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Disclaimer: The power load calculations provided are based on the maximum power consumption (bright setting) for each Circle (C) and H module, with a power rating of 8W per module. The actual power load may vary depending on the operating settings or dimming levels in different scenarios. Each helideck configuration should be evaluated individually, taking into account the specific number of Circle and H modules installed in that configuration, as well as the operational settings. It is recommended to verify the total number of modules and operating conditions to ensure accurate power load calculations.

1. Power Specifications (per module):

- **Voltage:** 24VDC ($\pm 10\%$)
- **Current:** Maximum 377mA (0.377A)
- **Power:** Maximum 8W (bright setting)

2. Smallest Configuration 9952 107 (D-value 15.89 - 16.55 meters):

- **Circle (C) modules:** 28 modules
- **H modules:** 34 modules

Power Calculation:

- **Circle (C) modules:** Total Power (C) = $27 \times 8W = 216 W$
- **H modules:** Total Power (H) = $34 \times 8W = 272W$
- **Total Power for Smallest Configuration:** Total Power = $216W + 272W = 488 W$

3. Largest Configuration 9952 124(D-value 27.93 - 28.59 meters):

- **Circle (C) modules:** 44 modules
- **H modules:** 34 modules

Power Calculation:

- **Circle (C) modules:** Total Power (C) = $45 \times 8W = 360W$
 - **H modules:** Total Power (H) = $34 \times 8 W = 272 W$
 - **Total Power for Largest Configuration:** Total Power = $360W + 272W = 632W$
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4. Summary of Power Load Calculations:

Configuration	Circle Modules	H Modules	Total Power (W)
9952107	27	34	488
9952108	28	34	496
9952109	29	34	504
9952110	30	34	512
9952111	31	34	520
9952112	32	34	528
9952113	33	34	536
9952114	34	34	544
9952115	35	34	552
9952116	36	34	560
9952117	37	34	568
9952118	38	34	576
9952119	39	34	584
9952120	40	34	592
9952121	41	34	600
9952122	42	34	608
9952123	43	34	616
9952124	44	34	624
9952125	45	34	632
9952107	27	34	488
9952108	28	34	496
9952109	29	34	504
9952110	30	34	512
9952111	31	34	520
9952112	32	34	528
9952113	33	34	536
9952114	34	34	544
9952115	35	34	552
9952116	36	34	560
9952117	37	34	568
9952118	38	34	576
9952119	39	34	584
9952120	40	34	592
9952121	41	34	600
9952122	42	34	608
9952123	43	34	616
9952124	44	34	624
9952125	45	34	632