



# LuxSpace Accent – energy-saving recessed LED accent spotlight

LuxSpace Accent Round, fixed

With rising energy prices and growing awareness of environmental impact, customers are searching for more energy-efficient alternatives to light spaces and to save on operating costs – without sacrificing light quality, or having to reconfigure their ceilings. LuxSpace Accent features the latest LED technology, resulting in low power consumption comparable to CDM solutions, and delivers consistent light output, stable color performance and high colour rendering. It is available in three versions – fixed, adjustable, elbow – for 150 mm cut-outs. All offer a compact look and feel, and a perfect fit. They are very easy to install, and their long lifetime means an end to the hassle of relamping. In addition to the LuxSpace Accent for accent lighting applications, LuxSpace luminaires are also available for high-flux general lighting applications.

## Benefits

- High lumen package – maximum impact
- High-quality accent light due to dedicated LED reflector system
- Low maintenance costs thanks to long lifetime, and low energy consumption

## Features

- Glare control (reflector optic)
- Good color consistency and high color rendering; extra sparkle
- Extremely long lifetime: more than four times longer than CDM lamps
- Efficacy comparable with CDM and higher than halogen

### Application

- Retail: fashion and food
- Hotels (areas with high ceilings)

### Specifications

• Type	ST520B, fixed round version	• Driver failure rate	1% per 5000 hours
• Ceiling type	Plaster (board) ceiling	• Operating temperature range	+10 <math>T_a</math> <math>< 40^{\circ}\text{C}</math>
• Light source	Non-replaceable LED module	• Driver	Separate
• Power	61 W	• Mains voltage	230 or 240 V / 50-60 Hz
• Beam angle	25°, medium beam (nominal) 36°, wide beam (nominal) 60°, extra wide beam (nominal)	• Material	Optic: plastic with aluminium coating Housing: aluminum, steel Front cover: acrylic
• Luminous flux	3200 (830), 4000 (840) or 2600 lm (930)	• Colour	White (WH), grey (GR) Other RAL colors available on request
• Correlated Colour Temperature	2700, 3000 or 4000 K	• Connection	Push-in connector or with pull relief
• Colour Rendering Index	80 or 90	• Installation	Fixation by means of spring fasteners Through-wiring possible
• Maintenance of lumen output - L70	50,000 hours at 25°C		

