



Mirai
Design: Corvin Cristian

A spectacularly simple idea with complex sustainability benefits.

Mirai solves the two fundamental needs in contemporary workplace design: it brings light and nature at once.

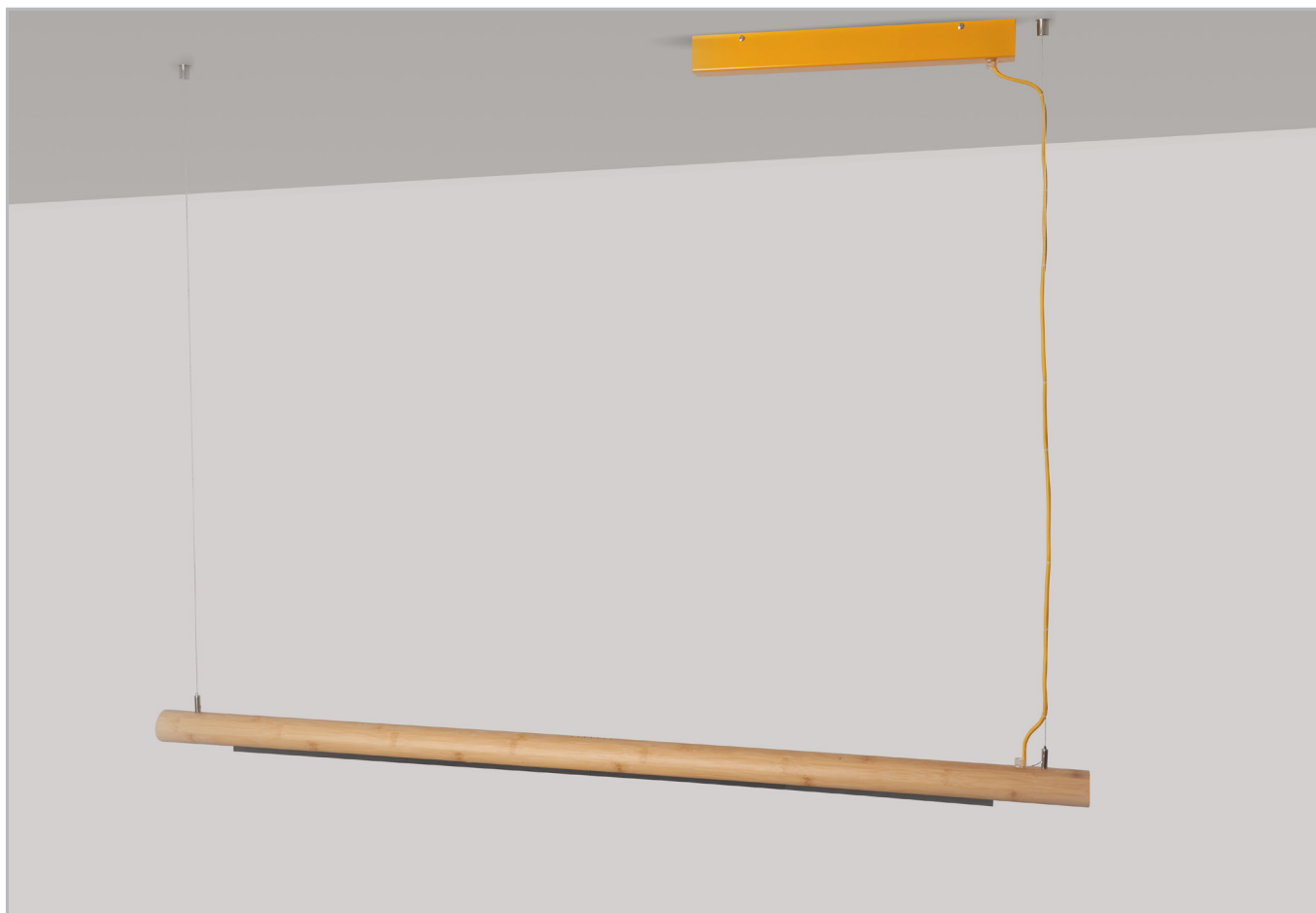
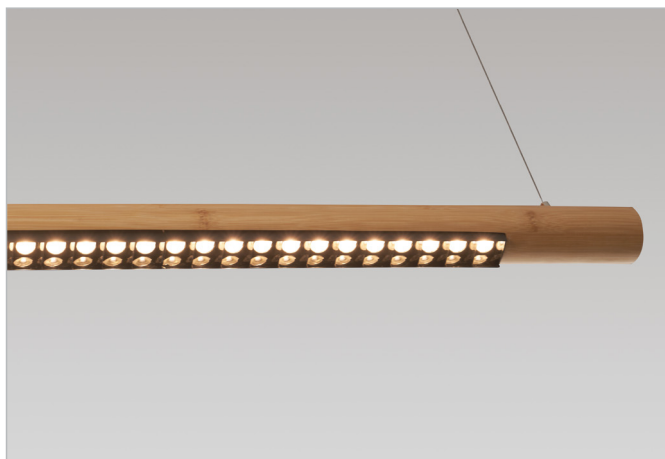
Mirai hosts hi-performance optics inside the slick bamboo trunk which is 100 % natural and recyclable, from sustainable crops.

