PHILIPS

LuxSpace Accent Performance Elbow

RS782B



Powerful discreet spots with an accent on sustainability

With LuxSpace Accent Performance Elbow, retailers and building operators can enjoy the superior quality of light and market-leading energy efficiency of PerfectAccent optics in a refined and neutral product design. Powerful and discreet, LuxSpace Accent combines a high luminous flux in a compact form factor. Design-in and installation are easy due to its small built-in dimensions. Maintenance and upgrades of the optics is fast and requires no tools. Furthermore, LuxSpace Accent Performance Elbow spots are certified as circular lighting and offer multiple system integration and dimming options, including wired as well as wireless. LuxSpace Accent Performance Elbow allows spot head rotation and can be angled out of the ceiling for maximum aiming flexibility. For prolonged shelf life and better visual representation of food, reducing food waste and increasing sales, fresh food LED lighting recipes are available. Check out our Fashion and Food catalog pages to find out more about PremiumWhite, PremiumColor, Fresh Meat, Rosé, Frost and Champagne.

Benefits

- More sparkle and enhanced shopper eye comfort with PerfectAccent optics
- Best-in-class efficacy to reduce carbon footprint and save on energy use
- Certified as circular lighting with PerfectAccent high-efficacy reflectors
- Easy maintenance and upgrades with tool-less access to driver and optics
- The clean and refined product design helps the spots blend in with ceilings

Applications

- Convenience stores
- Supermarkets & hypermarkets
- Offices and hospitality areas

Features

- RS782B offers high maximum flux (6000lm) in a very compact housing with limited built-in dimensions
- Available with PerfectAccent high-efficacy reflectors
- Optional front glass (advised in dusty environments)
- Can be fully rotated and angled out of the ceiling for great light control
- Available with fresh food LED lighting recipes and LED flavors
- Wired (DALI) and wireless connectivity options available

- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using a front glass
- Cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden. For food preparation areas and areas with high levels of dust, the use of the optional front glass is strongly advised, as it can be cleaned with a (dry) microfiber cloth
- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

Versions

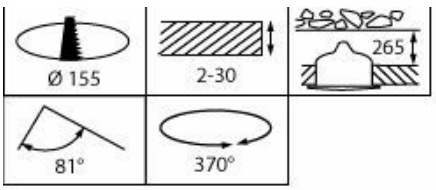


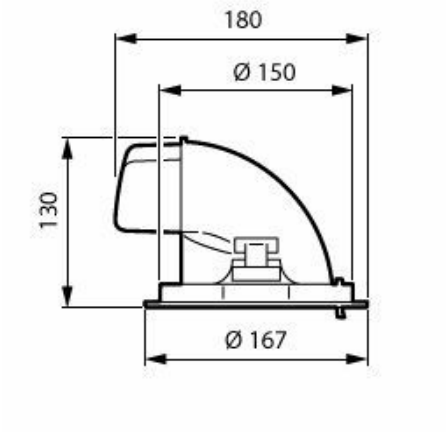
RS782B LuxSpace Accent Performance Elbow Black



RS782B LuxSpace Accent Performance Elbow White

Dimensional drawing





LUXSPACE ACCENT COMPACT ELBOW RPO - Power supply unit external - Wide beam - 36°

Product details



RS782B LuxSpace Accent Performance Elbow Back View



Step5 (optional): Add or remove the front glass



Step4: Replace the reflector



Step1; Press the button to unlock the front face



Step2: Remove the optical assembly from the luminaire



Step3: Pull the clip of the frontface to release the reflector



LuxSpace Accent Elbow luminaires offer great aiming flexibility



PerfectAccent reflector and front glass maintenance and upgrading is easy with an integrated button

General Information

Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Beam angle of light source	120 degree(s)

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes
Protection class IEC	Safety class II

Mechanical and Housing

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.5
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Product Data

Product family code	RS782B [LUXSPACE ACCENT COMPACT ELBOW RPO]

