

Reduced Glare

AQUILA

DOWNLIGHT SERIES

A series of downlight luminaires designed with a simplified modular concept. Made to be efficient and durable to suit mass deployment applications with demanding conditions, especially in commercial and hospitality sectors.

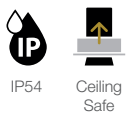


Future proof with upgradeable module

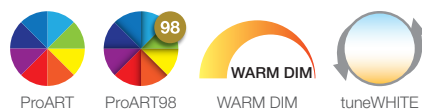
Accessory options

Trim thickness < 2mm

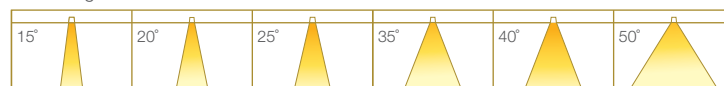
Fixture Features



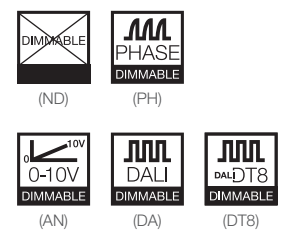
Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



AQUILA 3

RECESSED ROUND FIX / TILT DOWNLIGHT LUMINAIRE
12W / 10W / 7W / 5W



#ROUND
#TRIM



#ROUND
#NARROWTRIM



#ROUND
#TRIMLESS

TECHNOLOGY AND FEATURES



Converging Optical Lens
Maximising LOR



Ceiling
Safe

AVAILABLE OPTIONS							
FIXTURE COLOUR OPTIONS	Trim Colour Options	MATT WHITE RAL9003	MATT BLACK RAL9011	REFLECTOR COLOUR OPTIONS	CHROME	CHROME BLACK	TITANIUM GOLD
	MATT WHITE RAL9003						
	MATT BLACK RAL9011						
ACCESSORIES	Honeycomb Anti-Glare Louvre Soft Lens						
LED MODULE	SINGLE CCT: 2700K 3000K 3500K 4000K ProART ProART98 <small>(Not available for 12W)</small>						
DRIVER DIMMING	(ND) (PH) (AN) (DA)						

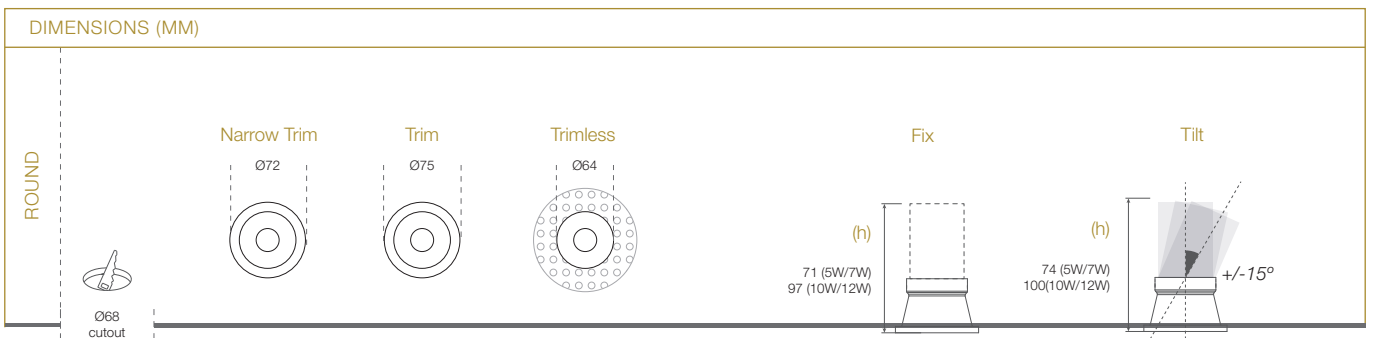
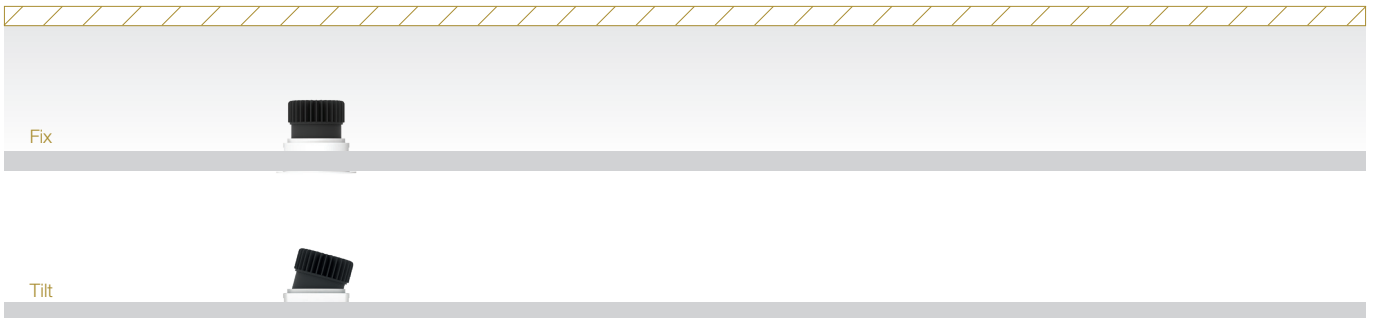
AQUILA

