



Project:	
Location:	
Model#: WPG12040K-347V-BK	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

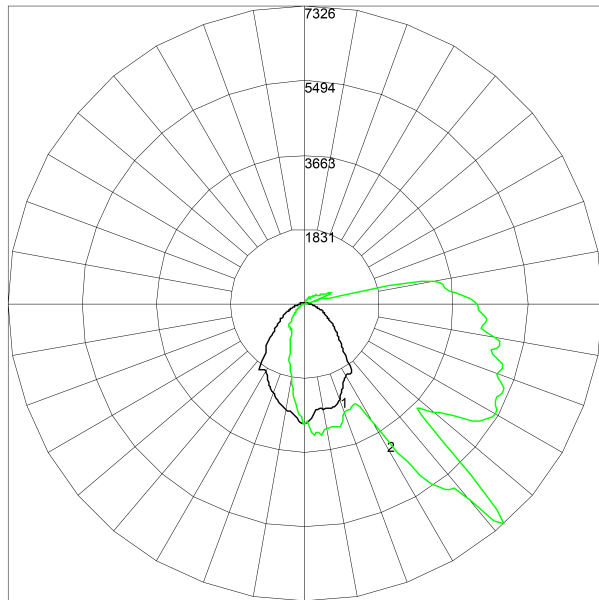


To supply TamLite WPG series of LED fixtures as specified. The luminaire shall operate at 347Vac, and use a CITIZEN® approved driver. The housing shall be constructed of powder-coated Aluminium with a hinged bolt-on case for replacement access and a tempered glass lens. A durable formed gasket shall be provided between the enclosure and the lens. The reflector shall be made of highly specular material and contoured to maximize light output efficiency. All parts shall be corrosion resistant. LEDs shall be as specified, CITIZEN® CLU038-1208 LED Chips. The LEDs shall be supplied with the luminaire. The luminaire shall be cULus Listed.



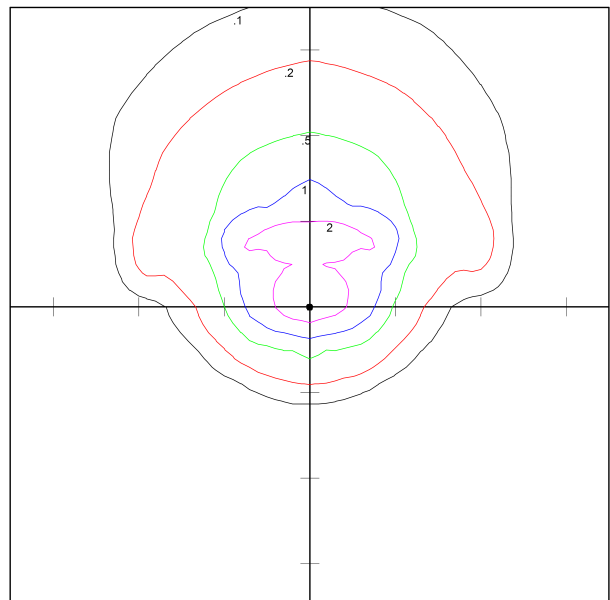
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 7325.54 Located At Horizontal Angle = 90, Vertical Angle = 42
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram



Tamlite Lighting
 QWP1205K-UNY
 TAMLITE 105W LED GLASS PACK

Horizontal Footcandles
 Scale: 1 inch = 30 Ft
 Light Loss Factor = 1.00
 Lumens Per Lamp = 12672
 Total Lamp Lumens = 12672
 Mounting Height = 30.00 Ft
 Maximum Calculated Value = 3.51 Fc
 Arrangement: Single

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Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	255.66	40-50	1741.77	80-90	1320.99	120-130	101.44	160-170	2.44
10-20	646.74	50-60	1586.96	90-100	979.27	130-140	68.07	170-180	0.3
20-30	878.7	60-70	1756.74	100-110	245.95	140-150	36.61	--	--
30-40	1331.38	70-80	1553.54	110-120	155.26	150-160	17.12	--	--

Initial Lumen Output: 15470lm

Luminaire Type: Wall Pack Non-Cut-off

Ambient Operating Temp: -40C to +40C

CCN Number: IFAM7.E359675

Efficacy: 131.9lm/W

Environmental Rating(s): IP65

Certification Standards: cETLus, DLC

Limited Product Warranty: 5 Year(s)

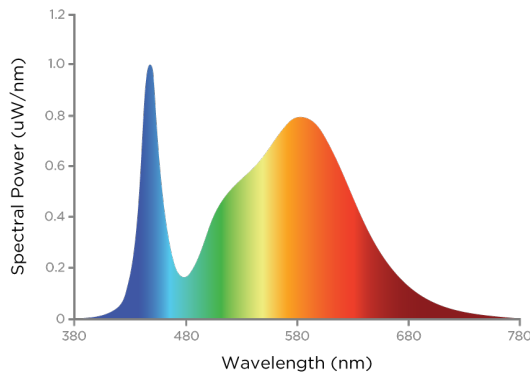
Max Candela: 7325

UL Classification: Wet Location Listed

DLC Number: YYDPPF

LED SPECIFICATIONS

SPD



Source Type: LED

CRI: > 80

Chromaticity: x=0.3840 y=0.3817

Manufacturer: Citizen®

L70: 102000 Hrs

Duv: 0.0013

Part Number: CLU038-1208

Colour Temperature: 4000K



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ELECTRICAL SPECIFICATIONS

Driver Manufacturer: IPP
Fixture Draw: 117.32W
THD @347Vac(%): <10%
Dimming: 1-10Vdc, (10% Min Light Level)
Driver Certifications: c-RU-us Class 2,
 FCC Part 15 Class B, RoHS

Input Voltage: 277~480Vac
Current Draw@347Vac:
 0.34783743077051
Driver MTBF: 50,000hrs
Over Temperature Protection: Auto
 Recovery, The fixture shall shut down and
 return to operation when the temperature
 returns to normal.

Input Frequency: 50-60Hz
Power Factor @347Vac: >.90
Max Operating Case Temperature: 90C
Short Circuit Protection: Auto Recovery.
 The output shall return to normal when the
 fault condition is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: Black
Mounting: Wall Mount
Lens Type: Clear - Prismatic

Finish Type: Textured powder coat over
 chromate conversion coat
Housing Material: ADC12 Aluminium
Reflector Material: Specular Aluminium

Wiring: Internal Connections
Lens Material: Glass
Entries: (3) ½ inch threaded knockouts

SHIPPING INFORMATION

OrderingCode(s): WPG1204K-347V-BK
Box Weight: 5.87 kg
Carton Weight: 24.54

Box Quantity: 1
Carton Quantity: 4

Box Dimensions (L-W-H): 370 x 245 x 205
 mm
Carton Dimensions (I-W-H): 510 x 385 x
 410 mm

SERIES ARCHITECTURE

Series Architecture

Series	Wattage	CCT	Voltage	Finish
WPG	40 (40W)	SW (Selectable)	UNV (120-277V)	BZ (Bronze)
	80 (80W)	30K (3000K)	347V (347V)	BK (Black)
	120 (120W)	40K (4000K)	WRV (120-347V)	WH (White)
		50K (5000K)		XX (other)

Optional Extras: Cut off Shield