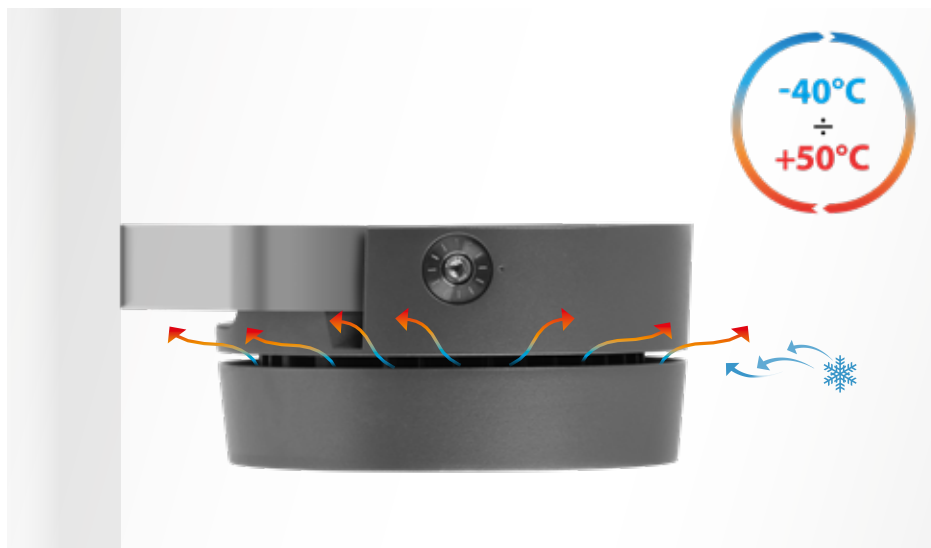




Private Villa | Santa Margherita Ligure | Italy



## TYK+ 20



Luminaire designed with two separate die-cast aluminium compartments to maximise heat dissipation between electronic components and the LEDs, powder-polyester coated ISO 9227



High-transparency polycarbonate lenses grant an optimized light transmission



Graduated goniometer for aiming purposes made in stainless steel



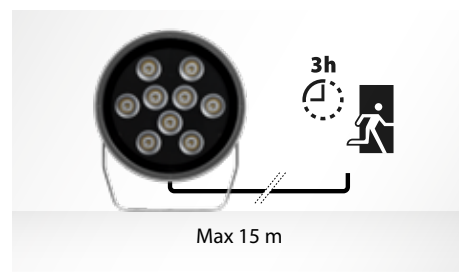
Tear-proof nickelled brass cable gland M20x1.5 for cables Ø 10 mm- Ø 14 mm



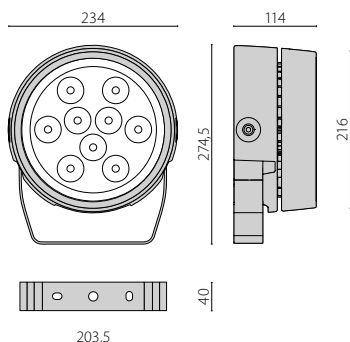
Drivers with surge protection up to 6 kV (DM)



The snoot accessory is compatible with versions that have C/I narrow-beam lenses



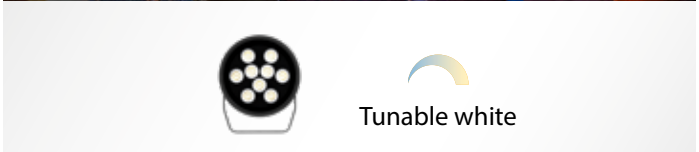
The TYK+ 20 EM3h RM versions are in class II, with no output cable and must be powered solely with the power supply units available as accessories. Consult Factory



