

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		Full-Sized legible color report must be on site and made available by the Permittee for all inspections.	
	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					

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							

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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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

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

Project Title	Planet Fitness - Puyallup - 2021 WSEC				Date	Jun 02, 2025
Proposed Fixtures Details		ALTERATION - INTERIOR LIGHTING (20% or more replaced)				
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 LIGHING				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	

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