### Related products

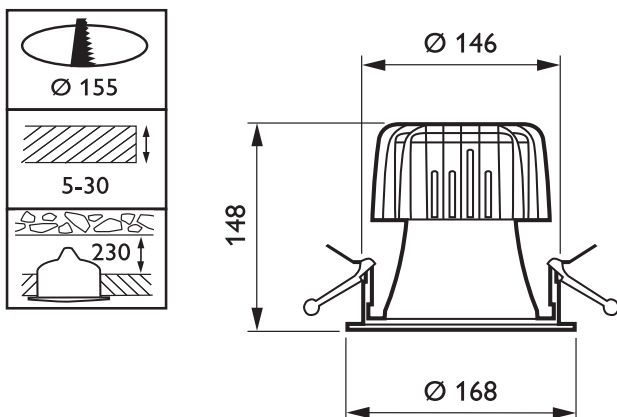


LuxSpace Accent ST520B fixed round spotlight with LED light source

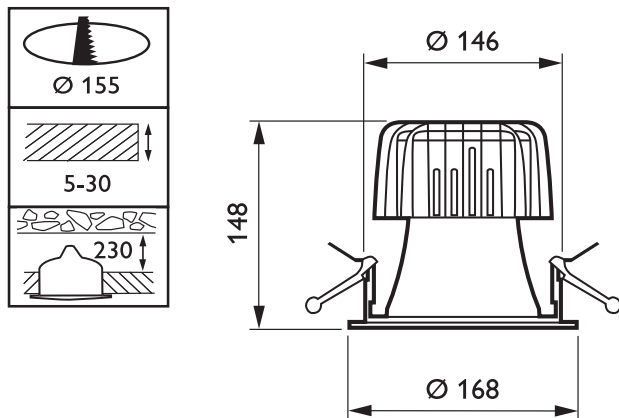


LuxSpace Accent ST520B fixed round spotlight with LED light source

### Dimensional drawing



## Dimensional drawing



ST520B

## Product details



LuxSpace Accent fixed round

## General information (1/3)

Order code	Product family code	Number of lamps	Optics	Lamp family code	Lamp color code	Color	IP code	Safety class	Lighting control unit	Ambient temperature	Flammability mark
095514 00	ST520B	1	25	SLED3200	830	WH	IP44	CLII	No	0 to +45°C	F
095538 00	ST520B	1	36	SLED3200	830	WH	IP44	CLII	No	0 to +45°C	F
095552 00	ST520B	1	60	SLED3200	830	WH	IP44	CLII	No	0 to +45°C	F
095576 00	ST520B	1	25	SLED3200	840	WH	IP44	CLII	No	0 to +45°C	F
095590 00	ST520B	1	36	SLED3200	840	WH	IP44	CLII	No	0 to +45°C	F
095613 00	ST520B	1	60	SLED3200	840	WH	IP44	CLII	No	0 to +45°C	F
095637 00	ST520B	1	25	SLED3200	930	WH	IP44	CLII	No	0 to +45°C	F
095651 00	ST520B	1	36	SLED3200	930	WH	IP44	CLII	No	0 to +45°C	F
095675 00	ST520B	1	60	SLED3200	930	WH	IP44	CLII	No	0 to +45°C	F
097105 00	ST520B	1	25	SLED3200	827	WH	IP44	CLII	No	0 to +45°C	F
097129 00	ST520B	1	36	SLED3200	827	WH	IP44	CLII	No	0 to +45°C	F
097143 00	ST520B	1	60	SLED3200	827	WH	IP44	CLII	No	0 to +45°C	F
102120 00	ST520B	1	25	SLED2000	830	WH	IP44	CLII	No	0 to +45°C	F
102144 00	ST520B	1	36	SLED2000	830	WH	IP44	CLII	No	0 to +45°C	F
102168 00	ST520B	1	60	SLED2000	830	WH	IP44	CLII	No	0 to +45°C	F
102182 00	ST520B	1	25	SLED2000	840	WH	IP44	CLII	No	0 to +45°C	F
102205 00	ST520B	1	36	SLED2000	840	WH	IP44	CLII	No	0 to +45°C	F
102229 00	ST520B	1	60	SLED2000	840	WH	IP44	CLII	No	0 to +45°C	F

Order code	Product family code	Number of lamps	Optics	Lamp family code	Lamp color code	Color	IP code	Safety class	Lighting control unit	Ambient temperature	Flammability mark
095521 00	ST520B	1	25	SLED3200	830	GR	IP44	CLII	No	0 to +45°C	F
095545 00	ST520B	1	36	SLED3200	830	GR	IP44	CLII	No	0 to +45°C	F
095569 00	ST520B	1	60	SLED3200	830	GR	IP44	CLII	No	0 to +45°C	F
095583 00	ST520B	1	25	SLED3200	840	GR	IP44	CLII	No	0 to +45°C	F
095606 00	ST520B	1	36	SLED3200	840	GR	IP44	CLII	No	0 to +45°C	F
095620 00	ST520B	1	60	SLED3200	840	GR	IP44	CLII	No	0 to +45°C	F
095644 00	ST520B	1	25	SLED3200	930	GR	IP44	CLII	No	0 to +45°C	F
095668 00	ST520B	1	36	SLED3200	930	GR	IP44	CLII	No	0 to +45°C	F
095682 00	ST520B	1	60	SLED3200	930	GR	IP44	CLII	No	0 to +45°C	F
097112 00	ST520B	1	25	SLED3200	827	GR	IP44	CLII	No	0 to +45°C	F
097136 00	ST520B	1	36	SLED3200	827	GR	IP44	CLII	No	0 to +45°C	F
097150 00	ST520B	1	60	SLED3200	827	GR	IP44	CLII	No	0 to +45°C	F
102137 00	ST520B	1	25	SLED2000	830	GR	IP44	CLII	No	0 to +45°C	F
102151 00	ST520B	1	36	SLED2000	830	GR	IP44	CLII	No	0 to +45°C	F
102175 00	ST520B	1	60	SLED2000	830	GR	IP44	CLII	No	0 to +45°C	F
102199 00	ST520B	1	25	SLED2000	840	GR	IP44	CLII	No	0 to +45°C	F
102212 00	ST520B	1	36	SLED2000	840	GR	IP44	CLII	No	0 to +45°C	F
102236 00	ST520B	1	60	SLED2000	840	GR	IP44	CLII	No	0 to +45°C	F