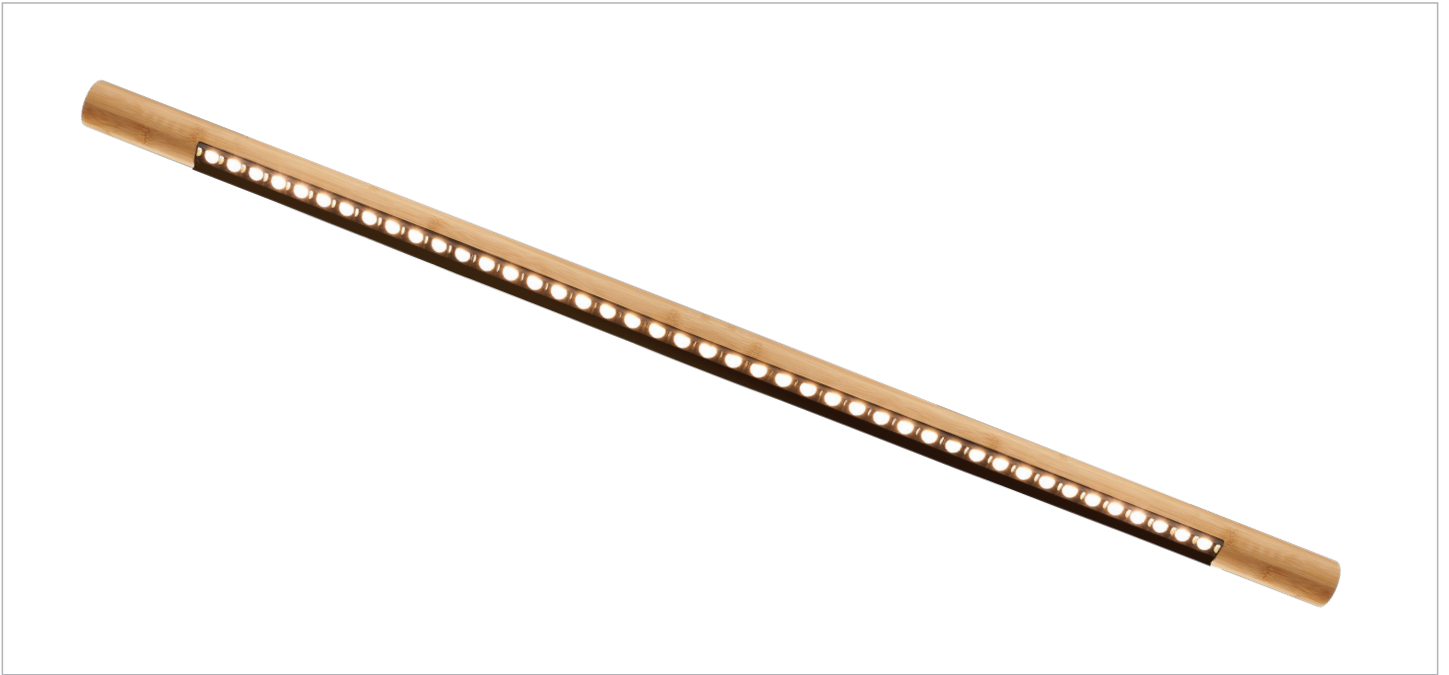
The recessed narrow angle LED spotlights allow for visual comfort through control over light spill and screen glare.

Mirai is subtle, elegant and playful, futuristic and traditional at the same time..

