

Pleiad G4 165



Black Reflector



White Reflector



Key Family Details

| | | | |
|-----------------------------|---|-------|--|
| Optical System: | Fresnel lens + reflector (matt, black or white) | | |
| Mounting Type: | Recessed | | |
| Colour Consistency Initial: | 3 SDCM | | |
| Finish Options: | White | | |
| System Warranty: | 5 years | | |
| CRI (Ra): | 90+ | | |
| CCT: | 3000K | 4000K | |
| R9: | - | - | |
| COI Compliant: | No | Yes | |
| Melanopic Ratio | - | - | |

Application

Pleiad G4 is the latest evolution of Fagerhult's classic downlight series. A wider range of downlights with focus on lighting comfort and energy efficiency. The combination of the different luminaire models and an ambitious range of lumen packages and reflectors makes it possible to offer a solution for every downlight requirement on a project, even in offices.

Design

Luminaire body in cast aluminium. Visible reflector ring in white aluminium (RAL 9003). The luminaire is supplied with dust protection over the light opening. IP64 under a suspended ceiling, IP20 above a suspended ceiling. Luminaire body Class III. The supplied driver must be connected to the protective earth.

Optics

Reflector of matt metallised aluminium, white (RAL 9003) or black (RAL 9005) finish. Reflector ring in white aluminium (RAL 9003). Lens of clear acrylic.

Control

Fixed output or CLO (Constant Light Output) and DALI/Phase-pulse control as standard.

Installation

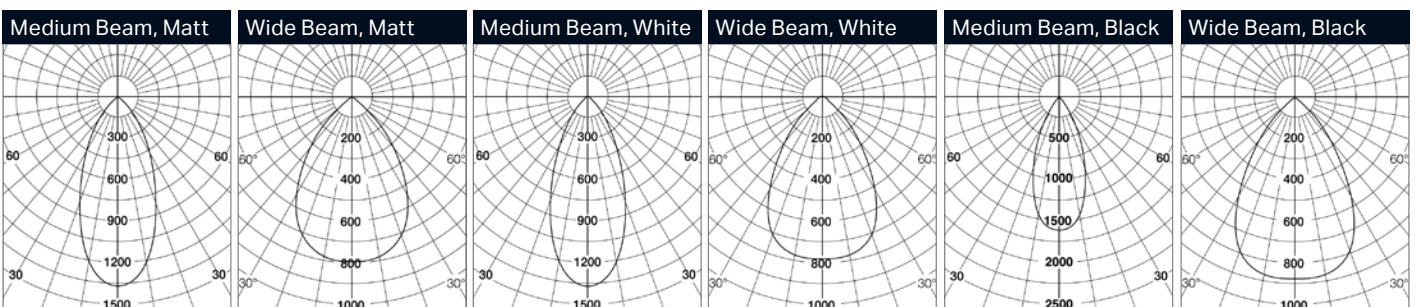
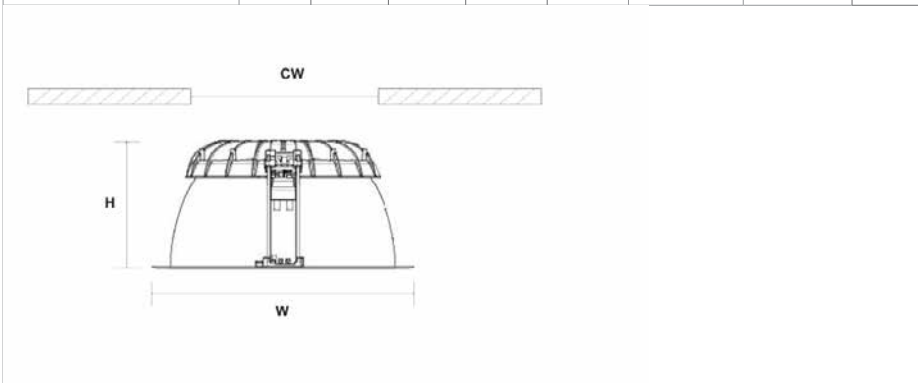
Recessed mounting in unventilated or ventilated suspended ceilings. Separate driver and installation clip for easy and tool-free installation supplied as standard. An assembly plate must be used when mounting on soft tile ceilings, see accessories. For detailed information, see the installation instructions.

