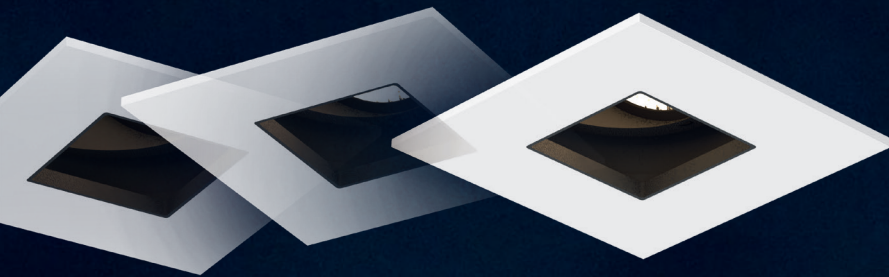


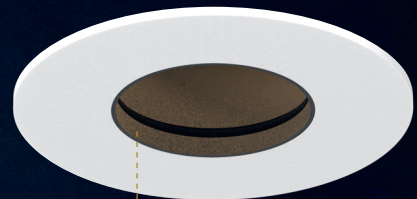
ECLIPSE PRO

DOWNLIGHT SERIES

An expansion to the Eclipse downlight series, designed with an interchangeable and rotatable trim face plate. The Eclipse Pro downlight is equipped with a regression tilt mechanism that allows up to 35 degrees tilting adjustment, offering versatility for various applications.



360° Rotatable Plate



Dark Silent Ring



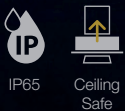
Future proof with upgradeable module

Multiple accessories options



35° Regression Tilt

Fixture Features



Module Colour Temperature Variation



Beam Angle

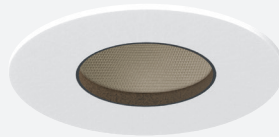


Driver Dimming Variation

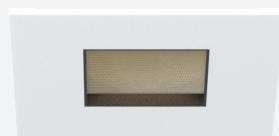


ECLIPSE 3 PRO SL 65

RECESSED ROUND FIX / TILT DOWNLIGHT LUMINAIRE



#ROUND
#FIX
#TRIM
#IP65



#SQUARE
#TILT
#TRIM
#IP65

TECHNOLOGY AND FEATURES



ATePS
Advanced Thermal
Protection System



ComfyEYE
Low Flicker,
No Risk
(IEEE 1789)