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)	Optic type
910505101644	RS782B 39S/930 PSU-E WB BK	3,900 lm	3000 K	127 lm/W	>90	Wide beam
910505101569	RS782B 39S/827 PSU-E NB WH	3,800 lm	2700 K	133 lm/W	>80	Narrow beam
910505101640	RS782B 39S/830 PSU-E MB WH	4,100 lm	3000 K	142 lm/W	>80	Medium beam

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)	Optic type
910505101641	RS782B 39S/830 DIA-VLC-E HMB WH	4,200 lm	3000 K	142 lm/W	>80	High-reflective metal reflector Medium beam 20 to 40 degrees
910505101642	RS782B 39S/830 WIA-E MB WH	4,100 lm	3000 K	135 lm/W	>80	Medium beam
910505101643	RS782B 39S/840 PSU-E WB WH	4,200 lm	4000 K	147 lm/W	>80	Wide beam
910505101645	RS782B 39S/PW930 PSU-E HWB WH	4,000 lm	3000 K	136 lm/W	>90	High-reflective metal reflector Wide beam 40 to 80 degrees
910505101647	RS782B 27S/ROSE PSU-E HWB FG WH	2,900 lm	2200 K	93 lm/W	>80	High-reflective metal reflector Wide beam 40 to 80 degrees
910505101648	RS782B 27S/FMT PSU-E HWB FG WH	2,800 lm	3000 K	81 lm/W	>90	High-reflective metal reflector Wide beam 40 to 80 degrees
910505101649	RS782B 39S/CH PSU-E HWB FG WH	4,000 lm	2700 K	139 lm/W	>80	High-reflective metal reflector Wide beam 40 to 80 degrees
910505101652	RS782B 49S/830 PSU-E WB WH	5,000 lm	3000 K	133 lm/W	>80	Wide beam
910505101653	RS782B 49S/840 PSU-E WB WH	5,200 lm	4000 K	139 lm/W	>80	Wide beam
910505101654	RS782B 49S/930 PSU-E OVL-H WH	5,000 lm	3000 K	132 lm/W	>90	Oval horizontal beam
910505101655	RS782B 49S/PW930 PSU-E WB WH	5,000 lm	3000 K	132 lm/W	>90	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505101644	RS782B 39S/930 PSU-E WB BK	31 W
910505101569	RS782B 39S/827 PSU-E NB WH	29 W
910505101640	RS782B 39S/830 PSU-E MB WH	29 W
910505101641	RS782B 39S/830 DIA-VLC-E HMB WH	29.5 W
910505101642	RS782B 39S/830 WIA-E MB WH	30 W
910505101643	RS782B 39S/840 PSU-E WB WH	29 W
910505101645	RS782B 39S/PW930 PSU-E HWB WH	29 W
910505101647	RS782B 27S/ROSE PSU-E HWB FG WH	31 W
910505101648	RS782B 27S/FMT PSU-E HWB FG WH	35 W
910505101649	RS782B 39S/CH PSU-E HWB FG WH	29 W
910505101652	RS782B 49S/830 PSU-E WB WH	37.5 W
910505101653	RS782B 49S/840 PSU-E WB WH	37.5 W
910505101654	RS782B 49S/930 PSU-E OVL-H WH	38 W
910505101655	RS782B 49S/PW930 PSU-E WB WH	38 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
910505101644	RS782B 39S/930 PSU-E WB BK	No	Not applicable
910505101569	RS782B 39S/827 PSU-E NB WH	No	Not applicable
910505101640	RS782B 39S/830 PSU-E MB WH	No	Not applicable
910505101641	RS782B 39S/830 DIA-VLC-E HMB WH	Yes	1%
910505101642	RS782B 39S/830 WIA-E MB WH	Yes	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
910505101643	RS782B 39S/840 PSU-E WB WH	No	Not applicable
910505101645	RS782B 39S/PW930 PSU-E HWB WH	No	Not applicable
910505101647	RS782B 27S/ROSE PSU-E HWB FG WH	No	Not applicable
910505101648	RS782B 27S/FMT PSU-E HWB FG WH	No	Not applicable
910505101649	RS782B 39S/CH PSU-E HWB FG WH	No	Not applicable
910505101652	RS782B 49S/830 PSU-E WB WH	No	Not applicable
910505101653	RS782B 49S/840 PSU-E WB WH	No	Not applicable
910505101654	RS782B 49S/930 PSU-E OVL-H WH	No	Not applicable
910505101655	RS782B 49S/PW930 PSU-E WB WH	No	Not applicable