Mirai means “future” in Japanese, as nature oriented and sustainable solutions are the mandatory approach for the future.

In Asian cultures, because of its rapid growth, bamboo is the symbol of prosperity and success.





Mirai

SUSPENDED | NON-DALI SERIES

Mirai is a cylindrical luminaire made of natural bamboo trunk accomplished with particular attention to detail and finishes.

This sleek luminaire is exclusive, designed for premium lighting of offices, meeting-rooms, HORECA and other design projects.

It is available in standard length of 1400 mm and it has embedded, in its lower part, an optic system that provides the "dark light" concept equipped with the latest LED technologies.

- [Mirai Non-DALI: the standard version](#)
- Mirai DALI: with DALI controls for illumination adjustments

APPLICATION

Office | Healthcare | HORECA | DIY

FEATURES & BENEFITS

- CRI 80 as standard
- Color temperatures: 2200K, 2700K, 3000K, 4000K
- Long rated life: L90/B10@50.000h
- Luminaire efficiency 126 lm/W@4000K
- Dimmable



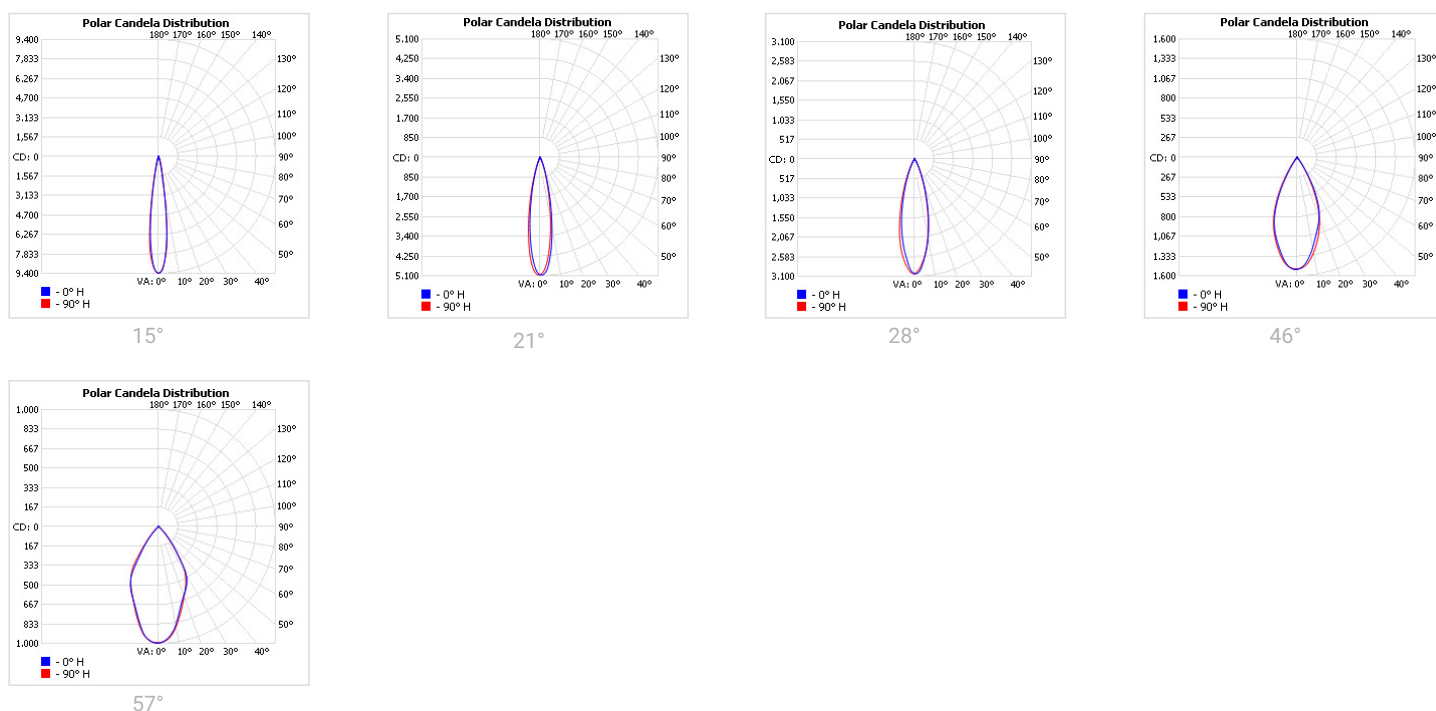
SPECIFICATIONS

Power consumption	19W, 22W, 26W, 30W
Dimensions	Ø 50 x 1400mm ± 1mm
Weight	3 Kg
Housing materials	Bamboo & Aluminum & PC
Driver case color	● Grey, ● Yellow
IK code	IK02
THD (at 230V, 50Hz, Full load)	<9%
Protection class	Safety class 1
Operating temperature [°C]	+5C...+45C/+41F...+113F
Operating humidity [%]	10 ÷ 85
Power factor	≥0.95
AC Input [Vac]	220 - 240 Vac
Lens angle [°]	15°, 21°, 28°, 46°, 57°
Lifespan [h]	50.000
Housing color	Natural wood
Lumen maintenance	L90/B10@50.000h at 25°C
IP factor	IP20
Control optional	-
Warranty [years]	5
Storage temperature range [°C]	+5C...+45C/+41F...+113F
Emergency option	-
Efficiency@3000K	126 lm/W

Light application	Standard
CRI	CRI 80
CCT [K]	2200K, 2700K, 3000K, 4000K
MacAdam	4

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

LIGHT DISTRIBUTION



TOLERANCES**Luminous flux tolerances:** -/+ 5%**Consumption tolerance:** -/+ 5% for Non-DALI | -/+ 10% for Non-DALI & KIT EM | -/+ 10% for DALI | -/+ 15% for DALI & KIT EM**BATTERY WARRANTY****Non-DALI EM & DALI EM:** 12 months warranty**Non-DALI & DALI:** -**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

Control type	Circuit Breaker Type					
	B			C		
	20	16	10	20	16	10
Non-DALI	38	30	19	62	51	31
DALI	27	22	13	45	36	21

