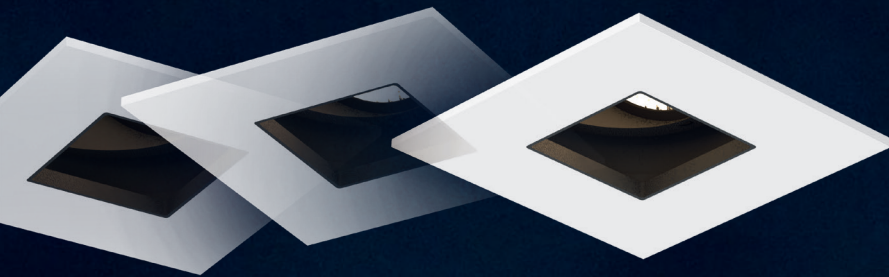


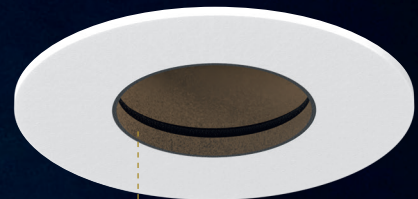
# ECLIPSE PRO

## 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



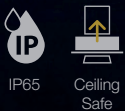
Future proof with upgradeable module

Multiple accessories options



35° Regression Tilt

### Fixture Features



### Module Colour Temperature Variation



### Beam Angle

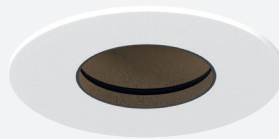


### Driver Dimming Variation



# ECLIPSE 3 PRO

RECESSED ROUND FIX / TILT DOWNLIGHT LUMINAIRE



#ROUND  
#FIX  
#TRIM



#SQUARE  
#TILT  
#TRIM

## 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><b>FIXTURE COLOUR OPTIONS</b></p>	<p>Trim Colour Options</p> <p>MATT WHITE RAL9003      MATT BLACK RAL9011</p> <p>ROUND</p> <p>SQUARE</p>																																																																						
<p><b>ACCESSORIES</b></p> <p><i>*IP54 seal accessory is valid for fix angle fixtures only.</i></p>	<p>  Honeycomb Anti-Glare Louvre              Soft Lens              Linear Spread Lens              Comfort Pro              IP54              MR16 Holder GU10 Holder         </p>																																																																						
<p><b>LED MODULE</b></p> <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>	<p>  50PM/CM              50P/C              35P              50N              35N              COIN              35P-HI              50N-HI              35N-HI              COIN-HI              MR16/GU10         </p> <table border="1"> <thead> <tr> <th></th> <th>10°</th> <th>20°</th> <th>35°</th> <th>60°</th> </tr> </thead> <tbody> <tr> <td> <p>SINGLE CCT</p>  2700K                              3000K                              3500K                              4000K                              5000K                              ProART                              ProART98                         </td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>50PM / 50CM / 50P / 50C / 35P / 50N / 35N / COIN</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>35P-HI / 50N-HI / 35N-HI / COIN-HI</td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ComfySHIFT</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>ComfySHIFT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>WARM DIM</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>WARM DIM</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>tuneWHITE</td> <td></td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>tuneWHITE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>flexiK</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>flexiK</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>RGBW</td> <td></td> <td></td> <td>✓</td> <td>✓</td> </tr> <tr> <td>RGBW</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		10°	20°	35°	60°	<p>SINGLE CCT</p>  2700K  3000K  3500K  4000K  5000K  ProART  ProART98	✓	✓	✓	✓	50PM / 50CM / 50P / 50C / 35P / 50N / 35N / COIN					35P-HI / 50N-HI / 35N-HI / COIN-HI	✓				ComfySHIFT	✓	✓	✓	✓	ComfySHIFT					WARM DIM	✓	✓	✓	✓	WARM DIM					tuneWHITE		✓	✓	✓	tuneWHITE					flexiK					flexiK					RGBW			✓	✓	RGBW				
	10°	20°	35°	60°																																																																			
<p>SINGLE CCT</p>  2700K  3000K  3500K  4000K  5000K  ProART  ProART98	✓	✓	✓	✓																																																																			
50PM / 50CM / 50P / 50C / 35P / 50N / 35N / COIN																																																																							
35P-HI / 50N-HI / 35N-HI / COIN-HI	✓																																																																						
ComfySHIFT	✓	✓	✓	✓																																																																			
ComfySHIFT																																																																							
WARM DIM	✓	✓	✓	✓																																																																			
WARM DIM																																																																							
tuneWHITE		✓	✓	✓																																																																			
tuneWHITE																																																																							
flexiK																																																																							
flexiK																																																																							
RGBW			✓	✓																																																																			
RGBW																																																																							
<p><b>DRIVER DIMMING</b></p>	<p>  (ND)              (PH)              (AN)              (DA)         </p>																																																																						

