



Maxos LED Industry 4MX400 panel inserts for TTX400 – efficiency champion with great payback

Maxos LED inserts for TTX400

Customers in the industrial and retail sectors are looking for general lighting solutions with a justifiable payback, while meeting all relevant norms for supermarkets and industry applications. For a limited investment, Maxos LED inserts for TTX400 offer best-in-class energy savings while delivering high lux levels at the required colour temperatures and glare factors. The minimalistic Maxos LED Industry 4MX400 panel inserts for TTX400 comprise exchangeable mid-power LED boards to be mounted on a standard TTX400 trunking rail. A choice of wide, medium and double asymmetric beam lenses means flexibility in light distribution. Compared with a conventional fluorescent installation, this highly efficient LED solution offers full payback in less than three years. And the benefits keep coming: our upgradable LED engine platform makes Maxos LED Industry 4MX400 panel inserts for TTX400 a truly future-proof solution.

Benefits

- Substantial energy savings for a limited investment
- Comfortable light, long lifetime
- Compatibility with proven TTX400 trunking system

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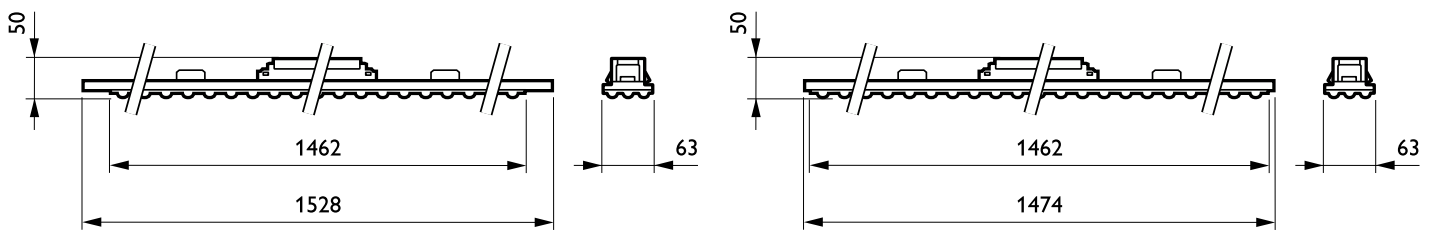
Features

- Mid-power LED boards; exchangeable LED unit
- Up to 165 lm/W efficiency
- LED gear trays for T5 and TL-D-length trunkings (high lumen output); replacement LED gear trays with same lumen packages as installed T5 and TL-D solutions (lower wattage)
- Choice of medium, wide and double asymmetric beam lenses
- Compatible with our standard TTX400 rails for TL5 49 W and TL-D 58 W lengths

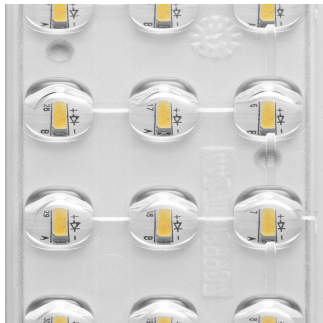
Application

- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers, showrooms

Dimensional drawing



Product details



Maxos LED inserts for TTX400

General Information	
CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	-
Gear	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	Unit
Product family code	4MX400
Light Technical	
Beam angle of light source	120 degree(s)
Optical cover type	Polymethyl methacrylate bowl/cover
Colour rendering index (CRI)	≥80
Number of light sources	1
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Temperature	
Ambient temperature range	-20 to +35 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing Colour	White
Approval and Application	
Protection class IEC	Safety class I
Mech. impact protection code	IK02
Ingress protection code	IP20
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Application Conditions	
Maximum dim level	1%
Suitable for random switching	Not applicable