RISK GROUP**RG1**

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
1D5000 Mirai 140S/2200/19W/80/A15	Ø 50 x 1400mm ±1mm	2200	1690	19W	89	15°
1D5001 Mirai 140S/2700/19W/80/A15	Ø 50 x 1400mm ±1mm	2700	2195	19W	116	15°
1D5002 Mirai 140S/3000/19W/80/A15	Ø 50 x 1400mm ±1mm	3000	2355	19W	124	15°
1D5003 Mirai 140S/4000/19W/80/A15	Ø 50 x 1400mm ±1mm	4000	2355	19W	124	15°
1D5004 Mirai 140S/2200/19W/80/A21	Ø 50 x 1400mm ±1mm	2200	1710	19W	90	21°
1D5005 Mirai 140S/2700/19W/80/A21	Ø 50 x 1400mm ±1mm	2700	2215	19W	117	21°
1D5006 Mirai 140S/3000/19W/80/A21	Ø 50 x 1400mm ±1mm	3000	2375	19W	125	21°
1D5007 Mirai 140S/4000/19W/80/A21	Ø 50 x 1400mm ±1mm	4000	2375	19W	125	21°
1D5008 Mirai 140S/2200/19W/80/A28	Ø 50 x 1400mm ±1mm	2200	1640	19W	87	28°
1D5009 Mirai 140S/2700/19W/80/A28	Ø 50 x 1400mm ±1mm	2700	2130	19W	113	28°
1D5010 Mirai 140S/3000/19W/80/A28	Ø 50 x 1400mm ±1mm	3000	2285	19W	121	28°
1D5011 Mirai 140S/4000/19W/80/A28	Ø 50 x 1400mm ±1mm	4000	2285	19W	121	28°
1D5012 Mirai 140S/2200/19W/80/A46	Ø 50 x 1400mm ±1mm	2200	1675	19W	89	46°
1D5013 Mirai 140S/2700/19W/80/A46	Ø 50 x 1400mm ±1mm	2700	2175	19W	115	46°
1D5014 Mirai 140S/3000/19W/80/A46	Ø 50 x 1400mm ±1mm	3000	2330	19W	123	46°
1D5015 Mirai 140S/4000/19W/80/A46	Ø 50 x 1400mm ±1mm	4000	2330	19W	123	46°
1D5016 Mirai 140S/2200/19W/80/A57	Ø 50 x 1400mm ±1mm	2200	1610	19W	85	57°
1D5017 Mirai 140S/2700/19W/80/A57	Ø 50 x 1400mm ±1mm	2700	2085	19W	110	57°
1D5018 Mirai 140S/3000/19W/80/A57	Ø 50 x 1400mm ±1mm	3000	2235	19W	118	57°
1D5019 Mirai 140S/4000/19W/80/A57	Ø 50 x 1400mm ±1mm	4000	2235	19W	118	57°
1D5020 Mirai 140S/2200/22W/80/A15	Ø 50 x 1400mm ±1mm	2200	1965	22W	90	15°
1D5021 Mirai 140S/2700/22W/80/A15	Ø 50 x 1400mm ±1mm	2700	2550	22W	116	15°
1D5022 Mirai 140S/3000/22W/80/A15	Ø 50 x 1400mm ±1mm	3000	2735	22W	125	15°
1D5023 Mirai 140S/4000/22W/80/A15	Ø 50 x 1400mm ±1mm	4000	2735	22W	125	15°
1D5024 Mirai 140S/2200/22W/80/A21	Ø 50 x 1400mm ±1mm	2200	1985	22W	91	21°
