



Strand Lighting

FACT sheet

Number 3

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LUMINAIRE DATA

This Fact Sheet is a compilation of the technical data for most Strand luminaires, including a selection of the older units no longer in production.

The information is given in serial form rather than as a table, as this permits a more flexible use of the space. The data is in the following order:

Reference name Type • description • min/max beam angles • min/max output • throw • wattage • lamp type • filter size • weight • order code

The beam angles are given for half-peak (hp) and 1/10th peak (tp) which is also used for the cut-off angle for profiles and followspots.

Details for some of the luminaires are either not available or not relevant, but the remaining data is self-explanatory.

Obsolete Luminaires

Patt. 12 Miniature profile spot • 25° • 100W

Patt. 23 Baby profile spot • 17° (hp), 30° (tp) • 18000cd • 8m • 500W • T/1 500W, T/17 500W P28s lampholder • 100mm x 100mm • 3.75kg.

Patt. 23F Baby profile spot with Fresnel lens • 30° • 250W, 500W • 100mm x 100mm

Patt. 23N Baby profile spot • narrow-(tp) • 52000cds • 12m • 250W, m x 165mm • 5.6kg.

Patt. 23N/RH Baby follow spot • re-balanced 1° • 250W, 500W

Patt. 23W Baby wide-angle profile • 37° 00mm

Patt. 45 Junior spot • 4 1/2" fresnel, no 5° (tp) • 3750 / 21120cds • 8m, T/3 250W • 145mm x 135mm

Patt. 49 Large wide angle flood • 100° (hp), 120° (tp) • 3960cds • 6m • 1000W • 1000W E40 (GES), GLS clear • 410mm x 410mm • 10.8kg.

Patt. 52 Effects projector • 1000W

Patt. 53 Prefocus mirror spotlight • 3/19° • 20m • 1000W • A1, B1, T • 196mm x 196mm • 17kg.

Patt. 53W Prefocus mirror spotlight • wide angle profile spotlight • 3/38° • 20m • 1000W • A1, B1, T • 196mm x 196mm • 17kg.

Patt. 60 Stage flood • wide angle flood • 100° • 8500cds • 2.5m min • 300W, 500W • 500W E40 (GES), GLS • 298mm x 298mm • 5.4kg

Patt. 93 Long range spotlight • high power, narrow angle spotlight • 6/15° • 30m • 1000W • 1000W A1 • 250mm x 250mm • 20.25kg

Patt. 123 Baby fresnel • 6" fresnel, slide focus • 15/45° (hp), 26/51° (tp) • 5440 / 16920cds • 6m • 250W, 500W • 500W T/1 • 165mm x 165mm • 2.6kg.

Patt. 123LS Baby fresnel • 6" fresnel, screw focus • 15/45° • 5440 / 16920cds • 6m • 1963 • 250W, 500W • 500W T/1 • 165mm x 165mm • 2.6kg.

Patt. 123TV Fresnel spot • wide angle lens, lead screw focus, TV spigot • 24/55° • 5440 / 16920cds • 6m • 500W • 500W T/1 • 165mm x 165mm • 2.6kg.

Patt. 123TV Polestar Fresnel spot • wide angle lens, lead screw focus, TV spigot, pole operation • 22/55° • 5440 / 16920cds • 6m • 500W • 500W T/1 • 165mm x 165mm • 2.6kg.