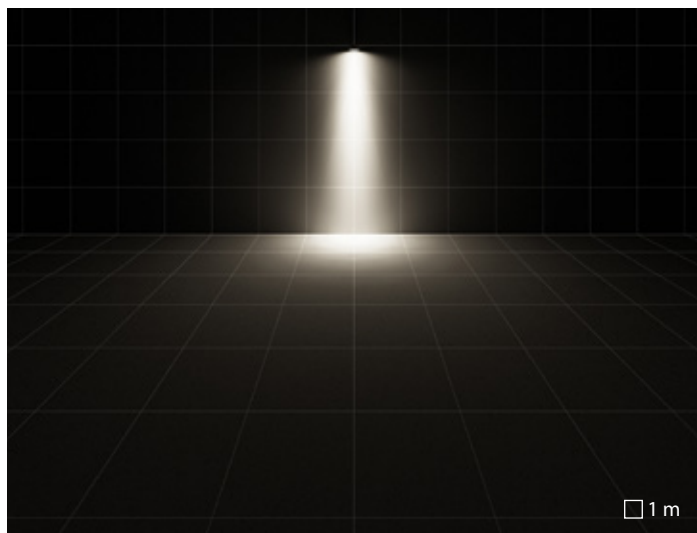




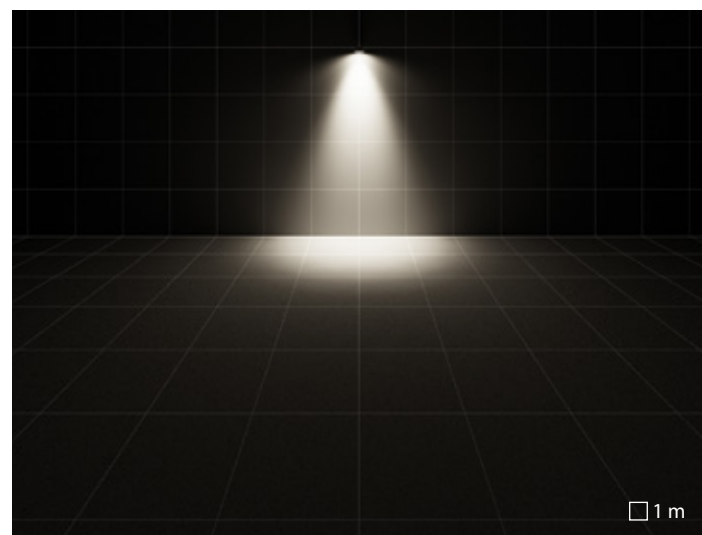
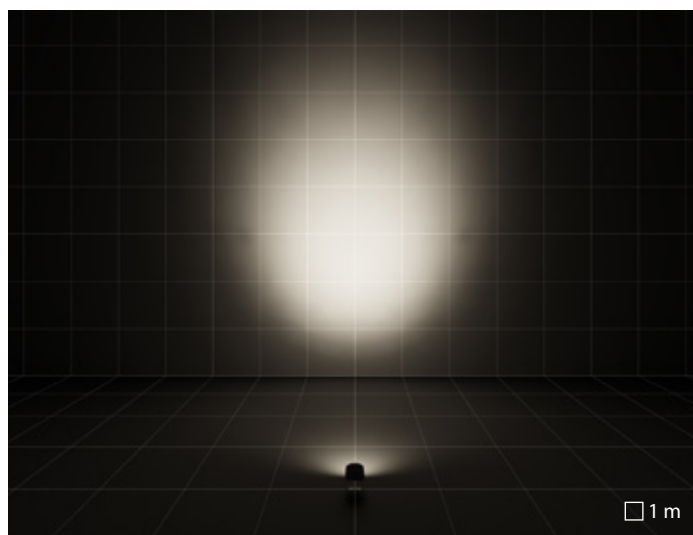
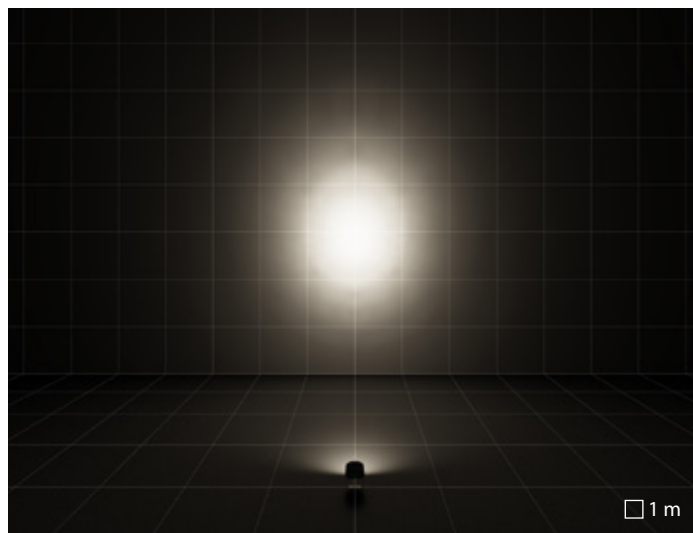
RGBW



