


LIGHTING COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

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|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|
| Project & Applicant Information | Project Title | Planet Fitness - Puyallup - 2021 WSEC | For Building Department Use: |  | Date: Jun 02, 2025 |
| | Project Address | 4102 S Meridian Puyallup, WA 98373 | PRCTI20250853 | | |
| | Applicant Name | Patrick McMore | <div style="border: 2px solid red; padding: 5px;"> Full-Sized legible color report must be on site and made available by the Permittee for all inspections. </div> | | |
| | Applicant Phone | 518-898-9590 | | | |
| | Applicant Email | pmcmore@gpinet.com | | | |
| For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com | | | | | |

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|-------------------------------------|----------------|------------------------------------------------|----------------------------------|-------------------------------------|----------------------------------|----------------------|
| General Occupancy | All Commercial | | General Building Use Type | Entmt/Assembly, Fitness/Health Club | Building Cond. Floor Area | 19,781 |
| General Project Types | Alteration | New Building or Addition Lighting Scope | Alteration Lighting Scope | Interior Lighting | Project Cond. Floor Area | 19,781 |
| | | | | | Floors Above Grade | 1 |
| | | | | | Compliance Method | General Prescriptive |
| Lighting Project Description | | | | | | |

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|-------------------------------------------------------------|---------------------|----------------------------------------------------------------------------|------------------------------------|--------------------------|------------------------------------|--------------------------------|
| Lighting Compliance Scope and Method | Project Type | Interior / Exterior (Interior includes both interior & parking) | Luminaire Replacement Scope | Compliance Method | LPA Calculation Adjustment | Compliance Verification |
| | Alteration | Interior Lighting | 20% or more replaced | Space by space | No Calculation Adjustments allowed | COMPLIES |
| Additional Energy Efficiency (AEC) Measures Included | | | | | | t |

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|-----------------------------------|--------------------------------------------------------------|-----------------------------------|--------------------------------|-----------------|
| Project Title | Planet Fitness - Puyallup - 2021 WSEC | Date | Jun 02, 2025 | |
| Lighting Power Calculation | ALTERATION - INTERIOR LIGHTING (20% or more replaced) | | Compliance Verification | COMPLIES |
| Compliance Method | Space by space | LPA Calculation Adjustment | none | |

| Interior Lighting Power Allowance - Space by Space | | | | | | |
|----------------------------------------------------|---------------------|--------------------------|----------------|------------------------------------|------------------------------------------|-------------------|
| General Space Type | Specific Space Type | Gross Interior Area (SF) | LPA (Watts/SF) | Total Watts Allowed (SF x LPA x 1) | Total Proposed Watts (LPD + Display LPD) | Compliance Status |
| Locker room | | 2,262 | 0.52 | 1,176 | | |
| Gymnasium/fitness center | Exercise area | 144 | 0.90 | 130 | | |
| Gymnasium/fitness center | Exercise area | 168 | 0.90 | 151 | | |
| Gymnasium/fitness center | Exercise area | 11,074 | 0.90 | 9,967 | | |
| Gymnasium/fitness center | Exercise area | 11,074 | 0.90 | 9,967 | | |
| Gymnasium/fitness center | Exercise area | 154 | 0.90 | 139 | | |
| Gymnasium/fitness center | Exercise area | 297 | 0.90 | 267 | | |
| Gymnasium/fitness center | Exercise area | 14,800 | 0.90 | 13,320 | | |
| Gymnasium/fitness center | Exercise area | 1,827 | 0.90 | 1,644 | | |
| Proposed Total LPD | | | | | 6,330 | |
| Totals | | | | 36,760 | 6,330 | COMPLIES |

| Proposed Lighting Power Density | | | | | | |
|---------------------------------|------------|---------------------------|------------------------------------------|------------------------|------------------------------|------------------------------------------------|
| Fixture Type | Fixture ID | Quantity of Fixtures (#F) | Watts or Wattage Limit per Fixture (WpF) | Total Linear Feet (LF) | Watts per Linear Foot (WpLF) | Total Watts Proposed (#F x WpF) or (LF x WpLF) |
| Individual Fixtures | | | | | | |
| Troffer | J | 3 | 32 | | | 96 |