Patt. 137 Junior wide angle floodlight • 80° (hp), 100° (tp) • 825cds •

Patt. 149	100W, 200W • 200W/150W ES GLS • 235mm x 210mm • 5kg Scoop • Open-faced softlight • 80° (hp), 120° (tp) • 4800cds • 7m • 750W, 1000W • 750W or 1000W E40 GES internally silica coated • 3.7kg.	Patt. 263	94500cds • 18m • 2000W • 2000W tubular lamp (P40) • 250mm x 250mm • 24.5kg. Profile spot • profile with 4 shutters, gate runners • 18° (hp), 20° (tp) • 52500cds • 12m • 750W, 1000W • 1000W T/4 (P28s) • 165mm x 165mm • 7.5kg.
Patt. 149TV	Scoop • Open-faced softlight with TV adaptor • 80° (hp), 120° (tp) • 4800cds • 7m • 750W, 1000W • 750W or 1000W E40 GES internally silica coated • 3.7kg.	Patt. 263W	Profile spot • Wide angle profile • 39° • 750W, 1000W • 1000W T/4 (P28s) • 165mm x 165mm • 7.5kg.
Patt. 152	Scene projector • High-intensity effects and scene projector • 4000W • 110V 4M/T32 (Bi38) • 58kg.	Patt. 264	Profile spot • bifocal profile with 8 shutters, gate runners • 17° (hp), 17° (tp) • 62500cds • 12m • 1000W • 1000W T/4 (P28s) • 165mm x 165mm • 7.5kg.
Patt. 202	Effects spot • 250W • 250W 24V A1/223 tungsten halogen • 7kg.	Patt. 265	Halospot • mercury-halide followspot • 10.5 / 18.5° • 247,500 / 305,000cds • 30m • 400W • 400W Mercury Iodide • 215mm x 215mm • 13kg.
Patt. 223	Fresnel spot • 8" fresnel, lead screw focus • 10/60° (hp), 18/70° (tp) • 10000 / 92120cds • 15m • 1000W • 1000W T/6 • 215mm x 215mm • 6.8kg.	Patt. 293	Followspot • 15° • 253,000 cds • 24m • 2000W • 2000W CP/28 • 300mm x 300mm • 27.2kg.
Patt. 223TV	Fresnel spot • 8" fresnel, lead screw focus, TV spigot • 10/60° (hp), 18/70° (tp) • 10000 / 92120cds • 15m • 1000W • 1000W T/6 (P28s) • 215mm x 215mm • 6.8kg.	Patt. 294	Followspot • bifocal, with hard & soft shutters • 15° • 253,000 cds • 24m • 2000W • 2000W CP/28 • 300mm x 300mm • 27.2kg.
Patt. 230	UV Floodlight • 125W • 125W Mercury discharge encased in black glass bulb	Patt. 501	Sunspot • Arc followspot • 270mm x 190mm (body), 234mm dia (magazine)
Patt. 243	1kW fresnel spot • 10" fresnel, lead screw focus • 15/50° • 1000W • 298mm x 298mm	Patt. 523	Outdoor profile spot • 22° • 250W, 500W • 4.5kg.
Patt. 243BP	2kW fresnel • 10" fresnel with bi-post lampholder, lead screw focus • 10/40° (hp), 10/40° (tp) • 41500 / 280000 cds • 15m • 2000W • 2000W G38 CP/41 • 300mm x 300mm • 14kg	Patt. 523W	Outdoor profile spot • wide angle • 37° • 250W, 500W • 4.5kg.
Patt. 243TV	Fresnel spot • wide angle lens, lead screw focus, TV spigot • 15/55° • 2000W	Patt. 543	Outdoor fresnel spot • 10" dia lens, lead-screw focus • 15/45° • 1000W • 300mm x 300mm • 11.25kg.
Patt. 243 TV polestar	Fresnel spot • wide angle lens, lead screw focus, TV spigot, pole operation • 15/55° • 2000W	Patt. 743	Fresnel spot • 8" fresnel • 8/57° (hp), 15/65° (tp) • 10,300 / 110,000cds • 12m • 1000W • 1000W T/11 • 215mm x 215mm • 7.3kg. • 21 000 02
Patt. 249	Softlight • 2 x 1000W softlight • 50v x70h° (hp), 90v x 135h° (tp) • 2000W • 2 x 1000W K/4 189mm (R7s) • 450mm x 320mm • 11.5kg.	Patt. 749	Floodlight • 70° (hp), 105° (tp) • 8,000 cds • 1000W • 1000W T/11 • 425mm x 425mm • 12kg. • 21 028 00 •
Patt. 252	Effects projector • 2000W effects projector • 2000W • 2000W CP/53 (P40s) • 16.5kg.	Patt. 750	Beamlight • 5° (hp), 9° (tp) • 330,000cds • 15m • 1000W • 1000W T/11 • 300mm x 300mm • 4.2kg. • 21 010 0T
Patt. 253	Profile spot • with iris, shutters • 24° (hp), 37° (tp) • 94500cds • 18m • 2000W • 2000W tubular lamp (P40) • 250mm x 250mm • 24.5kg.	Patt. 752	Scene projector • High-intensity effects and scene projector • 4000W • 4000W 110V 4M/T32 (Bi38) • 67kg.
Patt. 253TV	Profile spot with iris, shutters, TV spigot • 24° (hp), 37° (tp) •	Patt. 763	Profile spot • 14° (hp), 20° (tp) • 82,000cds • 13m • 1000W •