# ECLIPSE 3 PRO

#ROUND  
#SQUARE  
#FIX  
#TILT  
#TRIM

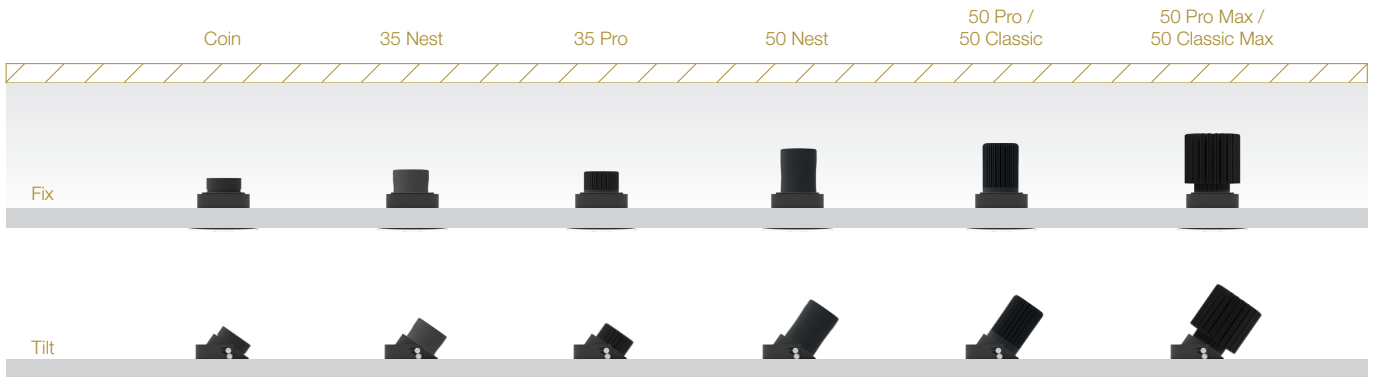
## SPECIFICATIONS

### FIXTURE

Family Type	Eclipse Pro series
Fixture Colours	Matt white, matt black
Fixture Materials	Aluminium
Accessories	Honeycomb anti-glare louvre, soft lens, linear spread lens, Comfort Pro, IP54 seal
Ingress Protection	IP40, IP54

### 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	

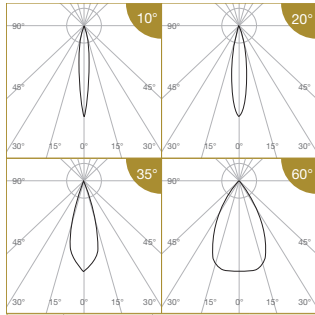
Height increase with accessories:  
 Anti-Glare Louvre : Height +6  
 Soft Lens : Height +3  
 Linear Spread Lens : Height +3  
 Comfort Pro : Height +20

(refer to module driver dimensions)