Mechanical and Housing

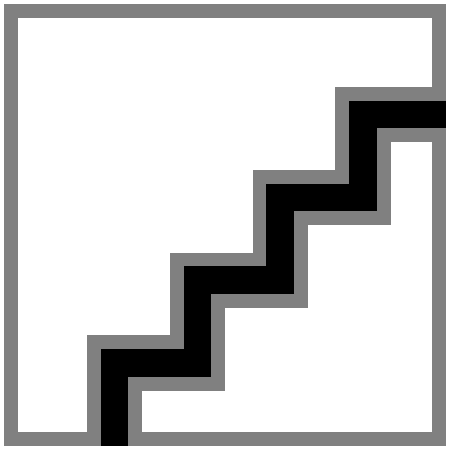
Order Code	Full Product Name	Housing Color
910505101644	RS782B 39S/930 PSU-E WB BK	Black
910505101569	RS782B 39S/827 PSU-E NB WH	White
910505101640	RS782B 39S/830 PSU-E MB WH	White
910505101641	RS782B 39S/830 DIA-VLC-E HMB WH	White
910505101642	RS782B 39S/830 WIA-E MB WH	White
910505101643	RS782B 39S/840 PSU-E WB WH	White
910505101645	RS782B 39S/PW930 PSU-E HWB WH	White
910505101647	RS782B 27S/ROSE PSU-E HWB FG WH	White
910505101648	RS782B 27S/FMT PSU-E HWB FG WH	White
910505101649	RS782B 39S/CH PSU-E HWB FG WH	White
910505101652	RS782B 49S/830 PSU-E WB WH	White
910505101653	RS782B 49S/840 PSU-E WB WH	White
910505101654	RS782B 49S/930 PSU-E OVL-H WH	White
910505101655	RS782B 49S/PW930 PSU-E WB WH	White

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505101644	RS782B 39S/930 PSU-E WB BK	(0.434,0.403)<2
910505101569	RS782B 39S/827 PSU-E NB WH	(0.458,0.410)<3
910505101640	RS782B 39S/830 PSU-E MB WH	(0.434,0.403)<3
910505101641	RS782B 39S/830 DIA-VLC-E HMB WH	(0.434,0.403)<3
910505101642	RS782B 39S/830 WIA-E MB WH	(0.434,0.403)<3
910505101643	RS782B 39S/840 PSU-E WB WH	(0.382,0.380)<3
910505101645	RS782B 39S/PW930 PSU-E HWB WH	(0.422,0.386)<2
910505101647	RS782B 27S/ROSE PSU-E HWB FG WH	(0.478,0.382)<2
910505101648	RS782B 27S/FMT PSU-E HWB FG WH	(0.457,0.385)<3
910505101649	RS782B 39S/CH PSU-E HWB FG WH	(0.458,0.410)<3
910505101652	RS782B 49S/830 PSU-E WB WH	(0.434,0.403)<3

Order Code	Full Product Name	Initial chromaticity
910505101653	RS782B 49S/840 PSU-E WB WH	(0.382,0.380)<3
910505101654	RS782B 49S/930 PSU-E OVL-H WH	(0.434,0.403)<2
910505101655	RS782B 49S/PW930 PSU-E WB WH	(0.422,0.386)<2

Polar normal diagrams



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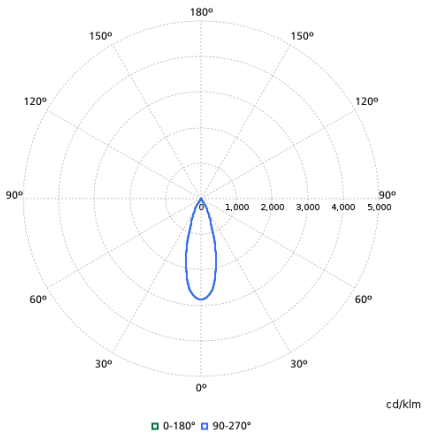

