

ARTIS

SURFACE SERIES

An expansion to the Artis downlight series in surface mounted form that is suitable for installation in areas without false ceiling. Designed with multi-axis adjustable snoot and ELR's signature modular concept, LED modules are fully interchangeable with various choices that are ideal for illuminating objects in showcasing and retail applications.



Future proof with upgradeable module

30° multi-axis tilt



Multiple accessories options

Trim thickness < 2mm

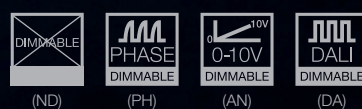
Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



ARTIS 4 SURFACE

SNOOT MULTI-AXIS TILT SURFACE MOUNTED LUMINAIRE



#UNO



#DUO

TECHNOLOGY AND FEATURES



Advanced Thermal Protection System



Low Flicker, No Risk (IEEE 1789)



Converging Optical Lens Maximising LOR

AVAILABLE OPTIONS

FIXTURE COLOUR OPTIONS

Trim Colour Options

MATT WHITE RAL9003

MATT BLACK RAL9011



ACCESSORIES

***Adapter Ring accessory is necessary when paired with COIN, 35 or 50 series LED module variants.



Honeycomb Anti-Glare Louvre



Soft Lens



Linear Spread Lens



Adapter Ring

LED MODULE



100PLE / 100CLE / 100CLO

SINGLE CCT

2700K 3000K 3500K 4000K 5000K

ProART ProART98

100PLE / 100CLE / 100CLO

WARM DIM



100PLE

tuneWHITE



100PLE

flexiK



	12°	20°	35°	60°
100PLE / 100CLE / 100CLO	✓	✓	✓	✓
100PLE (WARM DIM)	✓	✓	✓	✓
100PLE (tuneWHITE)		✓	✓	✓
100PLE (flexiK)				

DRIVER DIMMING



(ND)



(PH)



(AN)



(DA)



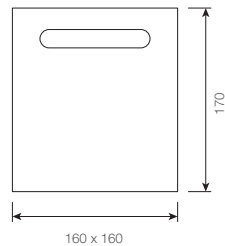
ARTIS 4 SURFACE

SPECIFICATIONS

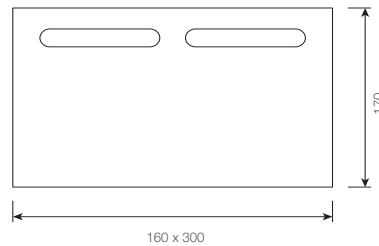
FIXTURE

Family Type	Artis series
Fixture Colours	Matt white, matt black
Fixture Materials	Aluminium
Accessories	Honeycomb anti-glare louvre, soft lens, linear spread lens
Ingress Protection	IP40
LED MODULE & DRIVER	
Compatible LED Modules	100, 50, 35, COIN series LED modules
Lifetime	Up to 50,000 hours L80 lamp life with LM80 tested LED chip packages
Beam Angles	10°, 12°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K, Warm Dim, tuneWHITE, flexiK
CRI	High Efficiency (CRI-85), ProART (CRI-95), ProART98 (CRI-98)
Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI

DIMENSIONS (MM)



(UNO)



(DUO)

ARTIS 4 SURFACE

PHOTOMETRICS

100 PRO

Height (m)		Emax (lx)			
		12°	20°	35°	60°
1	E(0°)	13165	10242	5331	2809
	Cone Ø (m)	0.27	0.40	0.68	1.00
2	E(0°)	3291	2561	1333	702
	Cone Ø (m)	0.54	0.81	1.37	2.00
3	E(0°)	1463	1138	592	312
	Cone Ø (m)	0.81	1.21	2.05	3.00
4	E(0°)	823	640	333	176
	Cone Ø (m)	1.08	1.61	2.74	4.01
5	E(0°)	527	410	213	112
	Cone Ø (m)	1.35	2.02	3.42	5.01