General Information

Order Code	Full Product Name	Lamp family code
66241899	4MX400 491 LED40S/830 PSD NB WH	LED40S
66242599	4MX400 491 LED40S/830 PSD WB WH	LED40S
66243299	4MX400 491 LED40S/840 PSD NB WH	LED40S
66244999	4MX400 491 LED40S/840 PSD WB WH	LED40S
66245699	4MX400 491 LED55S/830 PSD NB WH	LED55S
66246399	4MX400 491 LED55S/830 PSD WB WH	LED55S
66247099	4MX400 491 LED55S/840 PSD NB WH	LED55S
66248799	4MX400 491 LED55S/840 PSD WB WH	LED55S
66249499	4MX400 581 LED40S/830 PSD NB WH	LED40S
66252499	4MX400 581 LED40S/840 PSD WB WH	LED40S
66255599	4MX400 581 LED55S/840 PSD NB WH	LED55S
66256299	4MX400 581 LED55S/840 PSD WB WH	LED55S
97016499	4MX400 581 LED80S/840 PSD NB WH C-2R	LED80S
66250099	4MX400 581 LED40S/830 PSD WB WH	LED40S
66251799	4MX400 581 LED40S/840 PSD NB WH	LED40S
66253199	4MX400 581 LED55S/830 PSD NB WH	LED55S
66254899	4MX400 581 LED55S/830 PSD WB WH	LED55S
67275299	4MX400 581 LED80S/840 PSD NB WH	LED80S
67280699	4MX400 581 LED80S/840 PSD WB WH	LED80S

Light Technical

Maxos LED inserts for TTX400

Order Code	Full Product Name	Correlated	Luminous	Luminous	Optic
		Colour Temperature	efficacy (rated) (nom.)		
66241899	4MX400 491 LED40S/830 PSD NB WH	3000 K	158 lm/W	3,800 lm	Narrow beam
66242599	4MX400 491 LED40S/830 PSD WB WH	3000 K	158 lm/W	3,800 lm	Wide beam
66243299	4MX400 491 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
66244999	4MX400 491 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam
66245699	4MX400 491 LED55S/830 PSD NB WH	3000 K	160 lm/W	5,200 lm	Narrow beam
66246399	4MX400 491 LED55S/830 PSD WB WH	3000 K	160 lm/W	5,200 lm	Wide beam
66247099	4MX400 491 LED55S/840 PSD NB WH	4000 K	169 lm/W	5,500 lm	Narrow beam
66248799	4MX400 491 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
66249499	4MX400 581 LED40S/830 PSD NB WH	3000 K	158 lm/W	3,800 lm	Narrow beam
66252499	4MX400 581 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam

Order Code	Full Product Name	Correlated	Luminous	Luminous	Optic
		Colour Temperature	efficacy (rated) (nom.)		
66255599	4MX400 581 LED55S/840 PSD NB WH	4000 K	169 lm/W	5,500 lm	Narrow beam
66256299	4MX400 581 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
97016499	4MX400 581 LED80S/840 PSD NB WH C-2R	4000 K	166 lm/W	8,000 lm	Narrow beam
66250099	4MX400 581 LED40S/830 PSD WB WH	3000 K	158 lm/W	3,800 lm	Wide beam
66251799	4MX400 581 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
66253199	4MX400 581 LED55S/830 PSD NB WH	3000 K	160 lm/W	5,200 lm	Narrow beam
66254899	4MX400 581 LED55S/830 PSD WB WH	3000 K	160 lm/W	5,200 lm	Wide beam
67275299	4MX400 581 LED80S/840 PSD NB WH	4000 K	166 lm/W	8,000 lm	Narrow beam
67280699	4MX400 581 LED80S/840 PSD WB WH	4000 K	166 lm/W	8,000 lm	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
66241899	4MX400 491 LED40S/830 PSD NB WH	24 W
66242599	4MX400 491 LED40S/830 PSD WB WH	24 W
66243299	4MX400 491 LED40S/840 PSD NB WH	24 W
66244999	4MX400 491 LED40S/840 PSD WB WH	24 W
66245699	4MX400 491 LED55S/830 PSD NB WH	32.5 W
66246399	4MX400 491 LED55S/830 PSD WB WH	32.5 W
66247099	4MX400 491 LED55S/840 PSD NB WH	32.5 W
66248799	4MX400 491 LED55S/840 PSD WB WH	32.5 W
66249499	4MX400 581 LED40S/830 PSD NB WH	24 W
66252499	4MX400 581 LED40S/840 PSD WB WH	24 W