## General information (2/3)

Order code	Product family code	Glow-wire test	Optical cover	IK code	European Community mark	ENEC mark	Lamp color temperature	Life-time to 70% luminous flux	Light source replaceable	Driver included	Dimmable
095514 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095538 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095552 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095576 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
095590 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
095613 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
095637 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095651 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095675 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
097105 00	ST520B	650/5	GC	IK02	CE	ENEC	2700	50000	false	true	false
097129 00	ST520B	650/5	GC	IK02	CE	ENEC	2700	50000	false	true	false
097143 00	ST520B	650/5	GC	IK02	CE	ENEC	2700	50000	false	true	false
102120 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
102144 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
102168 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
102182 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
102205 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
102229 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
095521 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095545 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095569 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095583 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false

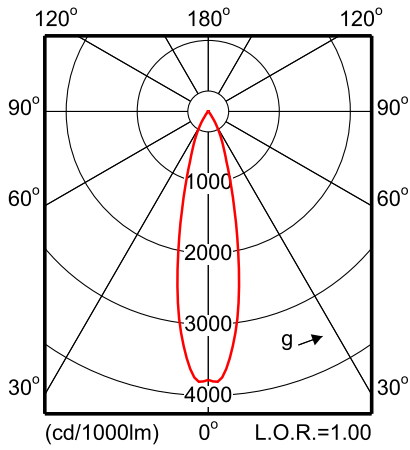
Order code	Product family code	Glow-wire test	Optical cover	IK code	European Community mark	ENEC mark	Lamp color temperature	Life-time to 70% luminous flux	Light source replaceable	Driver included	Dimmable
095606 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
095620 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
095644 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095668 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
095682 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
097112 00	ST520B	650/5	GC	IK02	CE	ENEC	2700	50000	false	true	false
097136 00	ST520B	650/5	GC	IK02	CE	ENEC	2700	50000	false	true	false
097150 00	ST520B	650/5	GC	IK02	CE	ENEC	2700	50000	false	true	false
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102175 00	ST520B	650/5	GC	IK02	CE	ENEC	3000	50000	false	true	false
102199 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
102212 00	ST520B	650/5	GC	IK02	CE	ENEC	4000	50000	false	true	false
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### General information (3/3)

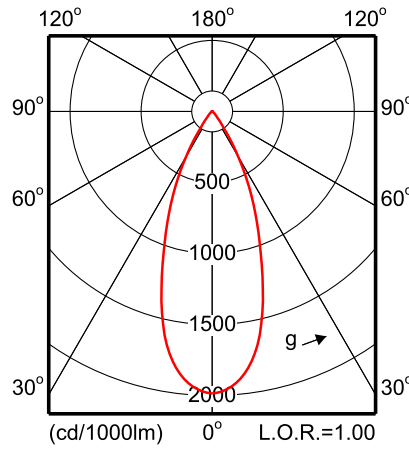
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095514 00	ST520B	1
095538 00	ST520B	1
095552 00	ST520B	1
095576 00	ST520B	1
095590 00	ST520B	1
095613 00	ST520B	1
095637 00	ST520B	1
095651 00	ST520B	1
095675 00	ST520B	1
097105 00	ST520B	1
097129 00	ST520B	1
097143 00	ST520B	1
102120 00	ST520B	1
102144 00	ST520B	1
102168 00	ST520B	1
102182 00	ST520B	1
102205 00	ST520B	1
102229 00	ST520B	1

Order code	Product family code	Failure rate at 5000 hrs
095521 00	ST520B	1
095545 00	ST520B	1
095569 00	ST520B	1
095583 00	ST520B	1
095606 00	ST520B	1
095620 00	ST520B	1
095644 00	ST520B	1
095668 00	ST520B	1
095682 00	ST520B	1
097112 00	ST520B	1
097136 00	ST520B	1
097150 00	ST520B	1
102137 00	ST520B	1
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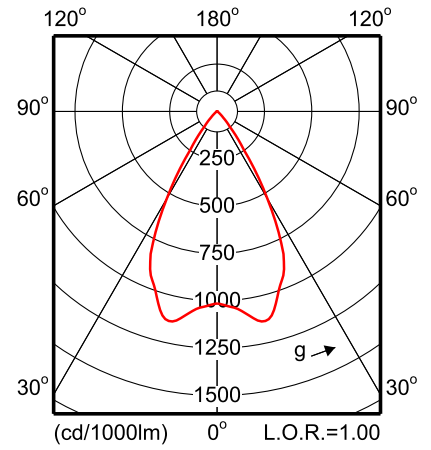
Photometric data