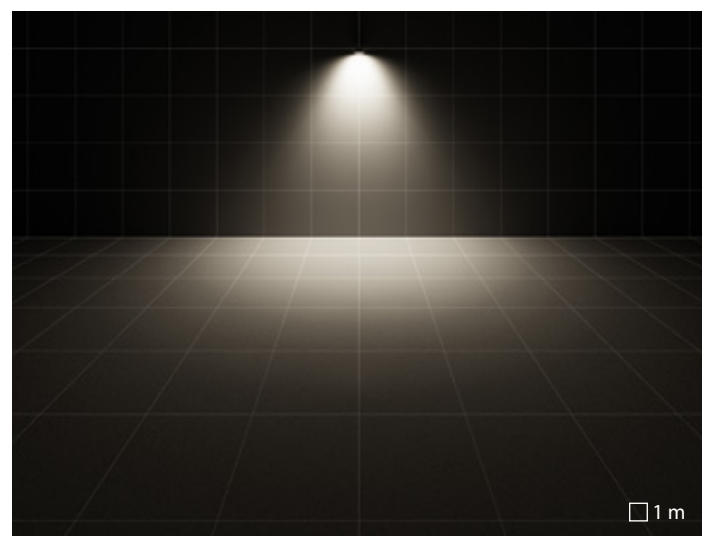
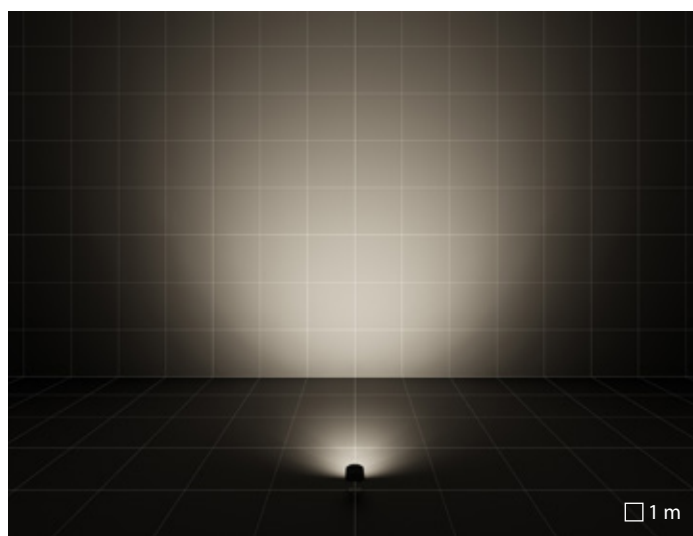
Tunable white (consult factory)