Correction Factor: 100P - f = 1.00
100C - f = 0.69

ELR LED Module				100P	100C
LED Power				23W	17W
System Power				28W	21W
Luminous Flux (lm)	Type	Beam Angle	CRI		
			High Efficiency Ra-85	2190	1504
	Single CCT (3000K)	12°	ProART Ra-95	1862	1278
			ProART98 Ra-98	1533	1053
			High Efficiency Ra-85	2670	1833
		20°	ProART Ra-95	2270	1558
			ProART98 Ra-98	1869	1283
			High Efficiency Ra-85	2700	1854
	35°	ProART Ra-95	2295	1576	
		ProART98 Ra-98	1890	1298	
		High Efficiency Ra-85	2490	1710	
	60°	ProART Ra-95	2117	1453	
ProART98 Ra-98		1743	1197		

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05) High Efficiency CRI-85 will have a nominal data value of 15% higher than published. (f = 1.17) ProART98 CRI-98 will have a nominal data value of 8% lower than published. (f = 0.92)

Nominal CRI-85, equals to Ra>80-87, R9>0
Nominal CRI-95, equals to Ra>90-97, R9>50
Nominal CRI-98, equals to Ra>97-99, R9>93

100 PRO WARM DIM

Height (m)		Emax (lx)			
		12°	20°	35°	60°
1	E(0°)	11358	8836	4600	2424
	Cone Ø (m)	0.27	0.40	0.68	1.00
2	E(0°)	2839	2209	1150	606
	Cone Ø (m)	0.54	0.81	1.37	2.00
3	E(0°)	1262	982	511	269
	Cone Ø (m)	0.81	1.21	2.05	3.00
4	E(0°)	710	552	287	151
	Cone Ø (m)	1.08	1.61	2.74	4.01
5	E(0°)	454	353	184	97
	Cone Ø (m)	1.35	2.02	3.42	5.01

ELR LED Module				100P
LED Power				23W
System Power				28W
Luminous Flux (lm)	Type	Beam Angle	CRI	
				Warm Dim (3100K)
	ProART Ra-95	12°	1958	
		20°	1958	
		35°	1990	
60°	1826			

Data are based on maximum output at 3100K. Nominal CRI-95, equals to Ra>90-97, R9>50

ARTIS 4 SURFACE

PHOTOMETRICS

100 PRO tuneWHITE/flexiK



Height (m)		Emax (lx)			ELR LED Module				100P
		20°	35°	60°	LED Power		System Power		23W
1	E(0°)	7631	3972	2093	Luminous Flux (lm)				28W
	Cone Ø (m)	0.40	0.68	1.00					
2	E(0°)	1908	993	523	tuneWHITE / flexiK (4000K / 6500K)	Type	Beam Angle	CRI	1691
	Cone Ø (m)	0.81	1.37	2.00		20°	ProART Ra-95		
3	E(0°)	848	441	233	35°	1710			
	Cone Ø (m)	1.21	2.05	3.00	60°			1577	
4	E(0°)	477	248	131	Data are based on maximum output at highest CCT (4000K / 6500K). 2700K will have a nominal data value of 10% lower than published. (f = 0.90) 1800K will have a nominal data value of 30% lower than published. (f = 0.70) Nominal CRI-95, equals to Ra>90-97, R9>50				
	Cone Ø (m)	1.61	2.74	4.01					
5	E(0°)	305	159	84					
	Cone Ø (m)	2.02	3.42	5.01					

100 PRO RGBW

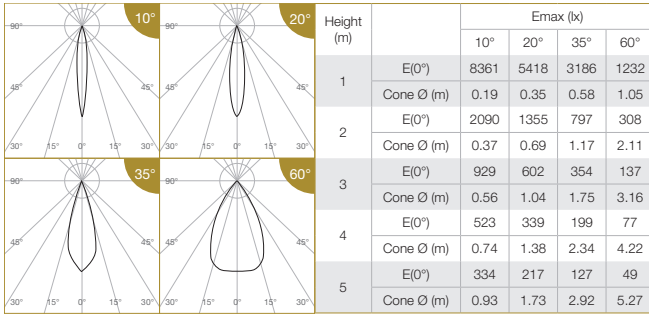


Height (m)		Emax (lx)		ELR LED Module				100P
		35°	60°	LED Power		System Power		22W
1	E(0°)	2122	1118	Luminous Flux (lm)				26W
	Cone Ø (m)	0.68	1.00					
2	E(0°)	531	280	RGBW	Type	Beam Angle	CRI	914
	Cone Ø (m)	1.37	2.00		35°	N/A		
3	E(0°)	236	124	60°	842			
	Cone Ø (m)	2.05	3.00	Data are based on maximum output of all 4 RGBW channels.				
4	E(0°)	133	70					
	Cone Ø (m)	2.74	4.01					
5	E(0°)	85	45					
	Cone Ø (m)	3.42	5.01					