Notes

Tunable White and RGBW available. Refer to Fagerhult website for details.

Mechanical Drawing

| Physical Parameters | Luminaire Dimensions | | | Aperture Size | | Cutout Size | | Weight |
|---------------------|----------------------|------|--------|---------------|--------|-------------|------------|--------|
| Code | W [mm] | [mm] | H [mm] | D [mm] | E [mm] | Acout [mm] | Bcout [mm] | [kg] |
| All versions | 183 | | 98 | - | - | 165 | 5-50 mm* | 0.5 |



Pleiad G4 165



| NON-DIM | | | | | | | | | | | |
|------------------------------|-----------|---------------------|-----------------------|-----------------|--------------|-------------------|-----|-----|------|-----------|--------|
| Code | Power [W] | Systems Lumens [lm] | Luminaire Lumens [lm] | Efficacy [lm/W] | Size [mmxmm] | LLMF L90B50 [hrs] | CRI | CLO | CCT | Reflector | Beam |
| System Lumens: 1250lm | | | | | | | | | | | |
| FG-73043-0 | 10 | 1250 | 1109 | 111 | 183x98 | 100,000 | 90 | - | 3000 | Matt | Medium |
| FG-73062-0 | 10 | 1250 | 1058 | 106 | 183x98 | 100,000 | 90 | - | 3000 | White | Medium |
| FG-73025-0 | 10 | 1250 | 912 | 91 | 183x98 | 100,000 | 90 | - | 3000 | Black | Medium |
| FG-73048-0 | 10 | 1250 | 1258 | 126 | 183x98 | 100,000 | 90 | - | 3000 | Matt | Wide |
| FG-73067-0 | 10 | 1250 | 1050 | 105 | 183x98 | 100,000 | 90 | - | 3000 | White | Wide |
| FG-73030-0 | 10 | 1250 | 908 | 91 | 183x98 | 100,000 | 90 | - | 3000 | Black | Wide |
| FG-73046-0 | 10 | 1250 | 1191 | 119 | 183x98 | 100,000 | 90 | - | 4000 | Matt | Medium |
| FG-73064-0 | 10 | 1250 | 1136 | 114 | 183x98 | 100,000 | 90 | - | 4000 | White | Medium |
| FG-73027-0 | 10 | 1250 | 979 | 98 | 183x98 | 100,000 | 90 | - | 4000 | Black | Medium |
| FG-73032-0 | 10 | 1250 | 975 | 98 | 183x98 | 100,000 | 90 | - | 4000 | Black | Wide |
| FG-73050-0 | 10 | 1250 | 1177 | 118 | 183x98 | 100,000 | 90 | - | 4000 | Matt | Wide |
| FG-73069-0 | 10 | 1250 | 1128 | 113 | 183x98 | 100,000 | 90 | - | 4000 | White | Wide |
| System Lumens: 1750lm | | | | | | | | | | | |
| FG-73283-0 | 14 | 1750 | 1476 | 105 | 183x98 | 100,000 | 90 | - | 3000 | Matt | Medium |
| FG-73291-0 | 14 | 1750 | 1409 | 101 | 183x98 | 100,000 | 90 | - | 3000 | White | Medium |
| FG-73275-0 | 14 | 1750 | 1214 | 87 | 183x98 | 100,000 | 90 | - | 3000 | Black | Medium |
| FG-73287-0 | 14 | 1750 | 1460 | 104 | 183x98 | 100,000 | 90 | - | 3000 | Matt | Wide |
| FG-73295-0 | 14 | 1750 | 1399 | 100 | 183x98 | 100,000 | 90 | - | 3000 | White | Wide |
| FG-73285-0 | 14 | 1750 | 1586 | 113 | 183x98 | 100,000 | 90 | - | 4000 | Matt | Medium |
| FG-73293-0 | 14 | 1750 | 1513 | 108 | 183x98 | 100,000 | 90 | - | 4000 | White | Medium |