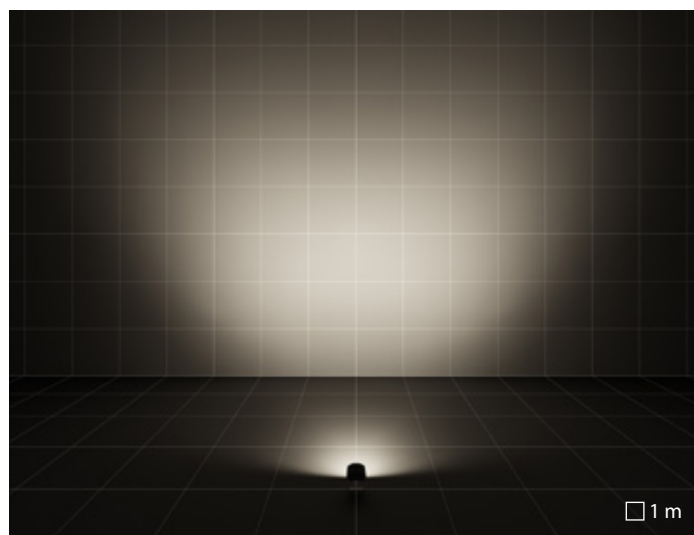
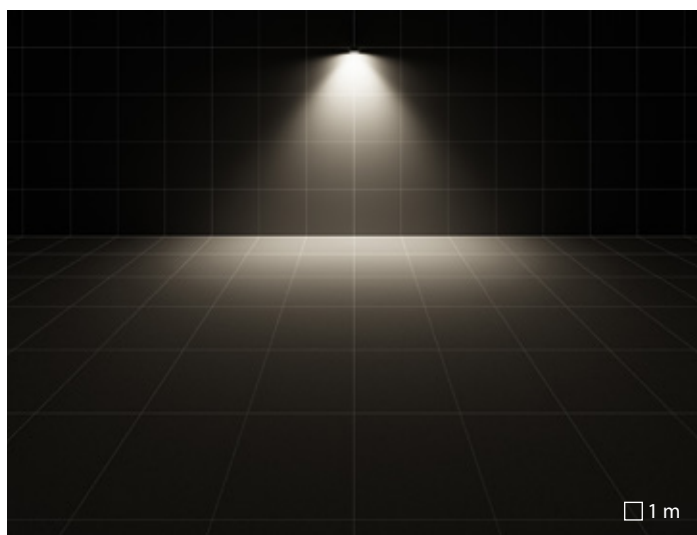
C/I intensive circle reflector



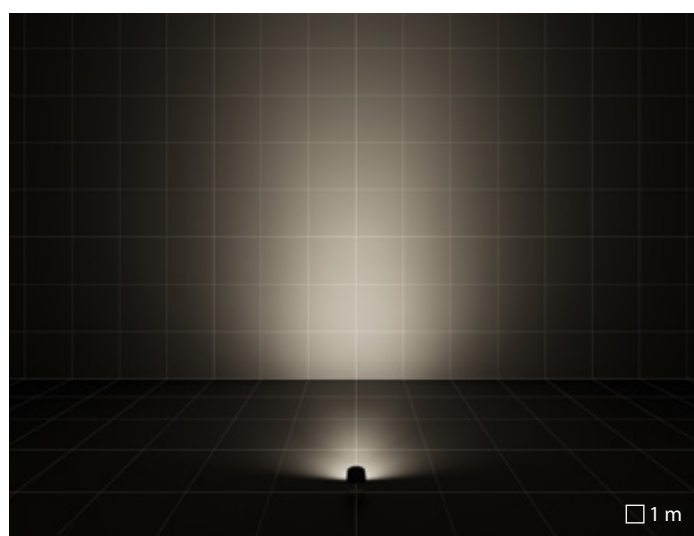
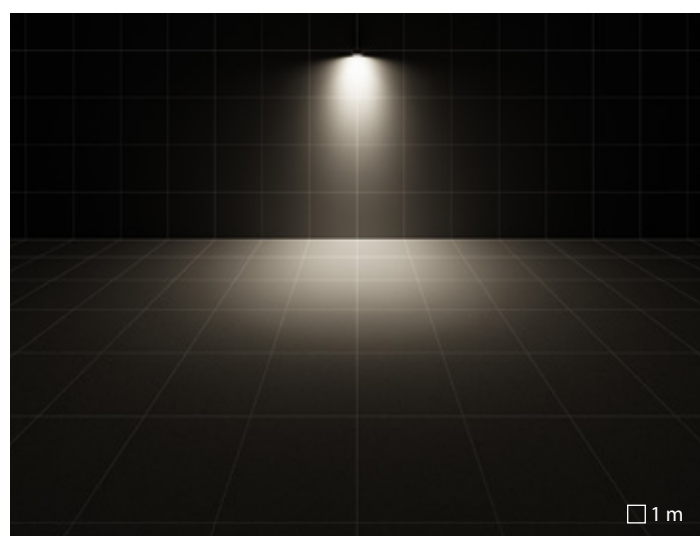
C/M medium circle reflector