1D5025 Mirai 140S/2700/22W/80/A21	Ø 50 x 1400mm ±1mm	2700	2575	22W	118	21°
1D5026 Mirai 140S/3000/22W/80/A21	Ø 50 x 1400mm ±1mm	3000	2760	22W	126	21°
1D5027 Mirai 140S/4000/22W/80/A21	Ø 50 x 1400mm ±1mm	4000	2760	22W	126	21°
1D5028 Mirai 140S/2200/22W/80/A28	Ø 50 x 1400mm ±1mm	2200	1905	22W	87	28°
1D5029 Mirai 140S/2700/22W/80/A28	Ø 50 x 1400mm ±1mm	2700	2475	22W	113	28°
1D5030 Mirai 140S/3000/22W/80/A28	Ø 50 x 1400mm ±1mm	3000	2655	22W	121	28°
1D5031 Mirai 140S/4000/22W/80/A28	Ø 50 x 1400mm ±1mm	4000	2655	22W	121	28°
1D5032 Mirai 140S/2200/22W/80/A46	Ø 50 x 1400mm ±1mm	2200	1945	22W	89	46°
1D5033 Mirai 140S/2700/22W/80/A46	Ø 50 x 1400mm ±1mm	2700	2525	22W	115	46°
1D5034 Mirai 140S/3000/22W/80/A46	Ø 50 x 1400mm ±1mm	3000	2705	22W	123	46°
1D5035 Mirai 140S/4000/22W/80/A46	Ø 50 x 1400mm ±1mm	4000	2705	22W	123	46°
1D5036 Mirai 140S/2200/22W/80/A57	Ø 50 x 1400mm ±1mm	2200	1870	22W	85	57°
1D5037 Mirai 140S/2700/22W/80/A57	Ø 50 x 1400mm ±1mm	2700	2425	22W	111	57°
1D5038 Mirai 140S/3000/22W/80/A57	Ø 50 x 1400mm ±1mm	3000	2600	22W	119	57°
1D5039 Mirai 140S/4000/22W/80/A57	Ø 50 x 1400mm ±1mm	4000	2600	22W	119	57°
1D5040 Mirai 140S/2200/26W/80/A15	Ø 50 x 1400mm ±1mm	2200	2235	26W	86	15°
1D5041 Mirai 140S/2700/26W/80/A15	Ø 50 x 1400mm ±1mm	2700	2900	26W	112	15°
1D5042 Mirai 140S/3000/26W/80/A15	Ø 50 x 1400mm ±1mm	3000	3110	26W	120	15°
1D5043 Mirai 140S/4000/26W/80/A15	Ø 50 x 1400mm ±1mm	4000	3110	26W	120	15°
1D5044 Mirai 140S/2200/26W/80/A21	Ø 50 x 1400mm ±1mm	2200	2255	26W	87	21°
1D5045 Mirai 140S/2700/26W/80/A21	Ø 50 x 1400mm ±1mm	2700	2930	26W	113	21°
1D5046 Mirai 140S/3000/26W/80/A21	Ø 50 x 1400mm ±1mm	3000	3140	26W	121	21°
1D5047 Mirai 140S/4000/26W/80/A21	Ø 50 x 1400mm ±1mm	4000	3140	26W	121	21°
1D5048 Mirai 140S/2200/26W/80/A28	Ø 50 x 1400mm ±1mm	2200	2170	26W	84	28°
1D5049 Mirai 140S/2700/26W/80/A28	Ø 50 x 1400mm ±1mm	2700	2815	26W	109	28°