| FG-73277-0 | 14 | 1750 | 1304 | 93 | 183x98 | 100,000 | 90 | - | 4000 | Black | Medium |
| FG-73279-0 | 14 | 1750 | 1209 | 86 | 183x98 | 100,000 | 90 | - | 3000 | Black | Wide |
| FG-73289-0 | 14 | 1750 | 1568 | 112 | 183x98 | 100,000 | 90 | - | 4000 | Matt | Wide |
| FG-73297-0 | 14 | 1750 | 1503 | 107 | 183x98 | 100,000 | 90 | - | 4000 | White | Wide |
| FG-73281-0 | 14 | 1750 | 1299 | 93 | 183x98 | 100,000 | 90 | - | 4000 | Black | Wide |
| System Lumens: 2550lm | | | | | | | | | | | |
| FG-73054-0 | 21 | 2550 | 2270 | 108 | 183x98 | 100,000 | 90 | - | 3000 | Matt | Medium |
| FG-73072-0 | 21 | 2550 | 2188 | 104 | 183x98 | 100,000 | 90 | - | 3000 | White | Medium |
| FG-73035-0 | 21 | 2550 | 1777 | 85 | 183x98 | 100,000 | 90 | - | 3000 | Black | Medium |
| FG-73058-0 | 21 | 2550 | 2277 | 108 | 183x98 | 100,000 | 90 | - | 3000 | Matt | Wide |
| FG-73076-0 | 21 | 2550 | 2169 | 103 | 183x98 | 100,000 | 90 | - | 3000 | White | Wide |
| FG-73039-0 | 21 | 2550 | 1779 | 85 | 183x98 | 100,000 | 90 | - | 3000 | Black | Wide |
| FG-73056-0 | 21 | 2550 | 2439 | 116 | 183x98 | 100,000 | 90 | - | 4000 | Matt | Medium |
| FG-73074-0 | 21 | 2550 | 2350 | 112 | 183x98 | 100,000 | 90 | - | 4000 | White | Medium |
| FG-73037-0 | 21 | 2550 | 1908 | 91 | 183x98 | 100,000 | 90 | - | 4000 | Black | Medium |
| FG-73060-0 | 21 | 2550 | 2446 | 116 | 183x98 | 100,000 | 90 | - | 4000 | Matt | Wide |
| FG-73078-0 | 21 | 2550 | 2329 | 111 | 183x98 | 100,000 | 90 | - | 4000 | White | Wide |
| FG-73041-0 | 21 | 2550 | 1911 | 91 | 183x98 | 100,000 | 90 | - | 4000 | Black | Wide |
| System Lumens: 3650lm | | | | | | | | | | | |
| FG-73307-0 | 30 | 3650 | 3059 | 102 | 183x98 | 100,000 | 90 | - | 3000 | Matt | Medium |
| FG-73315-0 | 30 | 3650 | 2948 | 98 | 183x98 | 100,000 | 90 | - | 3000 | White | Medium |
| FG-73299-0 | 30 | 3650 | 2393 | 80 | 183x98 | 100,000 | 90 | - | 3000 | Black | Medium |
| FG-73311-0 | 30 | 3650 | 3068 | 102 | 183x98 | 100,000 | 90 | - | 3000 | Matt | Wide |
| FG-73319-0 | 30 | 3650 | 2922 | 97 | 183x98 | 100,000 | 90 | - | 3000 | White | Wide |
| FG-73303-0 | 30 | 3650 | 2396 | 80 | 183x98 | 100,000 | 90 | - | 3000 | Black | Wide |
| FG-73309-0 | 30 | 3650 | 3285 | 110 | 183x98 | 100,000 | 90 | - | 4000 | Matt | Medium |
| FG-73317-0 | 30 | 3650 | 3166 | 106 | 183x98 | 100,000 | 90 | - | 4000 | White | Medium |
| FG-73301-0 | 30 | 3650 | 2571 | 86 | 183x98 | 100,000 | 90 | - | 4000 | Black | Medium |
| FG-73313-0 | 30 | 3650 | 3295 | 110 | 183x98 | 100,000 | 90 | - | 4000 | Matt | Wide |
| FG-73321-0 | 30 | 3650 | 3138 | 105 | 183x98 | 100,000 | 90 | - | 4000 | White | Wide |
| FG-73305-0 | 30 | 3650 | 2574 | 86 | 183x98 | 100,000 | 90 | - | 4000 | Black | Wide |