Patt. 764 hard	1000W T/9 • 190mm x 190mm • 8.1kg. • 21 030 04 • Bifocal profile spot • with & soft shutters • 14° (hp), 20° (tp) • 82,000cds • 13m • 1000W • 1000W T/9 • 190mm x 190mm • 8.1kg. • 21 030 04	Patt. 833	Fresnel spotlight • replace- ment for Patt.45 • 8/42° (hp), 15/48° (tp) • 3000 / 22,000cds • 8m • 500W • 500W T/1 • 165mm x 165mm • 5.7kg • 20 320 04
Patt. 765	Followspot • 1000W CSI • 11° (hp), 14° (tp) • 770,000cds • 22m • 1000W • 1000W CSI (G22) • 300mm x 300mm • 31.7kg. • 21 051 04	Patt. S/63	S-batten • 3-circuit compart- ment batten • 90° (hp), 105° (tp) • 150W x 8 • 150W E27 (ES) • 210mm x 235mm • 14.5kg • 20 280 03
Patt. 774	Bifocal spotlight • narrow angle, with hard & soft shut- ters • 10° (hp), 12° (tp) • 134000 • 20m • 1000W • 1000W T/9 (GX9.5) • 215mm x 215mm • 12.6kg • 21 070 03 •	Patt. S/63/F	S-batten • 3-circuit footlight/ groundrow • 90° (hp), 105° (tp) • 150W x 8 • 150W E27 (ES) • 210mm x 235mm • 13.6kg • 20 281 09
Patt. 793	Followspot • 8° (hp), 13° (tp) • 400,000cds • 24m • 2000W • 2000W CP/56 • 300mm x 300mm • 27.2kg. • 21 200 01	Patt. S/64	S-batten • 4-circuit compart ment batten • 90° (hp), 105° (tp) • 150W x 8 • 150W E27 (ES) • 205mm x 235mm • 14.5kg • 20 290 00
Patt. 803	Fresnel spotlight • replace- ment for Patt. 123 • 6.5/54° (hp), 13/60° (tp) • 6000 / 62,500cds • 10m • 650W • 650W T/13 or T/17 • 165mm x 165mm • 5.9kg. • 21 302 07 •	Patt. S/64/F	S-batten • 4-circuit footlight/ groundrow • 90° (hp), 105° (tp) • 150W x 8 • 150W E27 (ES) • 210mm x 235mm • 13.6kg • 20 291 06
Patt. 808	Profile spotlight • variable spread • 9/17° (hp), 12/22° (tp) • 105,000 / 285,000cds • 24m • 2000W • 2000W CP/43 or CP/79 • 215mm x 215mm 21.5kg • 21 304 08	Harmony 12	narrow angle profile spot • 10.5° (hp), 11.5° (tp) • 145,500cds • 18m • 1000W • 1000W RSE/18 • 185mm x 185mm • 11.5kg • 22 415 0T
Patt. 813	Profile spot • variable beam • 15.5/19.5° (hp), 22/35° (tp) • 32,500 / 58,000cds • 12m • 650W • 650W T/13 or 500W T/17 • 165mm x 165mm • 6.8kg • 21 301 01	Harmony 15/28	variable spread profile spot • 9.5/27.5° (hp), 15/28° (tp) • 34,500 / 145,000cds • 6-17m • 1000W • 1000W RSE/18 • 185mm x 185mm • 11.7kg • 22 412 05
Patt. 814	PC • 5/54° (hp), 8.5/58° (tp) • 7000 / 125,000cds • 12m • 1000W • 1000W T/11 • 165mm x 165mm • 6kg • 21 307 04	Harmony 22	profile spot • 9.5/20° (hp), 23° (tp) • 109,000cds • 15m • 1000W • 1000W RSE/18 • 185mm x 185mm • 11.1kg • 22 410 04
Patt. 818	Followspot • variable spread • 7/20° (hp), 12/21° (tp) • 120,000 / 400,000cds • 24m • 2000W • 2000W CP/79 • 215mm x 215mm • 25kg • 21 305 03	Harmony 22/40	variable spread profile spot • 14/36.5° (hp), 22/42° (tp) • 23250 / 94,000cds • 12m • 1000W • 1000W RSE/18 • 185mm x 22 419 03
Patt. 823	Profile spotlight • with pris- matic lens • 11° (hp), 22° (tp) • 55,000cds • 12m • 650W • 650W T13 or 500W T/17 • 165mm x 165mm • 5.6kg • 21 300 06	Harmony F	fresnel spot • 6.5/52° (hp), 13.5/58.5° (tp) • 13,000 / 121,000 cds • 15m • 1000W • 1000W RSE/18 • 185mm x 5.9kg • 22 512 0T
Patt. 828	Fresnel spotlight • 8.5/55° (hp), 15/63° (tp) • 21,750 / 244,000cds • 18m • 2000W • 2000W CP/43 • 215mm 240mm • 10kg • 21 306 09	Harmony PC	PC spot • 3.75/56° (hp), 6.5/60° (tp) • 8,600 / 225,000 cds • 18m • 1000W • 1000W RSE/18 • 185mm x 185mm • 5.9kg • 22 514 00
		Minim 23	profile spot • 18° (hp), 28° (tp) • 23,000cds • 8m • 500W • 500W RSE 18 • 125mm x 125mm • 3.85kg • 22 310 0T
		Minim F	Fresnel spotlight • 12.5/55° (hp), 24/65° (tp) • 6,000 / 25,000 cds • 10m • 500W •