# ECLIPSE 3 PRO

## PHOTOMETRICS

### 50 PRO



Height (m)	E(0°)	Emax (lx)			
		10°	20°	35°	60°
1	E(0°)	8361	5418	3186	1232
	Cone Ø (m)	0.19	0.35	0.58	1.05
2	E(0°)	2090	1355	797	308
	Cone Ø (m)	0.37	0.69	1.17	2.11
3	E(0°)	929	602	354	137
	Cone Ø (m)	0.56	1.04	1.75	3.16
4	E(0°)	523	339	199	77
	Cone Ø (m)	0.74	1.38	2.34	4.22
5	E(0°)	334	217	127	49
	Cone Ø (m)	0.93	1.73	2.92	5.27

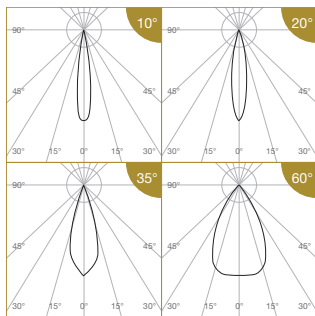
Correction Factor:  
 50P (10°) - f = 1.00  
 50C (10°) - f = 0.78  
 35P (10°) - f = 0.62  
 50N (10°) - f = 0.58  
 35N (10°) - f = 0.42  
 COIN (10°) - f = 0.35  
 50PM (10°) - f = 1.69  
 50CM (10°) - f = 1.37  
 50P-24CV (10°) - f = 0.75  
 50C-24CV (10°) - f = 0.62  
 35P-24CV (10°) - f = 0.49  
 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	962	755	599	555	407	333	1628	1317
						ProART Ra-95	818	642	510	472	346	283	1384	1120
	ProART98 Ra-98	673	528			420	389	285	233	1140	922			
	20°	High Efficiency Ra-85	1305			1044	931	827	609	496	2262	1827		
		ProART Ra-95	1109			887	792	703	518	422	1923	1553		
		ProART98 Ra-98	914			731	652	579	426	347	1583	1279		
	35°	High Efficiency Ra-85	1320		1056	942	836	616	502	2288	1848			
		ProART Ra-95	1122		898	801	711	524	427	1945	1571			
		ProART98 Ra-98	924		739	659	585	431	351	1602	1294			
	60°	High Efficiency Ra-85	1230		984	877	779	574	467	2132	1722			
		ProART Ra-95	1046		836	746	663	488	398	1812	1464			
		ProART98 Ra-98	861		689	614	545	402	327	1492	1205			
Input Power (24CV)				12W	10W	8W			4.5W					
Luminous Flux (lm)	Type	Beam Angle	CRI	24CV Single CCT (3000K)	10°	High Efficiency Ra-85	718	592	466			274		
						ProART Ra-95	611	503	397			233		
	ProART98 Ra-98	502	414			326			192					
	20°	High Efficiency Ra-85	914			748	644			357				
		ProART Ra-95	777			636	547			304				
		ProART98 Ra-98	639			524	451			250				
	35°	High Efficiency Ra-85	924		757	651			361					
		ProART Ra-95	786		643	554			307					
		ProART98 Ra-98	647		530	456			253					
	60°	High Efficiency Ra-85	861		705	607			336					
		ProART Ra-95	732		599	516			286					
		ProART98 Ra-98	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 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°)	Emax (lx)			
		10°	20°	35°	60°
1	E(0°)	4388	3612	2124	821
	Cone Ø (m)	0.27	0.35	0.58	1.05
2	E(0°)	1097	903	531	205
	Cone Ø (m)	0.54	0.69	1.17	2.11
3	E(0°)	488	401	236	91
	Cone Ø (m)	0.81	1.04	1.75	3.16
4	E(0°)	274	226	133	51
	Cone Ø (m)	1.08	1.38	2.34	4.22
5	E(0°)	176	144	85	33
	Cone Ø (m)	1.35	1.73	2.92	5.27

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)	ProART Ra-95
	20°	740	696		
	35°	748	704		
	60°	697	656		

