DARKSKY 2

- **New slim profile architectural design**
- **Robust die cast aluminium construction**
- **IP65 dust tight and water jet proof**
- **Anti-light pollution design**
- **Easy to aim and set up**
- **Outstanding optical performance**
- **Coloured glass attachments**

The Darksky floodlight range has been re-designed with an all new slim architectural body and improved performance from its special asymmetrical optical system, designed to solve the problems of sky glow and light trespass. When mounted with the glass horizontal to the ground, light is distributed evenly up to 3 times the mounting height in front of the luminaire. This can be increased to five times the height by tilting Darksky at 20° using the in-built inclinometer, whilst still preventing sky glow. Darksky is available in 2 sizes, all dust tight and water jet proof to provide long and reliable service. A selection of coloured filter glass accessories provide new possibilities for enhancing features and buildings.

WHERE TO USE DARKSKY

- Area floodlighting
- Building façades
- Car parks
- Sports areas
- Security lighting
- Churches
- Marshalling and storage yards
- Signs

Crompton LIGHTING

DARKSKY 2

LAMP OPTIONS

- 70W, 150W SON-TS - Rx7s/Rx7s-24 cap
- 70W, 150W CDM-TD, 3000°K - Rx7s/Rx7s-24 cap
- 70W, 150W HQI-TS, 4200°K - Rx7s/Rx7s-24 cap
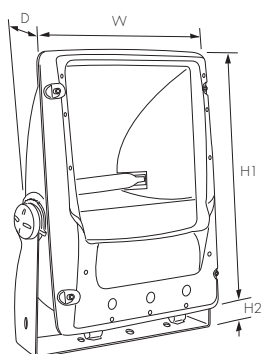- 150W, 250W, 400W SON-T - E40 cap
- 250W, 400W HQI-T - E40 cap

MATERIALS

- Body and fascia - pressure die cast aluminium, multi-stage chromate pre-treatment, powder coated in black finish
- Reflector - high purity, high reflectance, anodised aluminium
- Lens - toughened soda lime glass
- Stirrup - heavy gauge steel, powder coated in black
- Wire guard - heavy gauge galvanized steel

SPECIFICATION

To specify state: Die cast aluminium, anti-light pollution low glare floodlight, with asymmetric reflector, designed for operation with glass horizontal, to give no spill or trespass light and no sky glow effect, finished in black paint finish, dust tight and water jet proof to IP65, as Crompton Darksky range, part no. _____
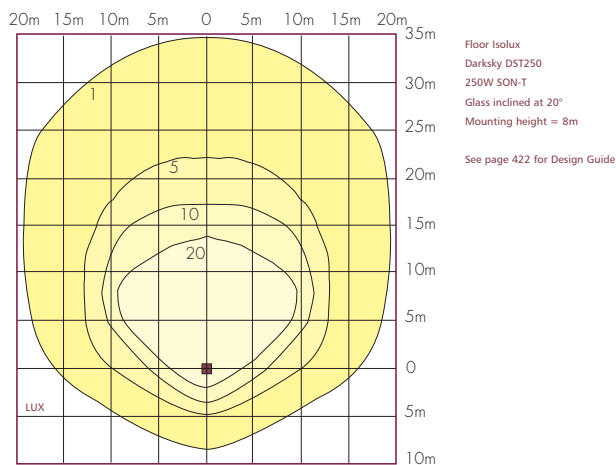
OPTIONS

- Full range of columns and brackets available. See page 365
- SON Deluxe lamp versions available to special order
- Thermal cut-out on ballast as standard
- Wall mounted photocell to switch one flood available, part no. PCW
- Other body colours to special order

INSTALLATION NOTES

- Suitable for column, wall and floor mounting
- Stirrup bolts directly to vertical surface for area floodlighting or to floor for façade lighting
- Use COLDHVB mounting bracket (order separately) if mounting on column or horizontal surface for area floodlighting
- Cable gland supplied for 8-11mm circular flex
- 3 way, 1 x 2.5mm^2 terminal block
- Aimed by slackening side bolts and positioning angle using inclinometer on stirrup
- Front frame secured by captive screws. Hinges for easy lamp replacement
- Supplied complete with lamp
- Safety distance - 1m