Minim PC	500W RSE18 • 125mm x 125mm • 2.25kg • 22 300 10 PC spotlight • 7/47° (hp), 12.5/53° (tp) • 6,000 / 47,000 cds • 13.5m • 500W • 500W RSE18 • 125mm x 125mm • 2.25kg • 22 315 07	Cadenza 19/32	(hp), 12/22° (tp) • 180,000 / 432,000 cds • 28m • 2000W • 2000W RSE79 • 245mm x 245mm • 22.8kg • 22 420 50 variable spread profile spot • 9/10° (hp), 19/32° (tp) • 184,400 / 382,500cds • 18m • 2000W • 2000W RSE79 • 245mm x 245mm • 22.2kg • 22 424 03
Minispot	Mini-Fresnel with integral transformer • 20/40° (hp) • 100W • 12V 100W (G6.35) • 2.6kg • 22 106 06	Cadenza 19/32	variable spread profile spot with rotating gate • 9/10° 19/32° (tp) • 184,400 / 382,500cds • 18m • 2000W • 2000W RSE79 • 245mm x 245mm • 22.2kg • 22 424 50
Minispot	Mini-Fresnel with ceiling plate • 20/40° (hp) • 100W • 12V 100W (G6.35) • 0.8kg • 22 104 05	(hp), Cadenza 9/15	variable spread profile spot • 8/13.5° (hp), 9/15° (tp) • 248,000 / 565,000cds • 30m • 2000W • 2000W RSE79 • 245mm x 245mm • 24kg • 22 421 00
Minispot	Mini-Fresnel with wall plate • 20/40° (hp) • 100W • 12V 100W (G6.35) • 0.8kg • 22 104 3T	Cadenza 9/15	variable spread profile spot, with rotating gate • 8/13.5° (hp), 9/15° (tp) • 248,000 / 565,000cds • 30m • 2000W • 2000W RSE79 • 245mm x 245mm • 24kg • 22 421 50
Minispot	Mini-Profile with transformer • 20/40° (hp) • 100W • 12V 100W (G6.35) • 2.6kg • 22 105 00	Cadenza EP	Effects projector • 2000W • 2000W RSE79 • 14.5kg • 22 524 10
Minispot	Mini-Profile with ceiling plate • 20/40° (hp) • 100W • 12V 100W (G6.35) • 0.9kg • 22 101 09	Cadenza F	Fresnel spotlight • 7/62° (hp), 13/70° (tp) • 28,000 / 350,000 cds • 20m • 2000W • 2000W RSE79 • 245mm x 245mm • 12.2kg • 22 522 07
Minispot	Mini-Profile with wall plate • 20/40° (hp) • 100W • 12V 100W (G6.35) • 0.9kg • 22 101 33	Cadenza PC	Fresnel spotlight • 4/61° (hp), 7.5/68° (tp) • 28,000 / 570,000 cds • 20m • 2000W • 2000W RSE79 • 245mm x 245mm • 15.2kg • 22 524 08
T64	Bifocal profile spot • 16/25° (hp), 30° (tp) • 34,000 / 58,000cds • 12m • 1000W • 1000W T/11 • 165mm x 165mm • 10kg • 21 031 0T	Cantata 11/26	profile spotlight • 7/24.5° (hp), 11/26° (tp) • 47,000 / 254,800 cds • 14m • 1200W • 1200W RSE29 or RSE90 • 185mm x 185mm • 12.8 • 22 611 26
T84	Zoom profile spot • 13/25° (hp), 15/28° (tp) • 26,000 / 92,500cds • 14m • 1000W • 1000W T/11 • 165mm x 165mm • 12.5kg • 21 040 01	Cantata 18/32	profile spotlight • 8.5/30° (hp), 18/32° (tp) • 38,000 / 175,500cds • 12m • 1200W • 1200W RSE29 or RSE90 • 185mm x 185mm • 12kg • 22 618 32