Order Code	Full Product Name	Power Consumption
66255599	4MX400 581 LED55S/840 PSD NB WH	32.5 W
66256299	4MX400 581 LED55S/840 PSD WB WH	32.5 W
97016499	4MX400 581 LED80S/840 PSD NB WH C-2R	48 W
66250099	4MX400 581 LED40S/830 PSD WB WH	24 W
66251799	4MX400 581 LED40S/840 PSD NB WH	24 W
66253199	4MX400 581 LED55S/830 PSD NB WH	32.5 W
66254899	4MX400 581 LED55S/830 PSD WB WH	32.5 W
67275299	4MX400 581 LED80S/840 PSD NB WH	48 W
67280699	4MX400 581 LED80S/840 PSD WB WH	48 W

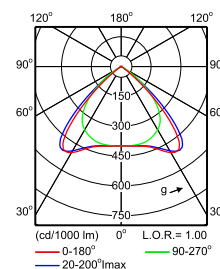
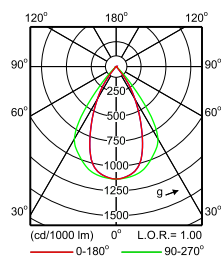
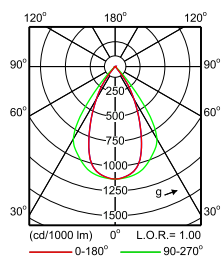
Initial Performance (IEC Compliant)

Maxos LED inserts for TTX400

Order Code	Full Product Name	Initial chromaticity
66241899	4MX400 491 LED40S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
66242599	4MX400 491 LED40S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
66243299	4MX400 491 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66244999	4MX400 491 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66245699	4MX400 491 LED55S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
66246399	4MX400 491 LED55S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
66247099	4MX400 491 LED55S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66248799	4MX400 491 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66249499	4MX400 581 LED40S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
66252499	4MX400 581 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5

Order Code	Full Product Name	Initial chromaticity
66255599	4MX400 581 LED55S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66256299	4MX400 581 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
97016499	4MX400 581 LED80S/840 PSD NB WH C-2R	(0.38, 0.38) SDCM <3.5
66250099	4MX400 581 LED40S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
66251799	4MX400 581 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66253199	4MX400 581 LED55S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
66254899	4MX400 581 LED55S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
67275299	4MX400 581 LED80S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
67280699	4MX400 581 LED80S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5

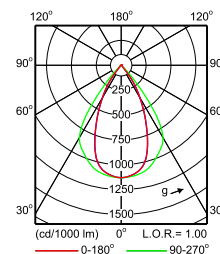
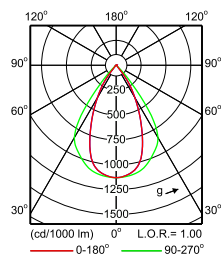
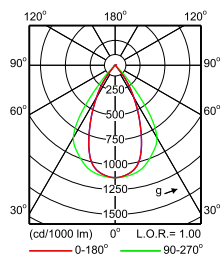
Polar Wide Diagrams



IFPS_4MX400 G3 491 1xLED40S/830 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G3 491 1xLED55S/830 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G3 491 1xLED55S/830 PSD WB-
Polar Normal (separate)