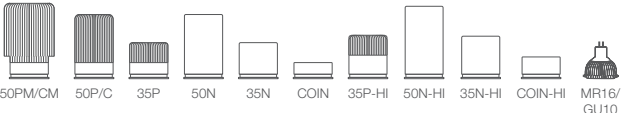







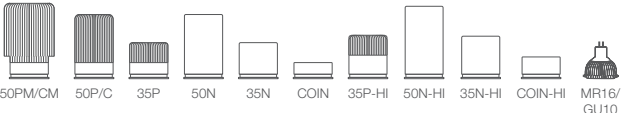







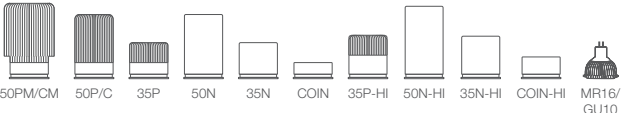





















BEAM
Converging Optical Lens
Maximising LOR



Ceiling
Safe

AVAILABLE OPTIONS

<p>FIXTURE COLOUR OPTIONS</p>	<p>Trim Colour Options</p> <table border="1"> <tr> <td></td> <td>MATT WHITE RAL9003</td> <td>MATT BLACK RAL9011</td> </tr> <tr> <td>ROUND</td> <td></td> <td></td> </tr> <tr> <td>SQUARE</td> <td></td> <td></td> </tr> </table>		MATT WHITE RAL9003	MATT BLACK RAL9011	ROUND			SQUARE																																							
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<p>ACCESSORIES</p>	<p> MR16 Holder  GU10 Holder</p>																																														
<p>LED MODULE</p>	<table border="1"> <tr> <td colspan="2">  </td> <td>10°</td> <td>20°</td> <td>35°</td> <td>60°</td> </tr> <tr> <td rowspan="2"> <p>SINGLE CCT</p>  <p>2700K 3000K 3500K 4000K 5000K</p>  <p>ProART ProART98</p> </td> <td> <p>50PM / 50CM / 50P / 50C / 35P / 50N / 35N / COIN</p> </td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td> <p>35P-HI / 50N-HI / 35N-HI / COIN-HI</p> </td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td> <p>ComfySHIFT</p>  <p>ComfySHIFT</p> </td> <td> <p>35P / 50N</p> </td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td> <p>WARM DIM</p>  <p>WARM DIM</p> </td> <td> <p>50P / 35P / 50N / 35N / COIN</p> </td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td> <p>tuneWHITE</p>  <p>tuneWHITE</p> </td> <td rowspan="2"> <p>50P / 50N / COIN</p> </td> <td></td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td> <p>flexiK</p>  <p>flexiK</p> </td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> <p>RGBW</p>  <p>RGBW</p> </td> <td> <p>50P</p> </td> <td></td> <td></td> <td>✓</td> <td>✓</td> </tr> </table> <p><i>*Drivers for 24CV LED modules are sold separately.</i></p> <p><i>**tuneWHITE and flexiK are recommended to be paired with Soft Lens for better colour mixing effect.</i></p> <p><i>*Drivers for RGBW LED modules are sold separately.</i></p>			10°	20°	35°	60°	<p>SINGLE CCT</p>  <p>2700K 3000K 3500K 4000K 5000K</p>  <p>ProART ProART98</p>	<p>50PM / 50CM / 50P / 50C / 35P / 50N / 35N / COIN</p>	✓	✓	✓	✓	<p>35P-HI / 50N-HI / 35N-HI / COIN-HI</p>	✓				<p>ComfySHIFT</p>  <p>ComfySHIFT</p>	<p>35P / 50N</p>	✓	✓	✓	✓	<p>WARM DIM</p>  <p>WARM DIM</p>	<p>50P / 35P / 50N / 35N / COIN</p>	✓	✓	✓	✓	<p>tuneWHITE</p>  <p>tuneWHITE</p>	<p>50P / 50N / COIN</p>		✓	✓	✓	<p>flexiK</p>  <p>flexiK</p>					<p>RGBW</p>  <p>RGBW</p>	<p>50P</p>			✓	✓
		10°	20°	35°	60°																																										
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	<p>35P-HI / 50N-HI / 35N-HI / COIN-HI</p>	✓																																													
<p>ComfySHIFT</p>  <p>ComfySHIFT</p>	<p>35P / 50N</p>	✓	✓	✓	✓																																										
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<p>DRIVER DIMMING</p>	<table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(ND)</td> <td>(PH)</td> <td>(AN)</td> <td>(DA)</td> </tr> </table>					(ND)	(PH)	(AN)	(DA)																																						
																																															
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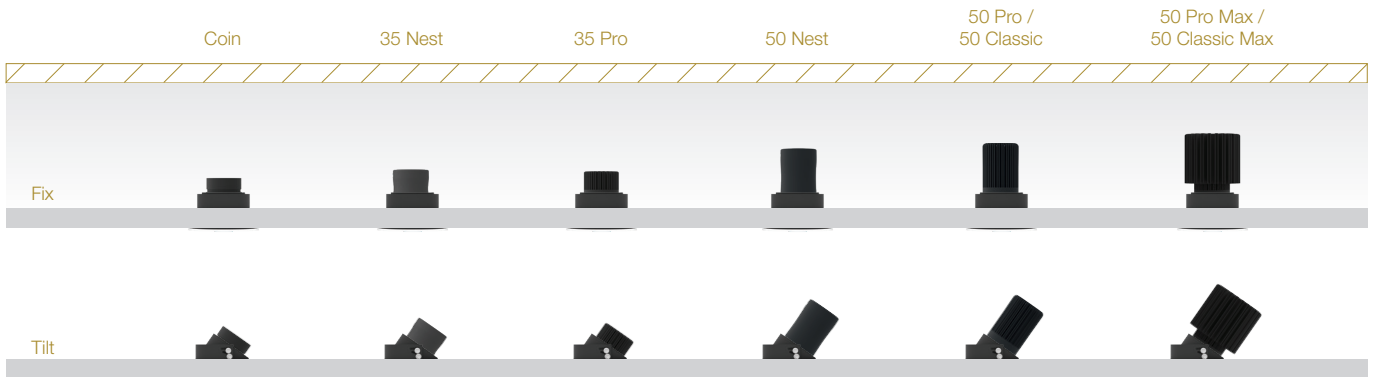
ECLIPSE 3 PRO SL