3

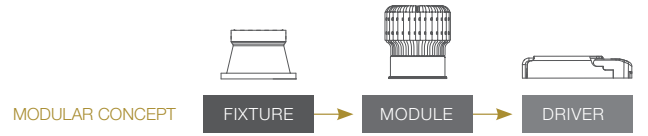
- #ROUND
- #FIX
- #TILT
- #TRIM
- #TRIMLESS
- #NARROWTRIM

SPECIFICATIONS

Family Type	Aquila Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	35V
Typical Operating Current	350mA (12W), 300mA (10W), 200mA (7W), 150mA (5W)
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	15°, 25°, 40°, 50°
Colour Temperatures	2700K, 3000K, 3500K, 4000K
CRI	ProART (CRI-95), ProART98 (CRI-98)
SDCM	3 steps MacAdam ellipse binning
Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Push-pin or screw terminals for convenient connection
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Ingress Protection	IP54
Safety Class	Class 2
Standards	IEC 60598-1, IEC 61347-2-13
Regulatory Markings	CE, CCC, RoHS



AQUILA 3



PHOTOMETRICS

AQUILA 3

Height (m)	E(0°)	E _{max} (lx)				AQUILA 3			Luminous Flux (lm)			
		15°	25°	40°	50°	LED Power	System Power	CRI	3000K			
		Cone Ø (m)	E(0°)	Cone Ø (m)	E(0°)				15°	25°	40°	50°
1	4303	0.40	3757	0.69	1442	12W	15W	ProART CRI-95	1032	1116	1128	1140
2	1076	0.79	939	1.00	361				10W	13W	ProART98 CRI-98	860
3	478	1.19	417	1.39	160	7W	9W	ProART CRI-95				708
4	269	1.58	235	1.67	90				5W	6.4W	ProART98 CRI-98	616
5	172	1.98	150	2.01	48	ProART CRI-95	ProART98 CRI-98	475				510
											391	420

Correction Factor: AQUILA 3 12W - f = 1.00
 AQUILA 3 10W - f = 0.83
 AQUILA 3 7W - f = 0.60
 AQUILA 3 5W - f = 0.46

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K.
 Higher CCT of 4000K will have a nominal data value of 5% higher than published. (f = 1.05)
 ProART98 CRI-98 will have a nominal data value of 18% lower than published. (f = 0.82)
 Nominal CRI-95, equals to Ra>90-97, R9>50
 Nominal CRI-98, equals to Ra>97-99, R9>93

ORDERING MATRIX CHART

Fixture												
Type	Trim Options		Shape		Angle		Colour		Reflector Colour		Accessories	
AQUILA-3	T	Trim	RD	Round	FX	Fix	WH	Matt White	WH	Matt White	N	None
	NT	Narrow Trim			TL	Tilt	MB	Matt Black	MB	Matt Black	AGL	Anti-Glare Louvre
	X	Trimless							CR	Chrome	SL	Soft Lens
									CB	Chrome Black		
									TG	Titanium Gold		

Single CCT LED Module								Driver	
LED Power	Beam Angle		Colour Temp		CRI		Dimming		
12	12W	15°	27	2700K	PA	ProART	ND	Non-Dim	
10	10W	25°	30	3000K	PP	ProART98*	PH	Phase	
7	7W	40°	35	3500K			AN	1-10V	
5	5W	50°	40	4000K			DA	DALI	

*ProART98 option is NOT available for 12W LED power.
 example: AQUILA-3.T.RD.TL.WH.CR.N.7.15.30.PA.DA