C/W wide circle intensive reflector

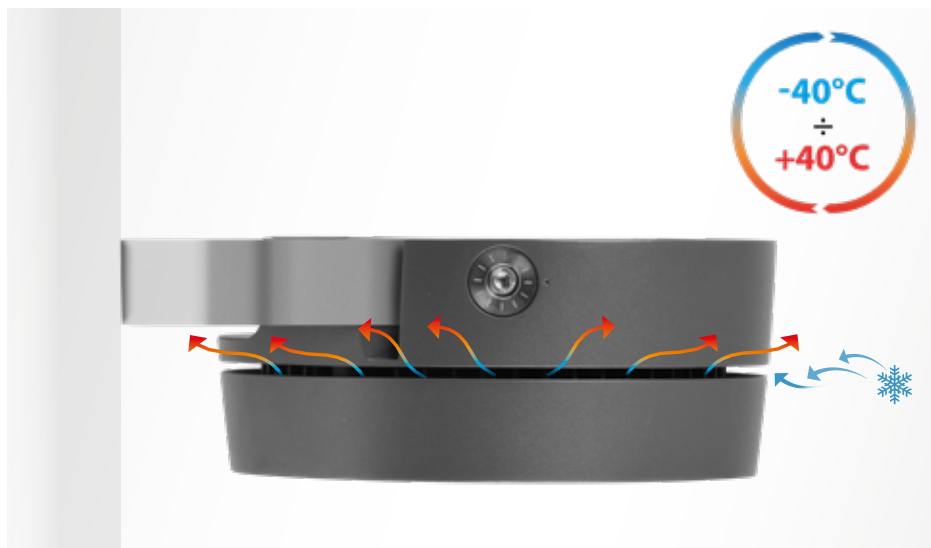


ELL 35°x65° elliptical reflector



ELL 65°x35° elliptical reflector

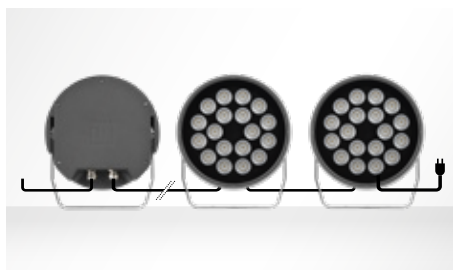
## TYK+ 30



Luminaire designed with two separate die-cast aluminium compartments to maximise heat dissipation between electronic components and the LEDs, powder-polyester coated ISO 9227



High-transparency polycarbonate lenses grant an optimized light transmission



Each luminaire is supplied with two IP 68 cable gland allowing a single or a through power connection



Drivers with surge protection up to 6 kV (DM)



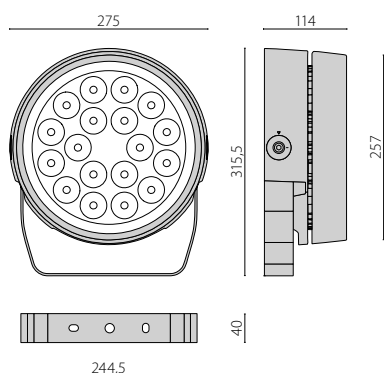
Extra rotation bracket +55°/-90°



Barndoor (consult factory)