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
1D5050 Mirai 140S/3000/26W/80/A28	Ø 50 x 1400mm ±1mm	3000	3020	26W	117	28°
1D5051 Mirai 140S/4000/26W/80/A28	Ø 50 x 1400mm ±1mm	4000	3020	26W	117	28°
1D5052 Mirai 140S/2200/26W/80/A46	Ø 50 x 1400mm ±1mm	2200	2215	26W	86	46°
1D5053 Mirai 140S/2700/26W/80/A46	Ø 50 x 1400mm ±1mm	2700	2870	26W	111	46°
1D5054 Mirai 140S/3000/26W/80/A46	Ø 50 x 1400mm ±1mm	3000	3080	26W	119	46°
1D5055 Mirai 140S/4000/26W/80/A46	Ø 50 x 1400mm ±1mm	4000	3080	26W	119	46°
1D5056 Mirai 140S/2200/26W/80/A57	Ø 50 x 1400mm ±1mm	2200	2125	26W	82	57°
1D5057 Mirai 140S/2700/26W/80/A57	Ø 50 x 1400mm ±1mm	2700	2755	26W	106	57°
1D5058 Mirai 140S/3000/26W/80/A57	Ø 50 x 1400mm ±1mm	3000	2955	26W	114	57°
1D5059 Mirai 140S/4000/26W/80/A57	Ø 50 x 1400mm ±1mm	4000	2955	26W	114	57°
1D5060 Mirai 140S/2200/30W/80/A15	Ø 50 x 1400mm ±1mm	2200	2595	30W	90	15°
1D5061 Mirai 140S/2700/30W/80/A15	Ø 50 x 1400mm ±1mm	2700	3365	30W	117	15°
1D5062 Mirai 140S/3000/30W/80/A15	Ø 50 x 1400mm ±1mm	3000	3610	30W	125	15°
1D5063 Mirai 140S/4000/30W/80/A15	Ø 50 x 1400mm ±1mm	4000	3610	30W	125	15°
1D5064 Mirai 140S/2200/30W/80/A21	Ø 50 x 1400mm ±1mm	2200	2620	30W	91	21°
1D5065 Mirai 140S/2700/30W/80/A21	Ø 50 x 1400mm ±1mm	2700	3400	30W	118	21°
1D5066 Mirai 140S/3000/30W/80/A21	Ø 50 x 1400mm ±1mm	3000	3645	30W	126	21°
1D5067 Mirai 140S/4000/30W/80/A21	Ø 50 x 1400mm ±1mm	4000	3645	30W	126	21°
1D5068 Mirai 140S/2200/30W/80/A28	Ø 50 x 1400mm ±1mm	2200	2515	30W	87	28°
1D5069 Mirai 140S/2700/30W/80/A28	Ø 50 x 1400mm ±1mm	2700	3265	30W	113	28°
1D5070 Mirai 140S/3000/30W/80/A28	Ø 50 x 1400mm ±1mm	3000	3505	30W	121	28°
1D5071 Mirai 140S/4000/30W/80/A28	Ø 50 x 1400mm ±1mm	4000	3505	30W	121	28°
1D5072 Mirai 140S/2200/30W/80/A46	Ø 50 x 1400mm ±1mm	2200	2570	30W	89	46°
1D5073 Mirai 140S/2700/30W/80/A46	Ø 50 x 1400mm ±1mm	2700	3335	30W	115	46°
1D5074 Mirai 140S/3000/30W/80/A46	Ø 50 x 1400mm ±1mm	3000	3575	30W	124	46°
1D5075 Mirai 140S/4000/30W/80/A46	Ø 50 x 1400mm ±1mm	4000	3575	30W	124	46°
1D5076 Mirai 140S/2200/30W/80/A57	Ø 50 x 1400mm ±1mm	2200	2465	30W	85	57°
1D5077 Mirai 140S/2700/30W/80/A57	Ø 50 x 1400mm ±1mm	2700	3200	30W	111	57°
1D5078 Mirai 140S/3000/30W/80/A57	Ø 50 x 1400mm ±1mm	3000	3430	30W	119	57°
1D5079 Mirai 140S/4000/30W/80/A57	Ø 50 x 1400mm ±1mm	4000	3430	30W	119	57°