Current Luminaires

Beamlite 1000	narrow angle beamlight • 4.7° (hp), 7° (tp) • 1,550,000 cds • 50m • 1000W • 1000W 24V • 365mm x 365mm • 17kg • 22 100 10	Cantata 26/44	profile spotlight • 13/42° (hp), 26/44° (tp) • 17,320 / 105,450 cds • 12m • 1200W • 1200W RSE29 or RSE90 • 185mm x 185mm • 11kg • 22 626 44
Beamlite 500	narrow angle beamlight • 4.2° (hp), 6.9° (tp) • 672,000 cds • 30m • 500W • 500W 24V • 275mm x 275mm • 13kg • 22 100 05	Cantata F (hp),	fresnel spotlight • 7.7/50° 16/59° (tp) • 10,900 / 123,250cds • 16m • 1200W • 1200W RSE29 or RSE90 • 185mm x 185mm • 5.8kg • 22 628 00
Cadenza 12/22	variable spread profile spot • 7/16.5° (hp), 12/22° (tp) • 180,000 / 432,000 cds • 28m • 2000W • 2000W RSE79 • 245mm x 245mm • 22.8kg • 22 420 01		
Cadenza 12/22	variable spread profile spot with rotating gate • 7/16.5°		

Cantata PC	PC spotlight • 4.2/49° (hp), 8/60° (tp) • 14,300 / 206,000 cds • 18m • 1200W • 1200W RSE29 or RSE90 • 185mm x 185mm • 7.2kg • 22 628 02	Prelude 16/30	4m • 500W • 500W K1, 300W K9, 200W K11 • 3.7kg • 22 720 00
Coda 500/1	Single cyclight • 66° (hp), 98° (tp) • 6m • 500W • 500W K1 • 3.75kg • 22 710 00		variable spread profile spot • 16.5/33.5° (hp), 28/40° (tp) • 15,500 / 36,500cds • 9m • 650W • 650W RSE/26, 500W RSE/18 • 150mm x 150mm • 6.5kg • 22 402 08
Coda 500/3	3-compartment cyclight • 66° (hp), 98° (tp) • 6m • 500W x 3 • 500W K1 • 8.1kg • 22 713 00	Prelude 28/40	variable spread profile spot • 16.5/33.5° (hp), 28/40° (tp) • 15,500 / 36,500cds • 9m • 650W • 650W RSE/26, 500W RSE/18 • 150mm x 150mm • 6.3kg • 22 405 04
Coda 500/4	4-compartment cyclight • 66° (hp), 98° (tp) • 6m • 500W x 4 • 500W K1 • 10.1kg • 22 714 00		
Leko 11	axial profile spotlight • 8° (hp), 14° (tp) • 215,900cds • 18m • 1000W • 1000W CP77 • 6.9kg • 77 021 13	Prelude F	Fresnel spotlight • 9/40° (hp), 17/52° (tp) • 12,000 / 56,000cds • 12m • 650W • 650W RSE/26, 500W RSE/18 • 150mm x 150mm • 3.5kg • 22 500 01