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|---------------------------|---------------------------|----------|----|-----|--|--------------|
| | Recessed downlight | G & GEM | 16 | 10 | | 160 |
| | Recessed downlight | H & HEM, | 8 | 10 | | 80 |
| | Recessed downlight | F & FEM | 3 | 10 | | 30 |
| | Wall-mounted | SM | 10 | 10 | | 100 |
| Linear Fixtures | | | | | | |
| | Line voltage track (120V) | B | 2 | 240 | | 480 |
| | Other fixture type | A & AEM | 50 | 100 | | 5,000 |
| | Other fixture type | L | 2 | 32 | | 64 |
| | Other fixture type | N1 | 4 | 64 | | 256 |
| | Other fixture type | L | 2 | 32 | | 64 |
| Proposed Total LPD | | | | | | 6,330 |

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|----------------------|----------------------------------------------|-------------|---------------------|

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| Proposed Fixtures Details | ALTERATION - INTERIOR LIGHTING (20% or more replaced) |
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| Fixture Type/Application | Fixture ID | Location in Documents | Lamp Type | New or Existing-to-Remain |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|--------------------------------------------------------|
| Individual Fixtures | | | | |
| Troffer | J | E201 | LED | New |
| | Fixture Description: TROFFER | | | Are these fixtures located within a daylight zone?: No |
| | Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, dedicated control | | | |
| Recessed downlight | G & GEM | LOCKER RMS | LED | New |
| | Fixture Description: LED DOWN LIGHTS | | | Are these fixtures located within a daylight zone?: No |
| | Do these fixtures require specific application lighting controls?: General display/accent lighting, occupancy or time switch | | | |
| Recessed downlight | H & HEM, | E201 | LED | New |
| | Fixture Description: RECESS DOWNLIGHT | | | Are these fixtures located within a daylight zone?: No |
| | Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, dedicated control | | | |
| Recessed downlight | F & FEM | E201 | LED | New |
| | Fixture Description: RECESS DOWNLIGHT | | | Are these fixtures located within a daylight zone?: No |
| | Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, dedicated control | | | |
| Wall-mounted | SM | E201 | LED | New |
| | Fixture Description: LED WALL SCONCE | | | Are these fixtures located within a daylight zone?: No |
| | Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, dedicated control | | | |
| Linear Fixtures | | | | |
| Line voltage track (120V) | B | E201 | LED | New |
| | How is linear fixture quantity defined?: Quantity of fixtures with current limiting device | | | Length of track (LT): |
| | Fixture Description: TRACK LIGHTING | | | Are these fixtures located within a daylight zone?: No |
| | Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, dedicated control | | | |
| Other fixture type | A & AEM | E201 | LED | New |
| | How is linear fixture quantity defined?: Quantity of fixtures with current limiting device | | | Length of track (LT): |
| | Fixture Description: LED HIGH BAY | | | Are these fixtures located within a daylight zone?: No |
| | Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, dedicated control | | | |
| Other fixture type | L | E201 | LED | New |
| | How is linear fixture quantity defined?: Quantity of fixtures with current limiting device | | | Length of track (LT): |
| | Fixture Description: SUSPENDED | | | Are these fixtures located within a daylight zone?: No |
| | Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, dedicated control | | | |
| Other fixture type | N1 | E201 | LED | New |
| | How is linear fixture quantity defined?: Quantity of fixtures with current limiting device | | | Length of track (LT): |
| | Fixture Description: SURFACE | | | Are these fixtures located within a daylight zone?: No |
| | Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, dedicated control | | | |
| Other fixture type | L | E201 | LED | New |
| | How is linear fixture quantity defined?: Quantity of fixtures with current limiting device | | | Length of track (LT): |
| | Fixture Description: SUSPENDED | | | Are these fixtures located within a daylight zone?: No |

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| | Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, dedicated control | |
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