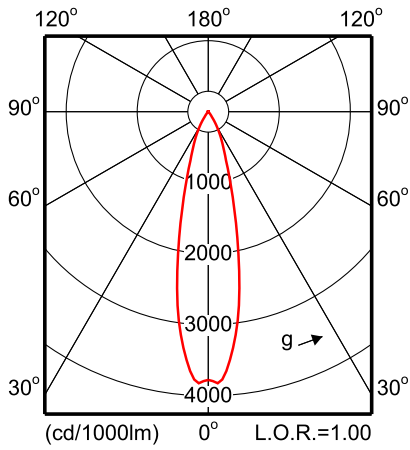
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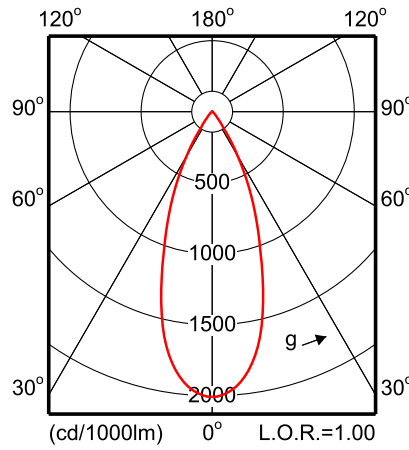
ST520B 1xSLED3200/830 36