- #ROUND
- #SQUARE
- #FIX
- #TILT
- #TRIM

SPECIFICATIONS

FIXTURE	
Family Type	Eclipse Pro series
Fixture Colours	Matt white, matt black
Fixture Materials	Aluminium
Ingress Protection	IP65 (Fixture Face Only)
LED MODULE & DRIVER	
Compatible LED Modules	50, 35, COIN series LED modules or MR16/GU10
Lifetime	Up to 50,000 hours L80 lamp life with LM80 tested LED chip packages
Beam Angles	10°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K, ComfySHIFT, Warm Dim, tuneWHITE, flexiK, RGBW
CRI	High Efficiency (CRI-85), ProART (CRI-95), ProART98 (CRI-98)
Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI



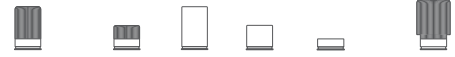
DIMENSIONS (MM)		Height (h)		
		Module	Fix	Tilt
ROUND	Trim Ø90 44	50PM / 50CM:	138	143
		50P / 50C:	124	127
		50N:	121	124
	Fix	35P / 35N:	95	101
		COIN:	71	80
		50N-HI:	131	134
		35P-HI / 35N-HI:	105	111
		COIN-HI:	81	90
		MR16 / GU10	95	101
		Tilt +35° Regression Tilt	50PM / 50CM:	138
50P / 50C:	124		127	
50N:	121		124	
SQUARE	Trim 90 x 90 40 x 40	50PM / 50CM:	138	143
		50P / 50C:	124	127
		50N:	121	124
	Fix	35P / 35N:	95	101
		COIN:	71	80
		50N-HI:	131	134
		35P-HI / 35N-HI:	105	111
		COIN-HI:	81	90
		MR16 / GU10	95	101
		Tilt +35° Regression Tilt	50PM / 50CM:	138
50P / 50C:	124		127	
50N:	121		124	

Height increase with accessories:
 Anti-Glare Louvre : Height +6
 Soft Lens : Height +3
 Linear Spread Lens : Height +3
 Comfort Pro : Height +20

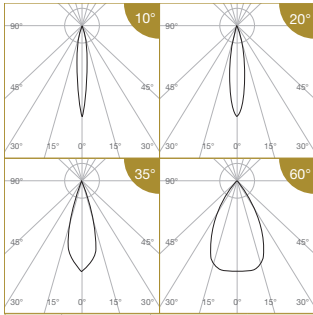
(refer to module driver dimensions)

ECLIPSE 3 PRO SL IP 65

PHOTOMETRICS



50 PRO



Height (m)	E(0°)	E _{max} (lx)			
		10°	20°	35°	60°
1	E(0°)	7446	4825	2837	1097
	Cone Ø (m)	0.19	0.35	0.60	1.00
2	E(0°)	1861	1206	709	274
	Cone Ø (m)	0.38	0.70	1.21	2.00
3	E(0°)	827	536	315	122
	Cone Ø (m)	0.57	1.05	1.81	3.00
4	E(0°)	465	302	177	69
	Cone Ø (m)	0.76	1.40	2.42	4.01
5	E(0°)	298	193	113	44
	Cone Ø (m)	0.95	1.75	3.02	5.01