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

# ECLIPSE 3 PRO

## 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	50P	35P	50N	35N	COIN							
	Cone Ø (m)	0.54	0.69	1.17	2.11										Warm Dim (3100K)	10°	ProART Ra-95	934	621	584	431
E(0°)	734	604	355	137	1114													740	696	513	418
Cone Ø (m)	0.81	1.04	1.75	3.16	1126													748	704	519	422
E(0°)	413	340	200	77	1050													697	656	484	394
3	E(0°)	413	340	200	77	LED Power															
	Cone Ø (m)	1.08	1.38	2.34	4.22	System Power															
4	E(0°)	264	218	128	49	LED Power															
	Cone Ø (m)	1.35	1.73	2.92	5.27	System Power															
5	E(0°)	264	218	128	49	LED Power															
	Cone Ø (m)	1.35	1.73	2.92	5.27	System Power															

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

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

### 50 PRO tuneWHITE/flexiK

Height (m)	E(0°)	Emax (lx)			ELR LED Module											
		20°	35°	60°	50P	50N	COIN									
1	E(0°)	4249	2499	966	LED Power											
	Cone Ø (m)	0.35	0.58	1.05	System Power											
2	E(0°)	1062	625	242	Luminous Flux (lm)	Type	Beam Angle	CRI	50P	50N	COIN					
	Cone Ø (m)	0.69	1.17	2.11								tuneWHITE / flexiK (4000K / 6500K)	20°	ProART Ra-95	870	522
E(0°)	472	278	107	880											528	317
Cone Ø (m)	1.04	1.75	3.16	820											492	295
E(0°)	266	156	60	LED Power												
3	E(0°)	266	156	60	System Power											
	Cone Ø (m)	1.38	2.34	4.22	LED Power											
4	E(0°)	170	100	39	System Power											
	Cone Ø (m)	1.73	2.92	5.27	LED Power											
5	E(0°)	170	100	39	System Power											
	Cone Ø (m)	1.73	2.92	5.27	LED Power											

Correction Factor: 50P TW / FK - f = 1.00  
50N TW / FK - f = 0.60  
COIN TW / FK - f = 0.36

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

### 50 PRO RGBW

Height (m)	E(0°)	Emax (lx)		ELR LED Module									
		35°	60°	50P									
1	E(0°)	1512	585	LED Power									
	Cone Ø (m)	0.58	1.05	System Power									
2	E(0°)	378	146	LED Power									
	Cone Ø (m)	1.17	2.11	System Power									
3	E(0°)	168	65	Luminous Flux (lm)	Type	Beam Angle	CRI	50P					
	Cone Ø (m)	1.75	3.16						RGBW	35°	N/A	532	
E(0°)	94	37	60°									N/A	496
Cone Ø (m)	2.34	4.22											
E(0°)	60	23											
4	E(0°)	60	23	LED Power									
	Cone Ø (m)	2.92	5.27	System Power									
5	E(0°)	60	23	LED Power									
	Cone Ø (m)	2.92	5.27	System Power									

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°	10°	35P-HI	50N-HI	35N-HI	COIN-HI																
1	E(0°)	10417	10417	LED Power																			
	Cone Ø (m)	0.19	0.19	System Power																			
2	E(0°)	2604	2604	Luminous Flux (lm)	Type	Beam Angle	CRI	35P-HI	50N-HI	35N-HI	COIN-HI												
	Cone Ø (m)	0.37	0.37									Single CCT (3000K)	10°	High Efficiency Ra-85	568	533	391	318					
E(0°)	1157	1157	ProART Ra-95												482	453	333	271					
Cone Ø (m)	0.56	0.56																	ProART98 Ra-98	397	373	274	223
E(0°)	651	651																					
3	E(0°)	651	651	LED Power																			
	Cone Ø (m)	0.74	0.74	System Power																			
4	E(0°)	417	417	LED Power																			
	Cone Ø (m)	0.93	0.93	System Power																			
5	E(0°)	417	417	LED Power																			
	Cone Ø (m)	0.93	0.93	System Power																			