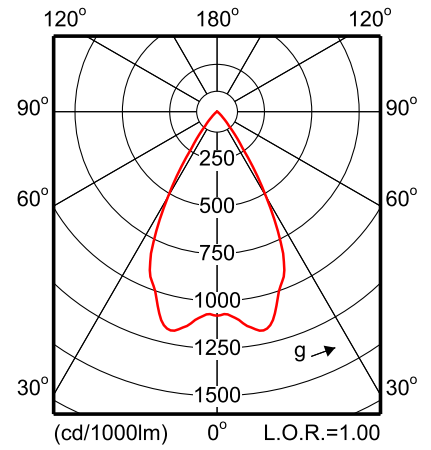
ST520B 1xSLED3200/830 60



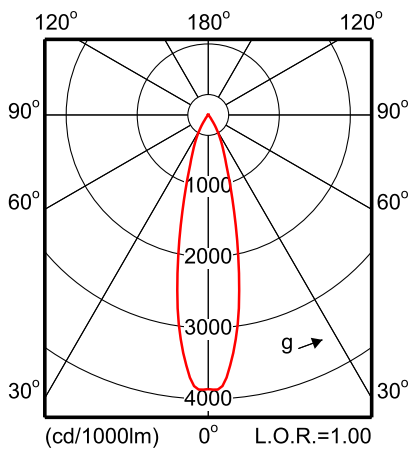
ST520B 1xSLED3200/840 25



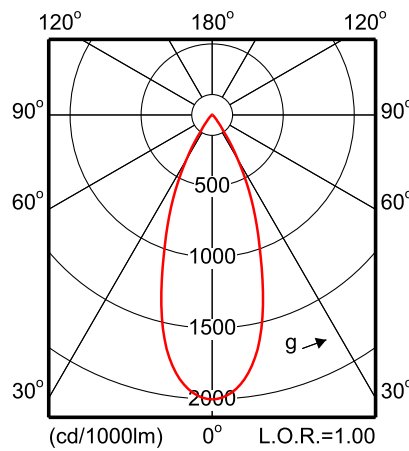
ST520B 1xSLED3200/840 36



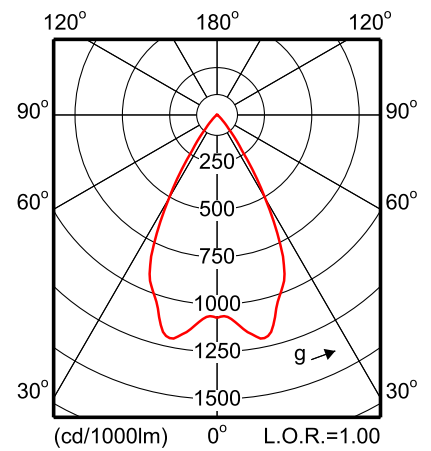
ST520B 1xSLED3200/840 60



ST520B 1xSLED3200/930 25

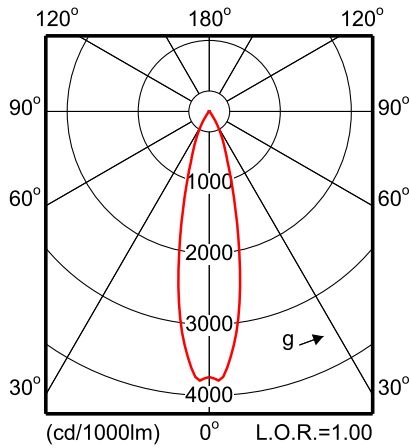


ST520B 1xSLED3200/930 36

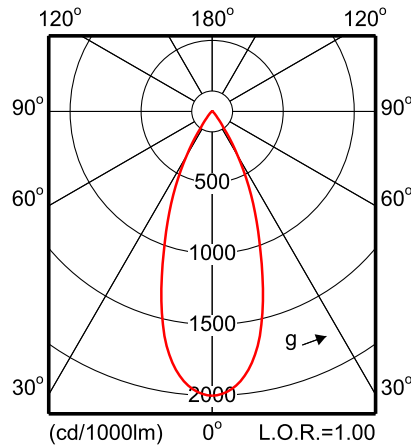


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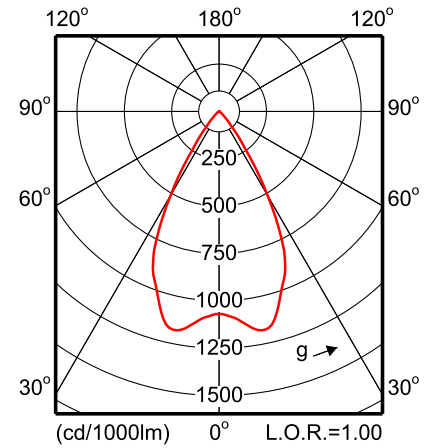
## Photometric data



ST520B 1xSLED3200/827 25



ST520B 1xSLED3200/827 36



ST520B 1xSLED3200/827 60

## Light technical

Order code	Product family code	Color rendering index	Total luminous flux	Luminous efficacy
095514 00	ST520B	80	3495	57
095538 00	ST520B	80	3332	55
095552 00	ST520B	80	3493	57
095576 00	ST520B	80	3998	66
095590 00	ST520B	80	3737	61
095613 00	ST520B	80	3737	61
095637 00	ST520B	90	2681	44
095651 00	ST520B	90	2569	42
095675 00	ST520B	90	2666	44
097105 00	ST520B	80	3195	52
097129 00	ST520B	80	2908	48
097143 00	ST520B	80	3131	51
102120 00	ST520B	80	2344	56
102144 00	ST520B	80	2344	56
102168 00	ST520B	80	2344	56
102182 00	ST520B	80	2344	56
102205 00	ST520B	80	2344	56
102229 00	ST520B	80	2344	56
095521 00	ST520B	80	3495	57
095545 00	ST520B	80	3332	55
095569 00	ST520B	80	3493	57
095583 00	ST520B	80	3998	66
095606 00	ST520B	80	3737	61
095620 00	ST520B	80	3737	61
095644 00	ST520B	90	2681	44
095668 00	ST520B	90	2569	42
095682 00	ST520B	90	2666	44
097112 00	ST520B	80	3195	52

Order code	Product family code	Color rendering index	Total luminous flux	Luminous efficacy
097136 00	ST520B	80	2908	48
097150 00	ST520B	80	3131	51
102137 00	ST520B	80	2344	56
102151 00	ST520B	80	2344	56
102175 00	ST520B	80	2344	56
102199 00	ST520B	80	2344	56
102212 00	ST520B	80	2344	56
102236 00	ST520B	80	2344	56

## Electrical

Order code	Product family code	Supply voltage
095514 00	ST520B	220-240
095538 00	ST520B	220-240
095552 00	ST520B	220-240
095576 00	ST520B	220-240
095590 00	ST520B	220-240
095613 00	ST520B	220-240
095637 00	ST520B	220-240
095651 00	ST520B	220-240
095675 00	ST520B	220-240
097105 00	ST520B	220-240
097129 00	ST520B	220-240
097143 00	ST520B	220-240
102120 00	ST520B	220-240
102144 00	ST520B	220-240
102168 00	ST520B	220-240

Order code	Product family code	Supply voltage
102182 00	ST520B	220-240
102205 00	ST520B	220-240
102229 00	ST520B	220-240
095521 00	ST520B	220-240
095545 00	ST520B	220-240
095569 00	ST520B	220-240
095583 00	ST520B	220-240
095606 00	ST520B	220-240
095620 00	ST520B	220-240
095644 00	ST520B	220-240
095668 00	ST520B	220-240

Order code	Product family code	Supply voltage
095682 00	ST520B	220-240
097112 00	ST520B	220-240
097136 00	ST520B	220-240
097150 00	ST520B	220-240
102137 00	ST520B	220-240
102151 00	ST520B	220-240
102175 00	ST520B	220-240
102199 00	ST520B	220-240
102212 00	ST520B	220-240
102236 00	ST520B	220-240



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2012, May 5  
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