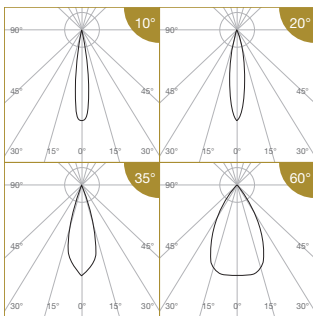
Correction Factor:
 50P (10°) - f = 1.00
 50C (10°) - f = 0.78
 35P (10°) - f = 0.62
 50N (10°) - f = 0.58
 35N (10°) - f = 0.42
 COIN (10°) - f = 0.35
 50PM (10°) - f = 1.69
 50CM (10°) - f = 1.37
 50P-24CV (10°) - f = 0.75
 50C-24CV (10°) - f = 0.62
 35P-24CV (10°) - f = 0.48
 COIN-24CV (10°) - f = 0.28
 50P (20°; 35°; 60°) - f = 1.00
 50C (20°; 35°; 60°) - f = 0.80
 35P (20°; 35°; 60°) - f = 0.71
 50N (20°; 35°; 60°) - f = 0.63
 35N (20°; 35°; 60°) - f = 0.47
 COIN (20°; 35°; 60°) - f = 0.38
 50PM (20°; 35°; 60°) - f = 1.73
 50CM (20°; 35°; 60°) - f = 1.40
 50P-24CV (20°; 35°; 60°) - f = 0.70
 50C-24CV (20°; 35°; 60°) - f = 0.57
 35P-24CV (20°; 35°; 60°) - f = 0.49
 COIN-24CV (20°; 35°; 60°) - f = 0.27

ELR LED Module				50P	50C	35P	50N	35N	COIN	50PM	50CM	
LED Power				12W	10W	8W	7.5W	5.5W	4.5W	21W	17W	
System Power				15.2W	12.8W	11W	10W	7.5W	6W	25W	21W	
Luminous Flux (lm)	Type	Beam Angle	CRI									
	Single CCT (3000K)	10°	High Efficiency Ra-85	858	673	535	495	363	297	1452	1175	
				ProART Ra-95	729	572	455	421	309	253	1234	999
				ProART98 Ra-98	601	471	374	347	254	208	1016	822
			20°	High Efficiency Ra-85	1155	924	824	732	539	439	2002	1617
				ProART Ra-95	982	785	701	622	458	373	1702	1374
				ProART98 Ra-98	809	647	577	512	377	307	1401	1132
		35°	High Efficiency Ra-85	1170	936	835	741	546	445	2028	1638	
			ProART Ra-95	995	796	710	630	464	378	1724	1392	
			ProART98 Ra-98	819	655	584	519	382	311	1420	1147	
		60°	High Efficiency Ra-85	1050	840	749	665	490	399	1820	1470	
ProART Ra-95			893	714	637	566	417	340	1547	1250		
ProART98 Ra-98			735	588	524	466	343	279	1274	1029		
Input Power (24CV)				12W	10W	8W			4.5W			
Luminous Flux (lm)	Type	Beam Angle	CRI									
	24CV Single CCT (3000K)	10°	High Efficiency Ra-85	640	528	416				244		
				ProART Ra-95	545	449	354				208	
				ProART98 Ra-98	448	370	291				171	
			20°	High Efficiency Ra-85	809	662	570				316	
				ProART Ra-95	688	563	484				269	
				ProART98 Ra-98	566	464	399				221	
		35°	High Efficiency Ra-85	819	671	577				320		
			ProART Ra-95	697	570	491				272		
			ProART98 Ra-98	573	470	404				224		
		60°	High Efficiency Ra-85	735	602	518				287		
ProART Ra-95			625	512	440				244			
ProART98 Ra-98			515	421	363				201			

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 18% 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