ARTIS 4 SURFACE

PHOTOMETRICS

50 PRO



Correction Factor:

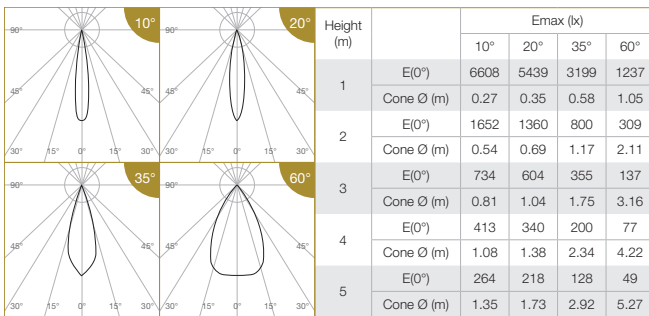
50P (10°) - f = 1.00	50P (20°, 35°, 60°) - f = 1.00
50P (10°) - f = 0.78	50C (20°, 35°, 60°) - f = 0.80
35P (10°) - f = 0.62	35P (20°, 35°, 60°) - f = 0.71
50N (10°) - f = 0.58	50N (20°, 35°, 60°) - f = 0.63
35N (10°) - f = 0.42	35N (20°, 35°, 60°) - f = 0.47
COIN (10°) - f = 0.35	COIN (20°, 35°, 60°) - f = 0.38
50P-24CV (10°) - f = 0.75	50P-24CV (20°, 35°, 60°) - f = 0.70
50C-24CV (10°) - f = 0.62	50C-24CV (20°, 35°, 60°) - f = 0.57
35P-24CV (10°) - f = 0.48	35P-24CV (20°, 35°, 60°) - f = 0.49
COIN-24CV (10°) - f = 0.28	COIN-24CV (20°, 35°, 60°) - f = 0.27

ELR LED Module				50P	50C	35P	50N	35N	COIN			
LED Power				12W	10W	8W	7.5W	5.5W	4.5W			
System Power				15.2W	12.8W	11W	10W	7.5W	6W			
Luminous Flux (lm)	Type	Beam Angle	CRI									
				Single CCT (3000K)								
	10°	High Efficiency Ra-85	ProART Ra-95	962	755	599	555	407	333			
				818	642	510	472	346	283			
				673	528	420	389	285	233			
		20°	High Efficiency Ra-85	ProART Ra-95	1305	1044	931	827	609	496		
					1109	887	792	703	518	422		
					914	731	652	579	426	347		
	35°	High Efficiency Ra-85	ProART Ra-95	1320	1056	942	836	616	502			
				1122	898	801	711	524	427			
				924	739	659	585	431	351			
	60°	High Efficiency Ra-85	ProART Ra-95	1230	984	877	779	574	467			
				1046	836	746	663	488	398			
				861	689	614	545	402	327			
Input Power (24CV)				12W	10W	8W			4.5W			
Luminous Flux (lm)	Type	Beam Angle	CRI									
				24CV Single CCT (3000K)								
				10°	High Efficiency Ra-85	ProART Ra-95	718	592	466			274
							611	503	397			233
							502	414	326			192
				20°	High Efficiency Ra-85	ProART Ra-95	914	748	644			357
							777	636	547			304
							639	524	451			250
				35°	High Efficiency Ra-85	ProART Ra-95	924	757	651			361
							786	643	554			307
							647	530	456			253
				60°	High Efficiency Ra-85	ProART Ra-95	861	705	607			336
732	599	516						286				
603	494	425						235				

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05) High Efficiency CRI-85 will have a nominal data value of 15% higher than published. (f = 1.17) ProART98 CRI-98 will have a nominal data value of 8% lower than published. (f = 0.82)

Nominal CRI-85, equals to Ra>80-87, R9>0
Nominal CRI-95, equals to Ra>90-97, R9>50
Nominal CRI-98, equals to Ra>97-99, R9>83

50 PRO WARM DIM



Correction Factor:

50P WD - f = 1.00
50N WD - f = 0.63
35N WD - f = 0.46
COIN WD - f = 0.38

ELR LED Module				50P	50N	35N	COIN		
LED Power				12W	7.5W	5.5W	4.5W		
System Power				15.2W	10W	7.5W	6W		
Luminous Flux (lm)	Type	Beam Angle	CRI						
				Warm Dim (3100K)					
				ProART Ra-95	10°	934	584	431	350
					20°	1114	696	513	418
					35°	1126	704	519	422
60°	1050	656	484		394				

Data are based on maximum output at 3100K.
Nominal CRI-95, equals to Ra>90-97, R9>50

ARTIS 4 SURFACE

PHOTOMETRICS

50 PRO tuneWHITE/flexiK



Height (m)	E(0°)	Emax (lx)		
		20°	35°	60°
1	E(0°)	4249	2499	966
	Cone Ø (m)	0.35	0.58	1.05
2	E(0°)	1062	625	242
	Cone Ø (m)	0.69	1.17	2.11
3	E(0°)	472	278	107
	Cone Ø (m)	1.04	1.75	3.16
4	E(0°)	266	156	60
	Cone Ø (m)	1.38	2.34	4.22
5	E(0°)	170	100	39
	Cone Ø (m)	1.73	2.92	5.27

ELR LED Module				50P	50N	COIN
LED Power				12W	7.5W	4.5W
System Power				15.2W	10W	6W
Luminous Flux (lm)	Type	Beam Angle	CRI			
	tuneWHITE / flexiK (4000K / 6500K)	20°	ProART Ra-95	870	522	313
		35°		880	528	317
60°	820	492		295		

Data are based on maximum output at highest CCT (4000K / 6500K).
 2700K will have a nominal data value of 10% lower than published. (f = 0.90)
 1800K will have a nominal data value of 30% lower than published. (f = 0.70)

Nominal CRI-95, equals to Ra>90-97, R9>50

Correction Factor: 50P TW / FK - f = 1.00
 50N TW / FK - f = 0.80
 COIN TW / FK - f = 0.36

50 PRO RGBW



Height (m)	E(0°)	Emax (lx)	
		35°	60°
1	E(0°)	1512	585
	Cone Ø (m)	0.58	1.05
2	E(0°)	378	146
	Cone Ø (m)	1.17	2.11
3	E(0°)	168	65
	Cone Ø (m)	1.75	3.16
4	E(0°)	94	37
	Cone Ø (m)	2.34	4.22
5	E(0°)	60	23
	Cone Ø (m)	2.92	5.27

ELR LED Module				50P
LED Power				12W
System Power				15.2W
Luminous Flux (lm)	Type	Beam Angle	CRI	
	RGBW	35°	N/A	532
		60°		496

Data are based on maximum output of all 4 RGBW channels.

35 PRO HIGH INTENSITY



Height (m)	E(0°)	Emax (lx)	
		10°	
1	E(0°)	10417	
	Cone Ø (m)	0.19	
2	E(0°)	2604	
	Cone Ø (m)	0.37	
3	E(0°)	1157	
	Cone Ø (m)	0.56	
4	E(0°)	651	
	Cone Ø (m)	0.74	
5	E(0°)	417	
	Cone Ø (m)	0.93	

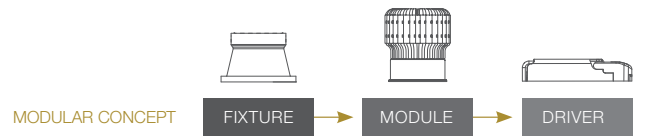
ELR LED Module				35P-HI	50N-HI	35N-HI	COIN-HI
LED Power				8W	7.5W	5.5W	4.5W
System Power				11W	10W	7.5W	6W
Luminous Flux (lm)	Type	Beam Angle	CRI				
	Single CCT (3000K)	10°	High Efficiency Ra-85	568	533	391	318
			ProART Ra-95	482	453	333	271
ProART98 Ra-98			397	373	274	223	

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K.
 Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)
 High Efficiency CRI-85 will have a nominal data value of 15% higher than published. (f = 1.17)
 ProART98 CRI-98 will have a nominal data value of 8% lower than published. (f = 0.82)