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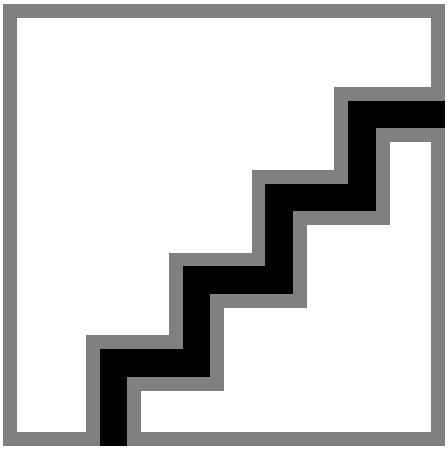

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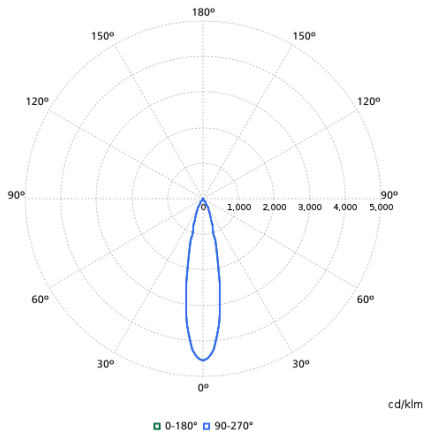

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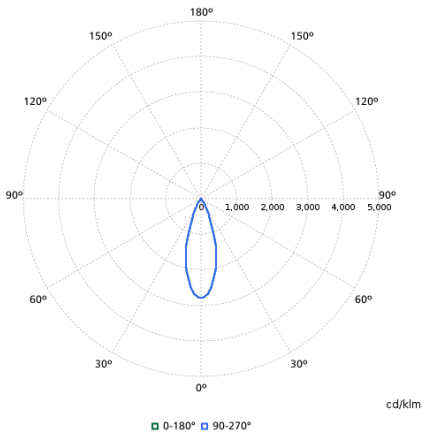

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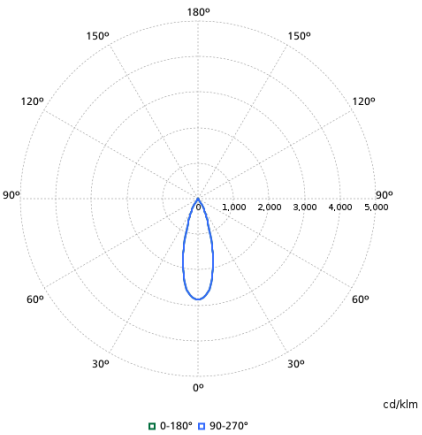

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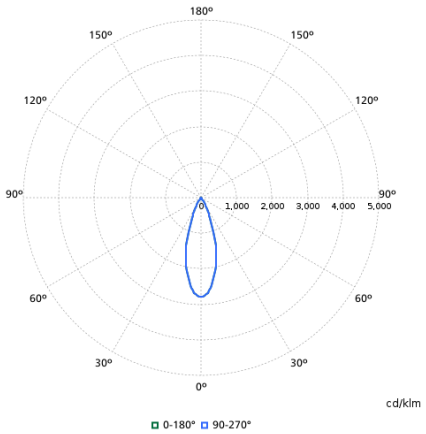

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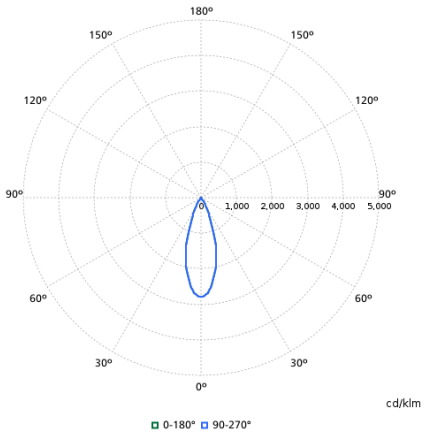