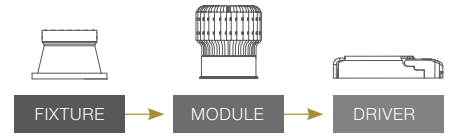
Correction Factor: 35P-HI - f = 1.00  
50N-HI - f = 0.94  
35N-HI - f = 0.69  
COIN-HI - f = 0.56

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



# ECLIPSE 3 PRO

MODULAR CONCEPT



## ORDERING MATRIX CHART

Fixture										
Type	Trim Options		Shape		Angle		Colour		Accessories	
<b>ECLIPSE-3PRO</b>	<b>T</b>	Trim	<b>RD</b>	Round	<b>FX</b>	Fix	<b>WH</b>	Matt White	<b>N</b>	None
			<b>SQ</b>	Square	<b>TL</b>	Tilt	<b>MB</b>	Matt Black	<b>AGL</b>	Anti-Glare Louvre
									<b>SL</b>	Soft Lens
									<b>LSL</b>	Linear Spread Lens
								<b>CP</b>	Comfort Pro	
								<b>IP</b>	IP54**	
								<b>CMB</b>	COIN Module Bracket****	
								<b>MR16</b>	MR16 Holder	
								<b>GU10</b>	GU10 Holder	

\*\*IP54 seal accessory is valid for fix angle fixtures only.

\*\*\*\*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
<b>ELR50PM</b>	21W	10°	27	2700K	<b>HE</b> Ra~85	<b>ND</b> Non-Dim
<b>ELR50CM</b>	17W	20°	30	3000K	<b>PA</b> ProART	<b>PH</b> Phase
<b>ELR50P</b>	12W	35°	35	3500K	<b>PP</b> ProART98	<b>AN</b> 0-10V
<b>ELR50C</b>	10W	60°	40	4000K		<b>DA</b> DALI
<b>ELR35P</b>	8W		50	5000K		
<b>ELR50N</b>	7.5W					
<b>ELR35N</b>	5.5W					
<b>ELRCOIN</b>	4.5W					
<b>ELR35P-HI</b>	8W	<b>NS</b> 10°	27	2700K	<b>HE</b> Ra~85	<b>ND</b> Non-Dim
<b>ELR50N-HI</b>	7.5W		30	3000K	<b>PA</b> ProART	<b>PH</b> Phase
<b>ELR35N-HI</b>	5.5W		35	3500K	<b>PP</b> ProART98	<b>AN</b> 0-10V
<b>ELRCOIN-HI</b>	4.5W		40	4000K		<b>DA</b> DALI
			50	5000K		
<b>ELR50P-24CV</b>	12W	10°	27	2700K	<b>HE</b> Ra~85	
<b>ELR50C-24CV</b>	10W	20°	30	3000K	<b>PA</b> ProART	
<b>ELR35P-24CV</b>	8W	35°	35	3500K	<b>PP</b> ProART98	
<b>ELRCOIN-24CV</b>	4.5W	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
<b>ELR50P</b>	12W	10°	<b>WD</b> Warm Dim	<b>PA</b> ProART	<b>PH</b> Phase	
<b>ELR35P</b>	8W	20°			<b>AN</b> 0-10V	
<b>ELR50N</b>	7.5W	35°			<b>DA</b> DALI	
<b>ELR35N</b>	5.5W	60°				
<b>ELRCOIN</b>	4.5W					

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

flexiK LED Module					Driver	
LED Power	Beam Angle		Colour Temp		CRI	Dimming
<b>ELR50P</b>	12W	20°	<b>FK##</b> flexiK	<b>PA</b> ProART	<b>PH</b> Phase	
<b>ELR50N</b>	7.5W	35°			<b>AN</b> 0-10V	
<b>ELRCOIN</b>	4.5W	60°			<b>DA</b> 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
<b>ELR35P</b>	8W	10°	<b>CS</b> ComfySHIFT	<b>PA</b> ProART	<b>ND</b> Non-Dim	
<b>ELR50N</b>	7.5W	20°				
		35°				
		60°				

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

\*Drivers for RGBW LED modules are sold separately.

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

\*Custom RAL colour options available.