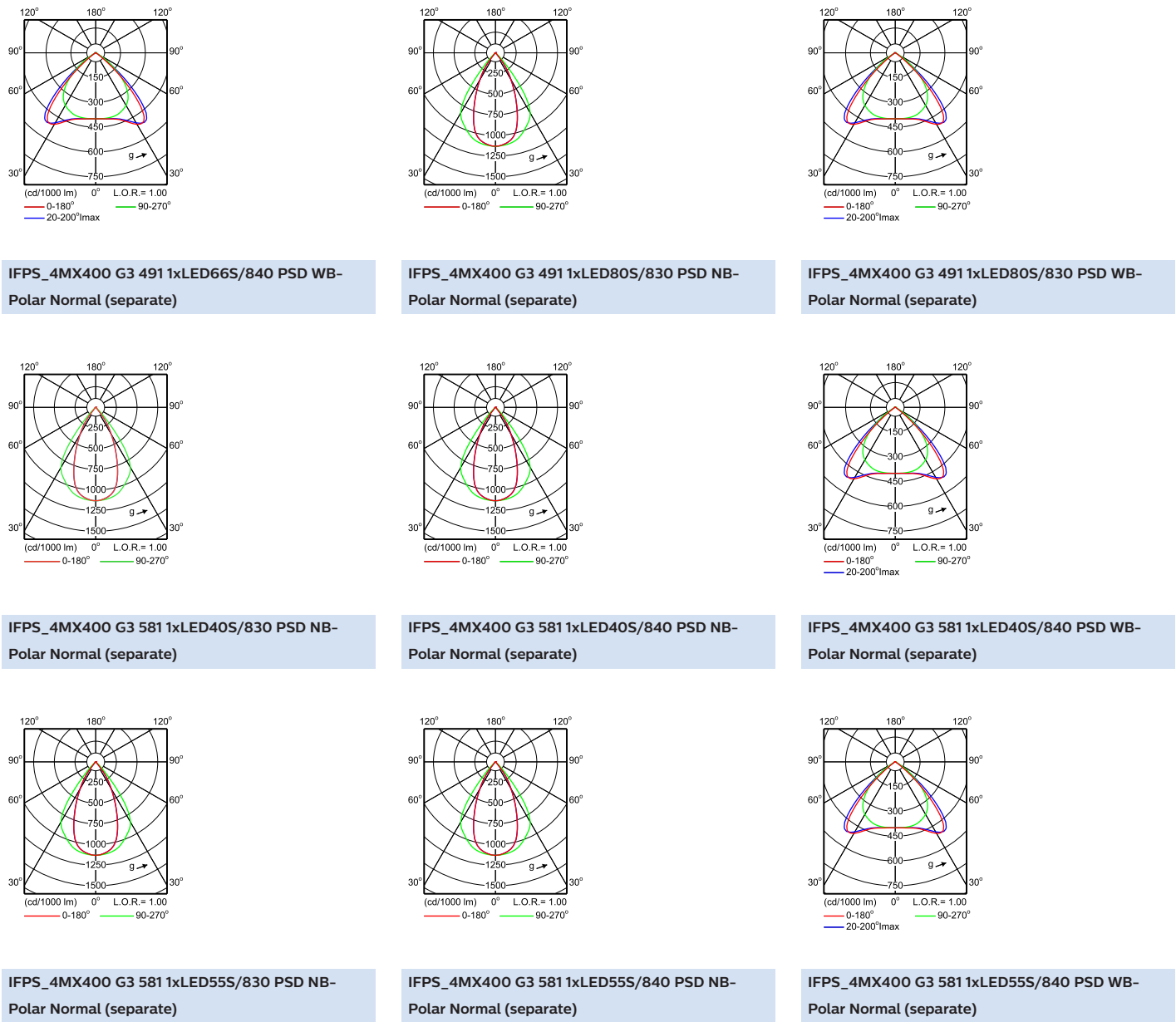
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Polar Normal (separate)

IFPS_4MX400 G3 491 1xLED66S/830 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G3 491 1xLED66S/840 PSD NB-
Polar Normal (separate)

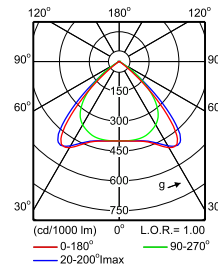
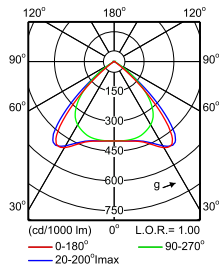
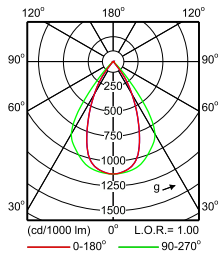
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Polar Wide Diagrams