DIMENSIONS

Model	H1 (mm)	H2 (mm)	W (mm)	D (mm)
Darksky Compact	390	30	300	150
Darksky	425	55	450	180

PHOTOMETRIC DATA

Floor Isolux
Darksky DST250
250W SON-T
Glass inclined at 20°
Mounting height = 8m

See page 422 for Design Guide

Darksky Compact with wire guard

Darksky Compact

Darksky with wire guard

CATALOGUE NUMBERS

Lamp Rating	Lamp Type	Black Finish	Weight (kg)
Darksky Compact			
1 x 70W	SON-TS (2000°K)	DCSTS70	7.2
1 x 150W	SON-TS (2000°K)	DCSTS150	7.9
1 x 70W	CDM-TD (3000°K)	DCCTD70	7.2
1 x 150W	CDM-TD (3000°K)	DCCTD150	7.9
1 x 70W	HQI-TS (4200°K)	DCHTS70	7.2
1 x 150W	HQI-TS (4200°K)	DCHTS150	7.9
Darksky			
1 x 150W	SON-T (2000°K)	DST150	13.4
1 x 250W	SON-T (2000°K)	DST250	14.0
1 x 400W	SON-T (2000°K)	DST400	15.3
1 x 250W	HQI-T (4200°K)	DHT250	14.0
1 x 400W	HQI-T (4200°K)	DHT400	15.3

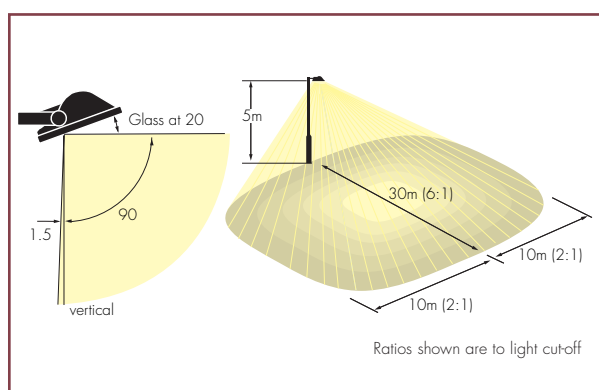| Description	Cat. No.	Weight (kg)
General Accessories		
Vertical to horizontal bracket	COLDHVB	1.1
Wall mounted photocell	PCW	0.2
Darksky Compact Accessories		
Wire guard	DCWG	0.6
Blue filter glass in frame	DCGB	1.0
Red filter glass in frame	DCGR	1.0
Purple filter glass in frame	DCGP	1.0
Green filter glass in frame	DCGG	1.0
Darksky Accessories		
Wire guard	DWG	0.9
Blue filter glass in frame	DGB	2.0
Red filter glass in frame	DGR	2.0
Purple filter glass in frame	DGP	2.0
Green filter glass in frame	DGG	2.0

Note: Coverage also depends on height. These diagrams are shown at 5m.
To calculate coverage at different heights, multiply height by ratio shown on diagram

Darksky with coloured filter glass in use
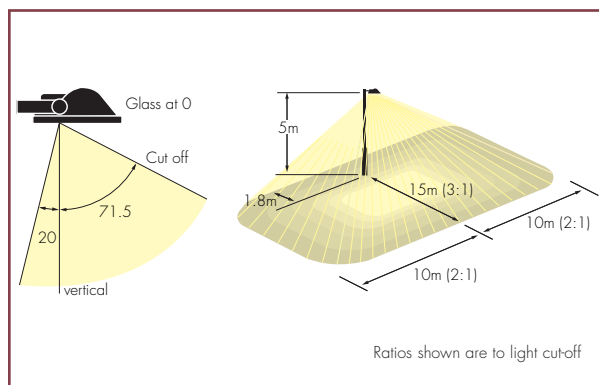
Glass Horizontal

Glass inclined at 20°

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Exterior

DARKSKY 2