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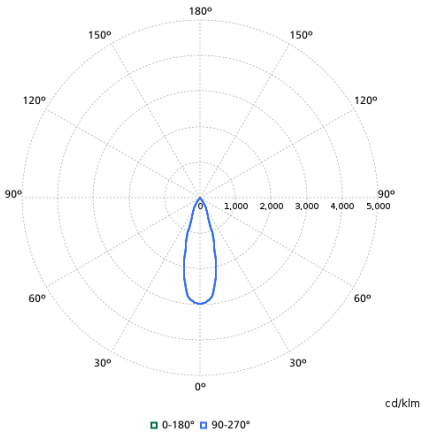

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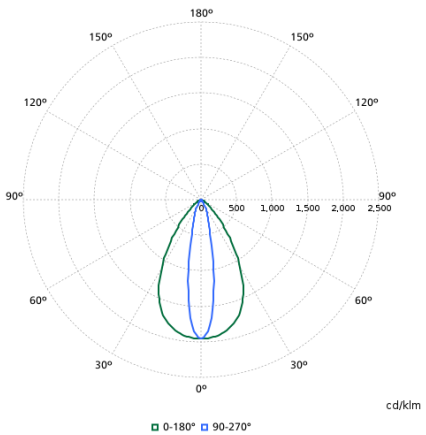

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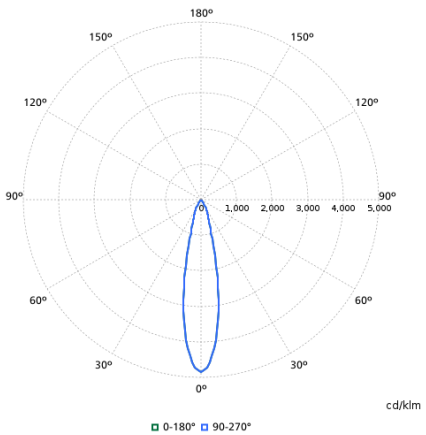

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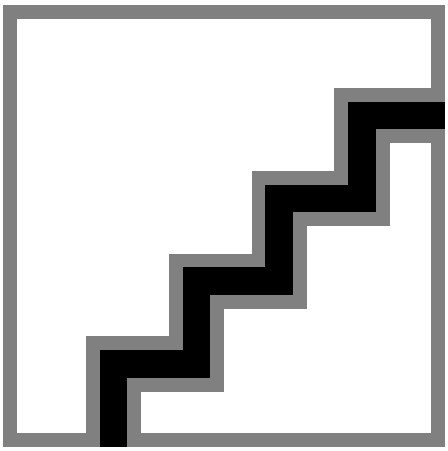

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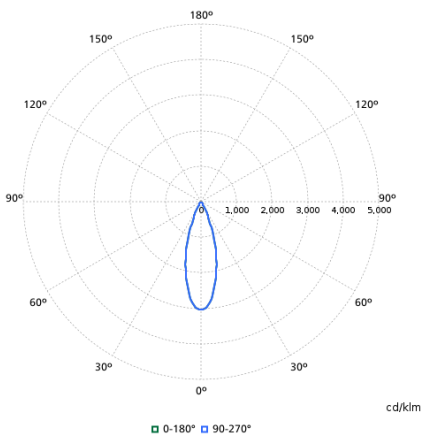

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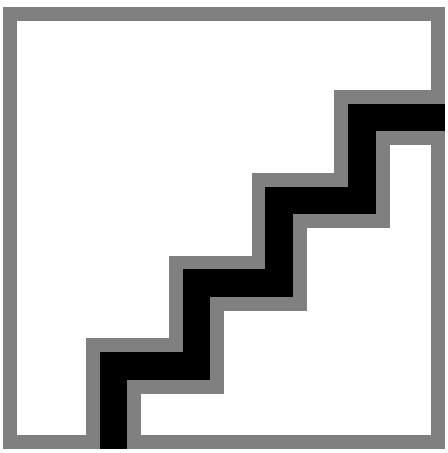

RS782B 49S/PW930 PSU-E WB WH
910505101655

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