Nominal CRI-85, equals to Ra>80-87, R9>0
 Nominal CRI-95, equals to Ra>90-97, R9>50
 Nominal CRI-98, equals to Ra>97-99, R9>93

Correction Factor: 35P-HI - f = 1.00
 50N-HI - f = 0.94
 35N-HI - f = 0.69
 COIN-HI - f = 0.56

ARTIS 4 SURFACE



ORDERING MATRIX CHART

Fixture										
Type	Head		Shape		Angle		Colour		Accessories	
ARTIS-4SM	U	Uno	SQ	Square	TL	Tilt	WH	Matt White	N	None
	D	Duo					MB	Matt Black	AGL	Anti-Glare Louvre
									SL	Soft Lens
									LSL	Linear Spread Lens
									ADT	Adapter Ring***

***Adapter Ring accessory is necessary when paired with COIN, 35 or 50 series LED module variants.

Single CCT LED Module							Driver		
LED Power		Beam Angle		Colour Temp		CRI	Dimming		
ELR100P	23W	12	12°	27	2700K	HE Ra~85	ND	Non-Dim	
ELR100C	17W	20	20°	30	3000K	PA ProART	PH	Phase	
		35	35°	35	3500K	PP ProART98	AN	0-10V	
		60	60°	40	4000K		DA	DALI	
				50	5000K				
ELR50P	12W	10	10°	27	2700K	HE Ra~85	ND	Non-Dim	
ELR50C	10W	20	20°	30	3000K	PA ProART	PH	Phase	
ELR35P	8W	35	35°	35	3500K	PP ProART98	AN	0-10V	
ELR50N	7.5W	60	60°	40	4000K		DA	DALI	
ELR35N	5.5W			50	5000K				
ELRCOIN	4.5W								
ELR35P-HI	8W	NS	10°	27	2700K	HE Ra~85	ND	Non-Dim	
ELR50N-HI	7.5W			30	3000K	PA ProART	PH	Phase	
ELR35N-HI	5.5W			35	3500K	PP ProART98	AN	0-10V	
ELRCOIN-HI	4.5W			40	4000K		DA	DALI	
				50	5000K				
ELR50P-24CV	12W	10	10°	27	2700K	HE Ra~85			
ELR50C-24CV	10W	20	20°	30	3000K	PA ProART			
ELR35P-24CV	8W	35	35°	35	3500K	PP ProART98			
ELRCOIN-24CV	4.5W	60	60°	40	4000K				
				50	5000K				

*Drivers for 24CV LED modules are sold separately.

example: ARTIS-4SM.U.SQ.TL.WH.N.ELR100P.35.30.PA.DA

*Custom RAL colour options available.

Warm Dim LED Module							Driver		
LED Power		Beam Angle		Colour Temp		CRI	Dimming		
ELR100P	23W	12	12°	WD	Warm Dim	PA	ProART	PH	Phase
		20	20°					AN	0-10V
		35	35°					DA	DALI
		60	60°						
ELR50P	12W	10	10°	WD	Warm Dim	PA	ProART	PH	Phase
ELR50N	7.5W	20	20°					AN	0-10V
ELR35N	5.5W	35	35°					DA	DALI
ELRCOIN	4.5W	60	60°						

tuneWHITE LED Module							Driver								
LED Power		Beam Angle		Colour Temp		CRI	Dimming								
ELR100P	23W	20	20°	TW1831	tuneWHITE 1800K-3100K	PA	ProART	DA	DALI						
										ELR50P	12W	35	35°	TW1840	tuneWHITE 1800K-4000K
ELRCOIN	4.5W														

flexiK LED Module							Driver		
LED Power		Beam Angle		Colour Temp		CRI	Dimming		
ELR100P	23W	20	20°	FK##	flexiK	PA	ProART	PH	Phase
ELR50P	12W	35	35°					AN	0-10V
ELR50N	7.5W	60	60°					DA	DALI
ELRCOIN	4.5W								

denotes the first two digits of preferred CCT ranging from 1800K to 6500K by increment of 100K.

RGBW LED Module						
LED Power		Beam Angle		Colour Temp		
ELR100P	22W	35	35°	RGBW	Red, Green, Blue, White	
ELR50P	12W	60	60°			

*Drivers for RGBW LED modules are sold separately.