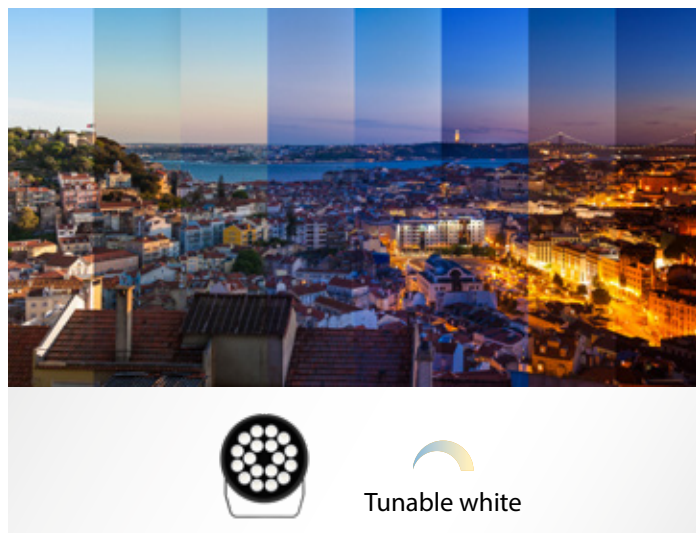


Gliding support made of painted aluminium for the installation on 60-76 mm Ø posts. 2 opposed luminaires



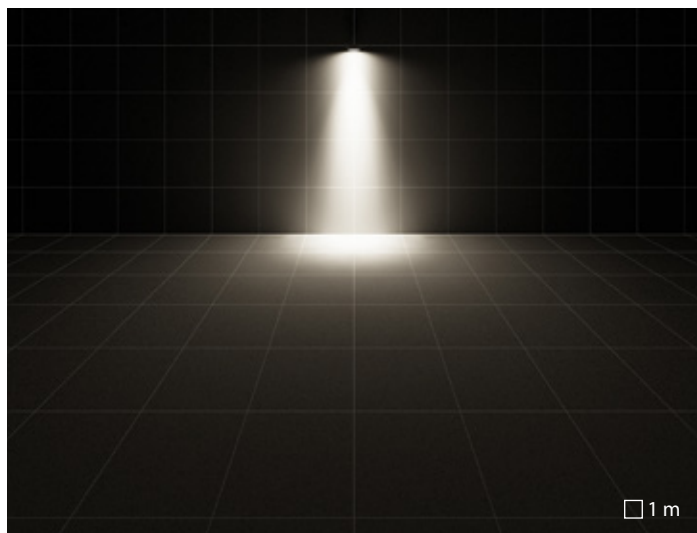


RGBW (consult factory)