Leko 18	axial profile spotlight • 11° (hp), 21° (tp) • 114,600cds • 16m • 1000W • 1000W CP77 • 6.5kg • 77 022 16	Prelude PC	PC spotlight • 7.5/55° (hp), 15/60° (tp) • 7000 / 54,500cds • 12m • 650W • 650W RSE/26, 500W RSE/18 • 150mm x 150mm • 3.5kg • 22 502 02
Leko 26	axial profile spotlight • 15° (hp), 30° (tp) • 90,300cds • 14m • 1000W • 1000W CP77 • 6.5kg • 77 022 12		
Leko 40	axial profile spotlight • 18° (hp), 45° (tp) • 72,300cds • 14m • 1000W • 1000W CP77 • 6.9kg • 77 022 09	Quartet 22/40	variable spread profile spot • 16/36.5° (hp), 22/40° (tp) • 5217 / 39,642 cds • 8m • 650W • 650W RSE26 • 150mm x 150mm • 4.8kg • 22 400 20
Miniflood •	single flood light • 100-250W 100W, 150W or 250W linear TH lamp • 1kg • 19 600 00	Quartet 25	profile spot • 15/23° (hp), 25° (tp) • 20,089 / 34,668 cds • 10m • 650W • 650W RSE26 • 150mm x 150mm • 4.4kg • 22 400 23
Miniflood 4	4-compartment flood batten • 100-250W • 100W, 150W or 250W linear TH lamp • 1kg • 19 600 40		
Miniflood 4G	4-compartment groundrow • 100-250W • 100W, 150W or 250W linear TH lamp • 1kg • 19 600 45	Quartet F	fresnel spotlight • 10/40.5° (hp), 20/54° (tp) • 11,400 / 54,500 cds • 12m • 650W • 650W RSE26 • 150mm x 150mm • 3.1kg • 22 400 01
Minim F	Fresnel spotlight • 13/40° (hp), 27/53° (tp) • 6,570 / 17,630 cds • 10m • 300W • 300W CP81 • 125mm x 125mm • 2.25kg • 22 300 10	Quartet PC	PC spotlight • 7.5/55° (hp), 12.5/65° (tp) • 7000 / 61,300 cds • 12m • 650W • 650W RSE26 • 150mm x 150mm • 3.3kg • 22 400 05
Minim PC	PC spotlight • 7.5/52° (hp), 13/60° (tp) • 3650 / 33,700 cds • 10m • 300W • 300W CP81 • 125mm x 125mm • 2.25kg • 22 315 07	Solo 2K	followspot • 8/13.5° (hp), 9/15° (tp) • 285,000 / 650,000cds • 35m • 2000W • 2000W RSE79 • 245mm x 245mm • 30.5kg • 22 525 00
Nocturne 1000 Mk2	1000W symmetric floodlight • 84° (hp), 116° (tp) • 5800cds • 6m • 1000W • 1000W K4 • 4.3kg • 22 721 00	Solo CSI	followspot • 6.5/10.25° (hp), 9/15° (tp) • 1,020,000 / 1,700,000cds • 45m • 1000W • 1000W CSI or CID (G22) • 245mm x 245mm • 30.5kg • 22 526 00
Nocturne 500 Mk2	500W symmetric floodlight • 66° (hp), 98° (tp) • 3500cds •		