35 PRO ComfySHIFT



Height (m)	E(0°)	E _{max} (lx)			
		10°	20°	35°	60°
1	E(0°)	3907	3216	1891	731
	Cone Ø (m)	0.27	0.35	0.60	1.00
2	E(0°)	977	804	473	183
	Cone Ø (m)	0.55	0.70	1.21	2.00
3	E(0°)	434	357	210	81
	Cone Ø (m)	0.82	1.05	1.81	3.00
4	E(0°)	244	201	118	46
	Cone Ø (m)	1.10	1.40	2.42	4.01
5	E(0°)	156	129	76	29
	Cone Ø (m)	1.37	1.75	3.02	5.01

Correction Factor: 35P CS - f = 1.00
 50N CS - f = 0.94

ELR LED Module				35P	50N
LED Power				8W	7.5W
System Power				11W	10W
Luminous Flux (lm)	Type	Beam Angle	CRI		
	ComfySHIFT (3100K)	10°	ProART Ra-95	544	512
				655	616
		20°		663	624
				595	560

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

ECLIPSE 3 PRO SL 65

PHOTOMETRICS

50 PRO WARM DIM

Height (m)	E(0°)	Emax (lx)				ELR LED Module														
		10°	20°	35°	60°	50P	35P	50N	35N	COIN										
1	E(0°)	6608	5439	3199	1237	LED Power														
	Cone Ø (m)	0.27	0.35	0.58	1.05	System Power														
2	E(0°)	1652	1360	800	309	Luminous Flux (lm)	Type	Beam Angle	CRI	ProART Ra-95	819	544	512	378	307					
	Cone Ø (m)	0.54	0.69	1.17	2.11															
3	E(0°)	734	604	355	137											986	655	616	454	370
	Cone Ø (m)	0.81	1.04	1.75	3.16											998	663	624	460	374
4	E(0°)	413	340	200	77											896	595	560	413	336
	Cone Ø (m)	1.08	1.38	2.34	4.22	Data are based on maximum output at 3100K.														
5	E(0°)	264	218	128	49	Nominal CRI-95, equals to Ra>90-97, R9>50														
	Cone Ø (m)	1.35	1.73	2.92	5.27															

Correction Factor: 50P WD - f = 1.00
 35P WD - f = 0.66
 50N WD - f = 0.63
 35N WD - f = 0.46
 COIN WD - f = 0.38

50 PRO tuneWHITE/flexiK

Height (m)	E(0°)	Emax (lx)			ELR LED Module										
		20°	35°	60°	50P	50N	COIN								
1	E(0°)	3784	2225	860	LED Power			12W	7.5W	4.5W					
	Cone Ø (m)	0.35	0.60	1.00	System Power			15.2W	10W	6W					
2	E(0°)	946	556	215	Luminous Flux (lm)	Type	Beam Angle	CRI	ProART Ra-95	770	462	277			
	Cone Ø (m)	0.70	1.21	2.00											
3	E(0°)	420	247	96									780	468	281
	Cone Ø (m)	1.05	1.81	3.00									700	420	252
4	E(0°)	237	139	54									Data are based on maximum output at highest CCT (4000K / 6500K).		
	Cone Ø (m)	1.40	2.42	4.01	2700K will have a nominal data value of 10% lower than published. (f = 0.90)										
5	E(0°)	151	89	34	1900K will have a nominal data value of 30% lower than published. (f = 0.70)										
	Cone Ø (m)	1.75	3.02	5.01	Nominal CRI-95, equals to Ra>90-97, R9>50										

Correction Factor: 50P TW / FK - f = 1.00
 50N TW / FK - f = 0.60
 COIN TW / FK - f = 0.38

50 PRO RGBW

Height (m)	E(0°)	Emax (lx)		ELR LED Module									
		35°	60°	50P									
1	E(0°)	1946	521	LED Power			12W						
	Cone Ø (m)	0.60	1.00	System Power			15.2W						
2	E(0°)	337	130	Luminous Flux (lm)	Type	Beam Angle	CRI	N/A	472				
	Cone Ø (m)	1.21	2.00										
3	E(0°)	150	58							424			
	Cone Ø (m)	1.81	3.00							Data are based on maximum output of all 4 RGBW channels.			
4	E(0°)	84	33										
	Cone Ø (m)	2.42	4.01										
5	E(0°)	54	21										
	Cone Ø (m)	3.02	5.01										