Pleiad G4 165



| DALI AND CLO | | | | | | | | | | | |
|------------------------------|-----------|---------------------|-----------------------|-----------------|--------------|--------------------|-----|-----|------|-----------|--------|
| Code | Power [W] | Systems Lumens [lm] | Luminaire Lumens [lm] | Efficacy [lm/W] | Size [mmxmm] | LLMF L100B50 [hrs] | CRI | CLO | CCT | Reflector | Beam |
| System Lumens: 1250lm | | | | | | | | | | | |
| FG-73043-402 | 9 | 1250 | 998 | 111 | 183x98 | 100,000 | 90 | Yes | 3000 | Matt | Medium |
| FG-73062-402 | 9 | 1250 | 952 | 106 | 183x98 | 100,000 | 90 | Yes | 3000 | White | Medium |
| FG-73025-402 | 9 | 1250 | 820 | 91 | 183x98 | 100,000 | 90 | Yes | 3000 | Black | Medium |
| FG-73048-402 | 9 | 1250 | 1133 | 126 | 183x98 | 100,000 | 90 | Yes | 3000 | Matt | Wide |
| FG-73067-402 | 9 | 1250 | 945 | 105 | 183x98 | 100,000 | 90 | Yes | 3000 | White | Wide |
| FG-73030-402 | 9 | 1250 | 817 | 91 | 183x98 | 100,000 | 90 | Yes | 3000 | Black | Wide |
| FG-73046-402 | 9 | 1250 | 1072 | 119 | 183x98 | 100,000 | 90 | Yes | 4000 | Matt | Medium |
| FG-73064-402 | 9 | 1250 | 1022 | 114 | 183x98 | 100,000 | 90 | Yes | 4000 | White | Medium |
| FG-73027-402 | 9 | 1250 | 881 | 98 | 183x98 | 100,000 | 90 | Yes | 4000 | Black | Medium |
| FG-73032-402 | 9 | 1250 | 878 | 98 | 183x98 | 100,000 | 90 | Yes | 4000 | Black | Wide |
| FG-73050-402 | 9 | 1250 | 1059 | 118 | 183x98 | 100,000 | 90 | Yes | 4000 | Matt | Wide |
| FG-73069-402 | 9 | 1250 | 1015 | 113 | 183x98 | 100,000 | 90 | Yes | 4000 | White | Wide |
| System Lumens: 1750lm | | | | | | | | | | | |
| FG-73283-402 | 12 | 1750 | 1329 | 111 | 183x98 | 100,000 | 90 | Yes | 3000 | Matt | Medium |
| FG-73291-402 | 12 | 1750 | 1268 | 106 | 183x98 | 100,000 | 90 | Yes | 3000 | White | Medium |
| FG-73275-402 | 12 | 1750 | 1093 | 91 | 183x98 | 100,000 | 90 | Yes | 3000 | Black | Medium |
| FG-73287-402 | 12 | 1750 | 1314 | 110 | 183x98 | 100,000 | 90 | Yes | 3000 | Matt | Wide |
| FG-73295-402 | 12 | 1750 | 1259 | 105 | 183x98 | 100,000 | 90 | Yes | 3000 | White | Wide |
| FG-73285-402 | 12 | 1750 | 1427 | 119 | 183x98 | 100,000 | 90 | Yes | 4000 | Matt | Medium |
| FG-73293-402 | 12 | 1750 | 1362 | 114 | 183x98 | 100,000 | 90 | Yes | 4000 | White | Medium |
| FG-73277-402 | 12 | 1750 | 1174 | 98 | 183x98 | 100,000 | 90 | Yes | 4000 | Black | Medium |
| FG-73279-402 | 12 | 1750 | 1088 | 91 | 183x98 | 100,000 | 90 | Yes | 3000 | Black | Wide |
| FG-73289-402 | 12 | 1750 | 1411 | 118 | 183x98 | 100,000 | 90 | Yes | 4000 | Matt | Wide |
| FG-73297-402 | 12 | 1750 | 1352 | 113 | 183x98 | 100,000 | 90 | Yes | 4000 | White | Wide |