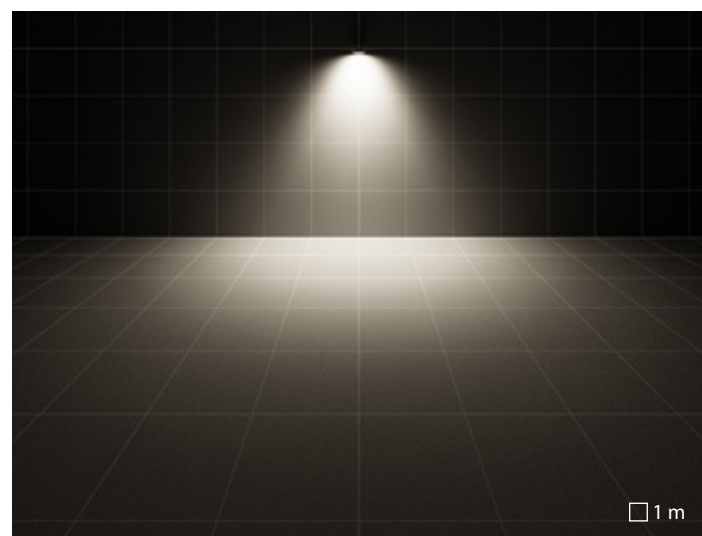
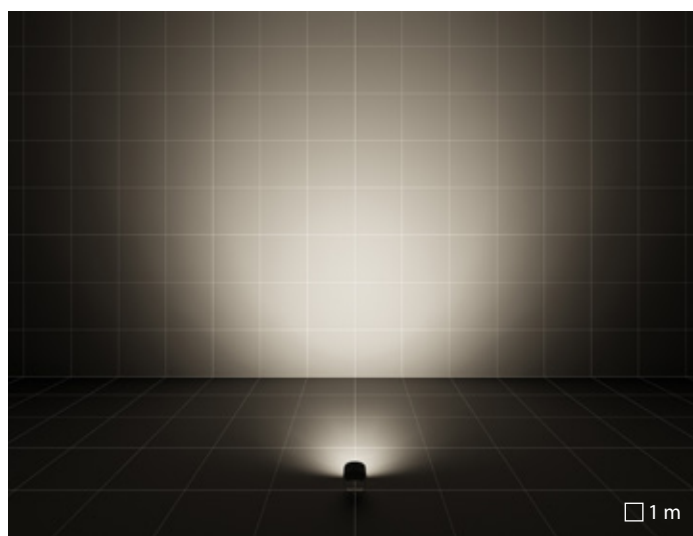
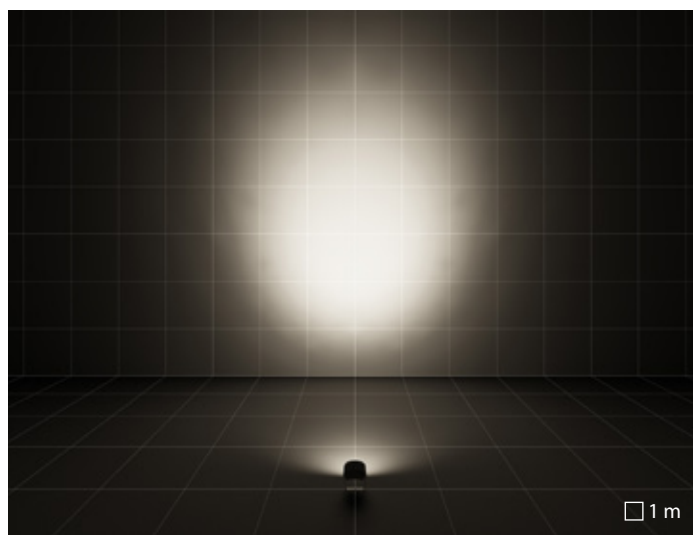
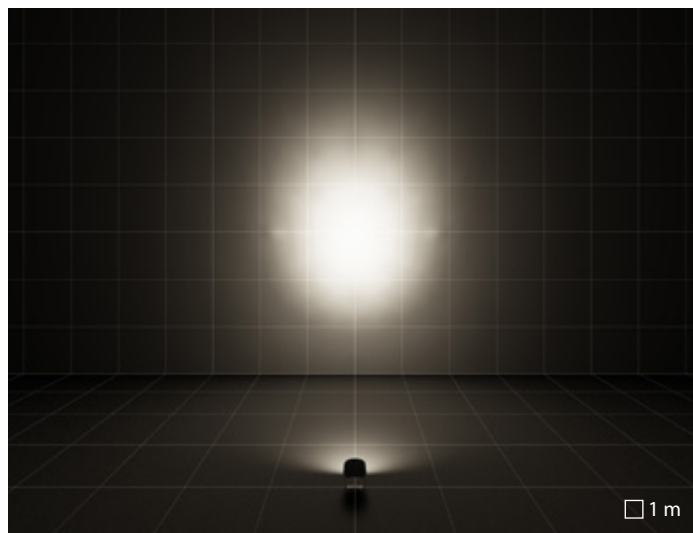


Tunable white (consult factory)