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

35 PRO HIGH INTENSITY

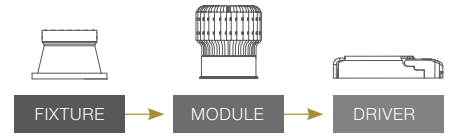
Height (m)	E(0°)	Emax (lx)		ELR LED Module												
		10°		35P-HI	50N-HI	35N-HI	COIN-HI									
1	E(0°)	9879		LED Power												
	Cone Ø (m)	0.19		System Power												
2	E(0°)	2470		Luminous Flux (lm)	Type	Beam Angle	CRI	High Efficiency Ra-85	508	477	350	285				
	Cone Ø (m)	0.37														
3	E(0°)	1098											432	406	298	243
	Cone Ø (m)	0.56											356	334	246	199
4	E(0°)	617											Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K.			
	Cone Ø (m)	0.74		Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)												
5	E(0°)	395		High Efficiency CRI-85 will have a nominal data value of 15% higher than published. (f = 1.17)												
	Cone Ø (m)	0.93		ProART98 CRI-98 will have a nominal data value of 18% lower than published. (f = 0.82)												

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

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

ECLIPSE 3 PRO SL 65

MODULAR CONCEPT



ORDERING MATRIX CHART

Fixture										
Type	Trim Options		Shape		Angle		Colour		Accessories	
ECLIPSE-3PRO-SL-IP65	T	Trim	RD	Round	FX	Fix	WH	Matt White	N	None
			SQ	Square	TL	Tilt	MB	Matt Black	CMB	COIN Module Bracket****
									MR16	MR16 Holder
									GU10	GU10 Holder

****COIN Module Bracket accessory is necessary when paired with COIN LED module variants.

Single CCT LED Module					Driver	
LED Power	Beam Angle		Colour Temp		CRI	Dimming
ELR50PM	21W	10 10°	27 2700K	HE Ra~85	ND	Non-Dim
ELR50CM	17W	20 20°	30 3000K	PA ProART	PH	Phase
ELR50P	12W	35 35°	35 3500K	PP ProART98	AN	0-10V
ELR50C	10W	60 60°	40 4000K		DA	DALI
ELR35P	8W		50 5000K			
ELR50N	7.5W					
ELR35N	5.5W					
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.

Warm Dim LED Module					Driver	
LED Power	Beam Angle		Colour Temp		CRI	Dimming
ELR50P	12W	10 10°	WD Warm Dim	PA ProART	PH	Phase
ELR35P	8W	20 20°			AN	0-10V
ELR50N	7.5W	35 35°			DA	DALI
ELR35N	5.5W	60 60°				
ELRCOIN	4.5W					

tuneWHITE LED Module					Driver	
LED Power	Beam Angle		Colour Temp		CRI	Dimming
ELR50P	12W	20 20°	TW1831 tuneWHITE 1800K-3100K	PA ProART	DA	DALI
ELR50N	7.5W	35 35°	TW1840 tuneWHITE 1800K-4000K			
ELRCOIN	4.5W	60 60°	TW2765 tuneWHITE 2700K-6500K			

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

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

ComfySHIFT LED Module					Driver	
LED Power	Beam Angle		Colour Temp		CRI	Dimming
ELR35P	8W	10 10°	CS ComfySHIFT	PA ProART	ND	Non-Dim
ELR50N	7.5W	20 20°				
		35 35°				
		60 60°				

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

*Drivers for RGBW LED modules are sold separately.

example: ECLIPSE-3PRO-SL-IP65.T.RD.TL.WH.N.ELR35N.20.27.PA.DA

*Custom RAL colour options available.