| FG-73281-402 | 12 | 1750 | 1169 | 97 | 183x98 | 100,000 | 90 | Yes | 4000 | Black | Wide |
| System Lumens: 2550lm | | | | | | | | | | | |
| FG-73054-402 | 18 | 2550 | 2043 | 114 | 183x98 | 100,000 | 90 | Yes | 3000 | Matt | Medium |
| FG-73072-402 | 18 | 2550 | 1969 | 109 | 183x98 | 100,000 | 90 | Yes | 3000 | White | Medium |
| FG-73035-402 | 18 | 2550 | 1599 | 89 | 183x98 | 100,000 | 90 | Yes | 3000 | Black | Medium |
| FG-73058-402 | 18 | 2550 | 2049 | 114 | 183x98 | 100,000 | 90 | Yes | 3000 | Matt | Wide |
| FG-73076-402 | 18 | 2550 | 1952 | 108 | 183x98 | 100,000 | 90 | Yes | 3000 | White | Wide |
| FG-73039-402 | 18 | 2550 | 1601 | 89 | 183x98 | 100,000 | 90 | Yes | 3000 | Black | Wide |
| FG-73056-402 | 18 | 2550 | 2195 | 122 | 183x98 | 100,000 | 90 | Yes | 4000 | Matt | Medium |
| FG-73074-402 | 18 | 2550 | 2115 | 118 | 183x98 | 100,000 | 90 | Yes | 4000 | White | Medium |
| FG-73037-402 | 18 | 2550 | 1717 | 95 | 183x98 | 100,000 | 90 | Yes | 4000 | Black | Medium |
| FG-73060-402 | 18 | 2550 | 2201 | 122 | 183x98 | 100,000 | 90 | Yes | 4000 | Matt | Wide |
| FG-73078-402 | 18 | 2550 | 2097 | 117 | 183x98 | 100,000 | 90 | Yes | 4000 | White | Wide |
| FG-73041-402 | 18 | 2550 | 1720 | 96 | 183x98 | 100,000 | 90 | Yes | 4000 | Black | Wide |
| System Lumens: 3650lm | | | | | | | | | | | |
| FG-73307-402 | 26 | 3650 | 2753 | 106 | 183x98 | 100,000 | 90 | Yes | 3000 | Matt | Medium |
| FG-73315-402 | 26 | 3650 | 2653 | 102 | 183x98 | 100,000 | 90 | Yes | 3000 | White | Medium |
| FG-73299-402 | 26 | 3650 | 2154 | 83 | 183x98 | 100,000 | 90 | Yes | 3000 | Black | Medium |
| FG-73311-402 | 26 | 3650 | 2761 | 106 | 183x98 | 100,000 | 90 | Yes | 3000 | Matt | Wide |
| FG-73319-402 | 26 | 3650 | 2630 | 101 | 183x98 | 100,000 | 90 | Yes | 3000 | White | Wide |
| FG-73303-402 | 26 | 3650 | 2157 | 83 | 183x98 | 100,000 | 90 | Yes | 3000 | Black | Wide |
| FG-73309-402 | 26 | 3650 | 2957 | 114 | 183x98 | 100,000 | 90 | Yes | 4000 | Matt | Medium |
| FG-73317-402 | 26 | 3650 | 2850 | 110 | 183x98 | 100,000 | 90 | Yes | 4000 | White | Medium |
| FG-73301-402 | 26 | 3650 | 2314 | 89 | 183x98 | 100,000 | 90 | Yes | 4000 | Black | Medium |
| FG-73313-402 | 26 | 3650 | 2965 | 114 | 183x98 | 100,000 | 90 | Yes | 4000 | Matt | Wide |
| FG-73321-402 | 26 | 3650 | 2824 | 109 | 183x98 | 100,000 | 90 | Yes | 4000 | White | Wide |
| FG-73305-402 | 26 | 3650 | 2316 | 89 | 183x98 | 100,000 | 90 | Yes | 4000 | Black | Wide |

| Accessories | |
|----------------|---|
| Code | Description |
| EL-ACC-295-000 | Retrofit ring to suit Pleiad Ø165-270mm ring WH |
| EL-ACC-291-000 | Anti-ligature attachment to compliment the Pleiad G4 165. |