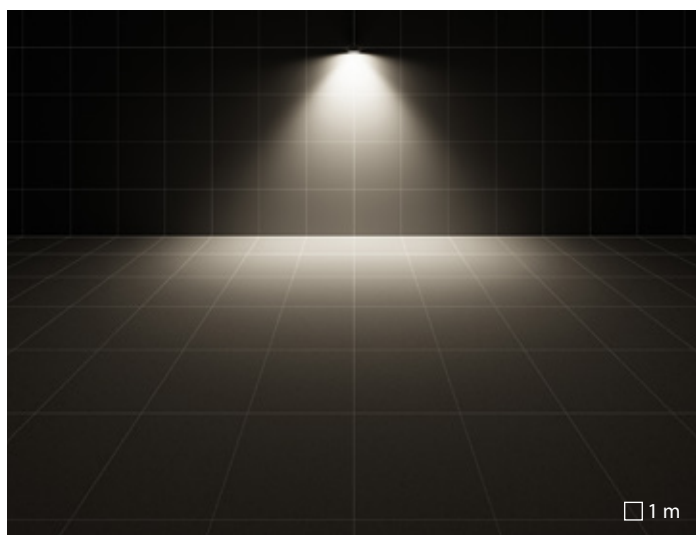




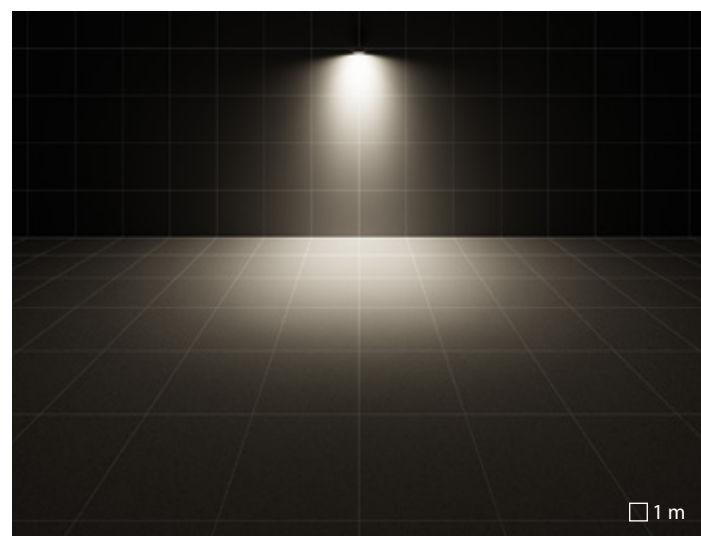
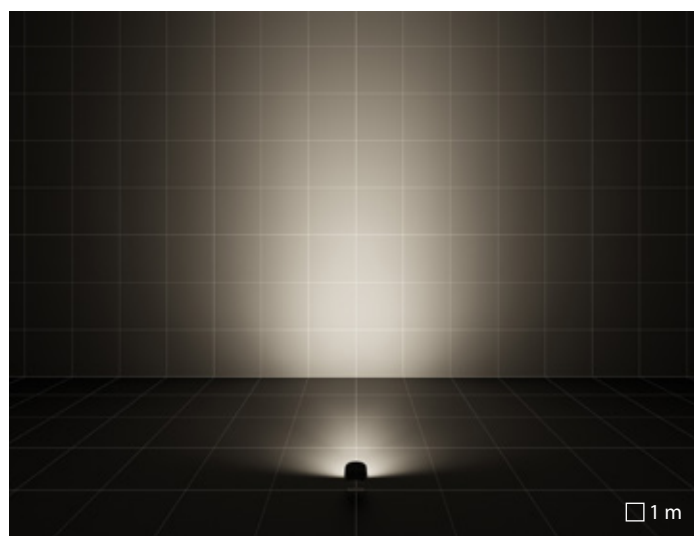
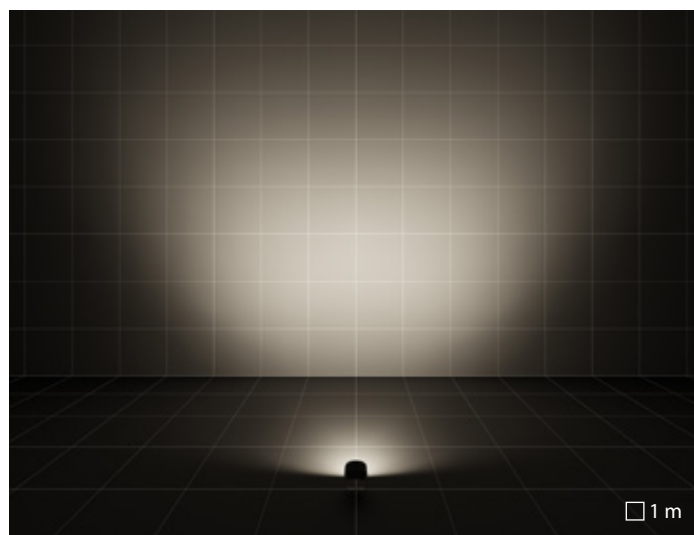
C/I intensive circle reflector



C/W wide circle intensive reflector



ELL 35°x65° elliptical reflector



ELL 65°x35° elliptical reflector