

Genius Family

AGN45-R01Q



Genius

Coding

AGN45	R	01	QS	-	F	30	20	12	F	W	-	W	
Model	SHAPE	VERSION	TRIM	CRI	CCT	Angle	Power	Control	Trim Finish	Reflector Color	Access	ory	
AMLUMEN AIFI	R Round		QS Microflange	8 CRI80	27  2700K	20 20°	08 8W	N NO Driver	W White	W White	H Honeycomb		
	S Square		QT Trimless Drywall	9 CRI90	30  3000K			F ON/OFF					
				F CRI95-97	35  3500K			P Phase Dim				B Black	O Optical Film
				H CRI98	40  4000K			A 0-10V Dim				G Gold	/ No fittings
					2765 2700-6500K 			D DALI Dim		S Silver			

Recessed Adjustable LED Downlight

Genius Recessed Round LED Spotlight boasts CB international safety certification as its quality guarantee, and features high-efficiency COB integrated light source technology. Delivering uniform and soft illumination with a color rendering index of ≥ 90 , it faithfully restores the authentic hues of your home. Fitted with a precision-machined aluminum anti-glare cover, it mitigates glare via a scientifically engineered diffuse reflection design, ensuring lasting visual comfort even with prolonged use. The lamp head supports 20° vertical tilting and 360° horizontal rotation, flexibly catering to diverse scenarios—from accent lighting for living room artworks to supplementary illumination for retail display cabinets. Its split modular structure streamlines installation procedures and cuts down maintenance costs. The cold-forged pure aluminum heat dissipation system enables efficient temperature regulation and an ultra-long lifespan of 50,000 hours. Ideal for home studies, kitchen countertops, hotel lobbies and art galleries alike, it delivers a stable, long-lasting high-performance lighting experience that seamlessly balances functionality and spatial aesthetics.

Key Features

- Premium ColdForged Heat Sink — Twice the cooling efficiency of die-cast aluminium, minimising light-decay and extending fixture lifespan
- Anti-Glare Comfort Lighting — Aluminium anti-glare ring delivers soft, eye-friendly light for home and commercial use
- Flexible Aim Adjustment — 360° horizontal rotation + 20° vertical tilt for precise beam positioning
- True-to-Life Colour Rendition — High-CRI COB light source of up to 97Ra with 2700K–4000K CCT options faithfully restores authentic interior hues.
- Easy Split Modular Installation — Streamlined split structure simplifies installation procedures and reduces maintenance costs.
- Durable All-Metal Housing — Pressure-resistant, corrosion-proof, robust long-term performance

.....

Technology

ColorMatch 

SIGHTComfort 

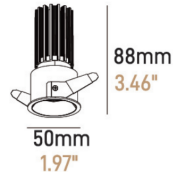
Optimal**Bright**  SAVE ENERGY

AGN45-R01Q



AGN45-R01QS

20°/360°



AGN45-R01QT

20°/360°



Wattage Beam angle

10W (Max) 20°/28°/38°/55°

Color Temperature Installation

2700K/3000K/3500K/4000K Recessed

Luminous Efficacy CRI

46lm/w (3000K) ≥97
66lm/w (3000K) ≥90

RatedLife Hours Trim Colors

30,000- 50,000H ■ Black □ White

Input V oltag e Driver Options

AC220-240V ON/OFF
(Optional Smart Control) DIM TRIAC/PHASE-CUT
DIM 0/1-10V

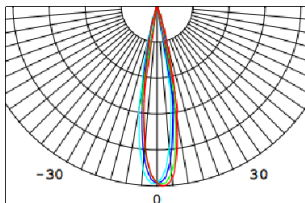
Cutting Section IP Rating

45mm IP 20

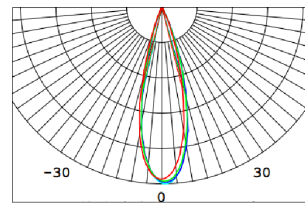
Light Direction

20° 360°

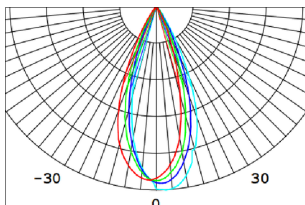
IES



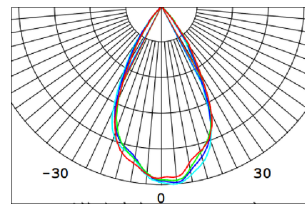
10W	20°	3000K
H(m)	E(lx)	D(m)
1	3230	Φ0.34
2	807	Φ0.68
3	359	Φ1.02
4	202	Φ1.37
5	129	Φ1.71



10W	28°	3000K
H(m)	E(lx)	D(m)
1	2214	Φ0.50
2	553	Φ0.99
3	246	Φ1.49
4	138	Φ1.99
5	89	Φ2.48



10W	38°	3000K
H(m)	E(lx)	D(m)
1	1731	Φ0.71
2	343	Φ1.41
3	152	Φ2.12
4	86	Φ2.82
5	55	Φ3.53



10W	55°	3000K
H(m)	E(lx)	D(m)
1	678	Φ1.04
2	170	Φ2.09
3	75	Φ3.13
4	42	Φ4.17
5	27	Φ5.22

Note: CCT: 3000K CRI: ≥95



W system	LM system	optics	Code
8W	354LM	20°	AGN45R01QS-F302008FW-W
8W	433LM	28°	AGN45R01QS-F302808FW-W
8W	477LM	38°	AGN45R01QS-F303808FW-W
8W	437LM	55°	AGN45R01QS-F305508FW-W



W system	LM system	optics	Code
10W	443LM	20°	AGN45R01QS-F302010FW-W
10W	541LM	28°	AGN45R01QS-F302810FW-W
10W	596LM	38°	AGN45R01QS-F303810FW-W
10W	546LM	55°	AGN45R01QS-F305510FW-W

.....



W system	LM system	optics	Code
10W	443LM	20°	AGN45R01QT-F302010FW-W
10W	541LM	28°	AGN45R01QT-F302810FW-W
10W	596LM	38°	AGN45R01QT-F303810FW-W
10W	546LM	55°	AGN45R01QT-F305510FW-W

Note: CCT: 3000K CRI: ≥90



W system	LM system	optics	Code
8W	407LM	20°	AGN45R01QS-F302008FW-W
8W	498LM	28°	AGN45R01QS-F302808FW-W
8W	549LM	38°	AGN45R01QS-F303808FW-W
8W	503LM	55°	AGN45R01QS-F305508FW-W



W system	LM system	optics	Code
10W	509LM	20°	AGN45R01QS-F302010FW-W
10W	622LM	28°	AGN45R01QS-F302810FW-W
10W	685LM	38°	AGN45R01QS-F303810FW-W
10W	628LM	55°	AGN45R01QS-F305510FW-W

.....



W system	LM system	optics	Code
10W	509LM	20°	AGN45R01QT-F302010FW-W
10W	622LM	28°	AGN45R01QT-F302810FW-W
10W	685LM	38°	AGN45R01QT-F303810FW-W
10W	628LM	55°	AGN45R01QT-F305510FW-W

Accessories

Optional

Circular economy principles are elegantly integrated into every stage of our design and manufacturing process.

Featuring a fully modular design, these luminaires enable straightforward repair, reuse, and seamless reintroduction into standard inventory at the end of their product life cycle.



Optical Film



Honeycomb







Architectural lighting art innovation