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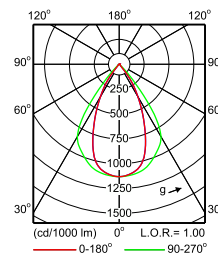
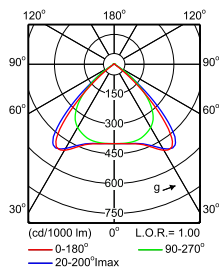
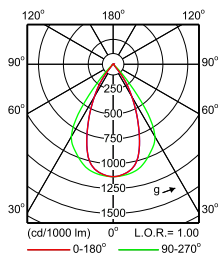
Polar Wide Diagrams



**IFPS_4MX400 G3 581 1xLED66S/830 PSD NB-
Polar Normal (separate)**

**IFPS_4MX400 G3 581 1xLED66S/830 PSD WB-
Polar Normal (separate)**

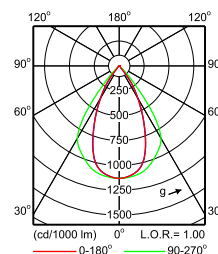
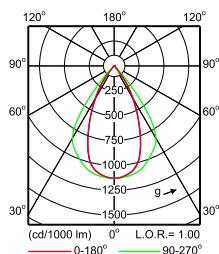
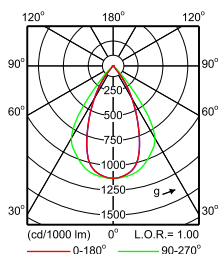
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Polar Normal (separate)**



**IFPS_4MX400 G3 581 1xLED80S/830 PSD NB-
Polar Normal (separate)**

**IFPS_4MX400 G3 581 1xLED80S/830 PSD WB-
Polar Normal (separate)**

**IFPS_4MX400 G3 581 1xLED80S/840 PSD NB-
Polar Normal (separate)**



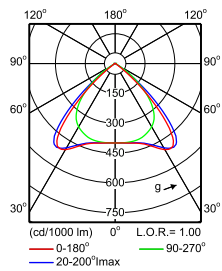
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**IFPS_4MX400 491 1xLED55S/830 PSD NB-
Polar Normal (separate)**

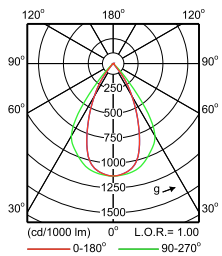
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Polar Normal (separate)**

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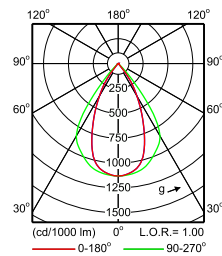
Polar Wide Diagrams



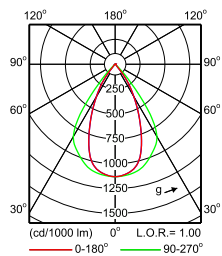
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Polar Normal (separate)



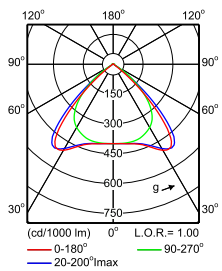
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Polar Normal (separate)



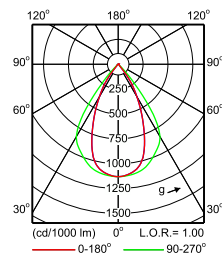
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Polar Normal (separate)



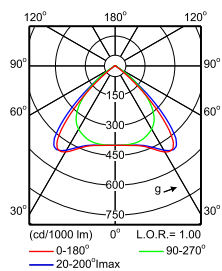
IFPS_4MX400 G2 581 1xLED55S/840 PSD NB-
Polar Normal (separate)



IFPS_4MX400 G2 581 1xLED55S/840 PSD WB-
Polar Normal (separate)



IFPS_4MX400 G2 581 1xLED66S/840 PSD NB-
Polar Normal (separate)



IFPS_4MX400 G2 581 1xLED66S/840 PSD WB-
Polar Normal (separate)

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