Pacific LED gen5

WT490C 64S/840 PSU WB PI5 L1600

Configuration ID - WT490CI-54628f36-0121-4dbc-bded-479e350691d2

Pacific Performer Gen56400 lumens4000K CRI 80Standard (non Dimmable)Wide beam

Product data

General Information

Light source replaceable	Yes
Number of gear units	1
Driver included	Yes
Warranty period	5 years

Light Technical

Luminous Flux	6400 lm
Luminous efficacy (rated) (nom.)	160.0 lm/W
Colour rendering index (CRI)	>80
Number of light sources	144 - 144
Optic type	WB - Wide beam
Luminaire light beam spread	95 x 95 °
Unified Glare Rating (CEN)	19.9
CIE Code	71 96 99 98 100
Light output ratio	1.0

Operating and Electrical

Input Voltage	~220...240V 50/60HZ
Power Consumption	40.0 W
Connection	PI5 - Push-in connector with 5 poles
Protection class IEC	CLI - Safety class I

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	PSU - Power supply unit (non-dimmable)
Control interface	-
Constant light output	No
Connectivity	N - None

Mechanical and Housing

Housing material	PC - Polycarbonate
Reflector material	NA - Not Applicable
Optic material	PC - Polycarbonate

Optical cover/lens material	PC - Polycarbonate
Fixation material	Steel
Optical cover/lens finish	CL - Clear
Reflector finish	NA - Not Applicable
Overall diameter	NA - Not Applicable
Dimensions (height x width x depth)	68 X 96 X 1600 mm
Ingress protection code	IP66 - IP66
Mech. impact protection code	IK08

Emergency Operation

Emergency lighting	N - No

Approval and Application

Glow-wire test	T650D30 - 650 °C, 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC plus mark
Photobiological risk	RG1 - Risk Group 1
EU RoHS compliant	Yes
Performance ambient temperature Tq	T25
Ambient temperature range	T45 - +45°C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Power consumption tolerance	+/-11%
Light source colour	4000 K

Over Time Performance (IEC Compliant)

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Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L95
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L90

Product Data

Product family code	WT490C - Pacific LED gen5

Dimensional drawing

Photometric data

cd/klm

□ 0-180° □ 90-270°

Pacific LED gen5
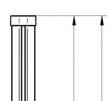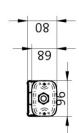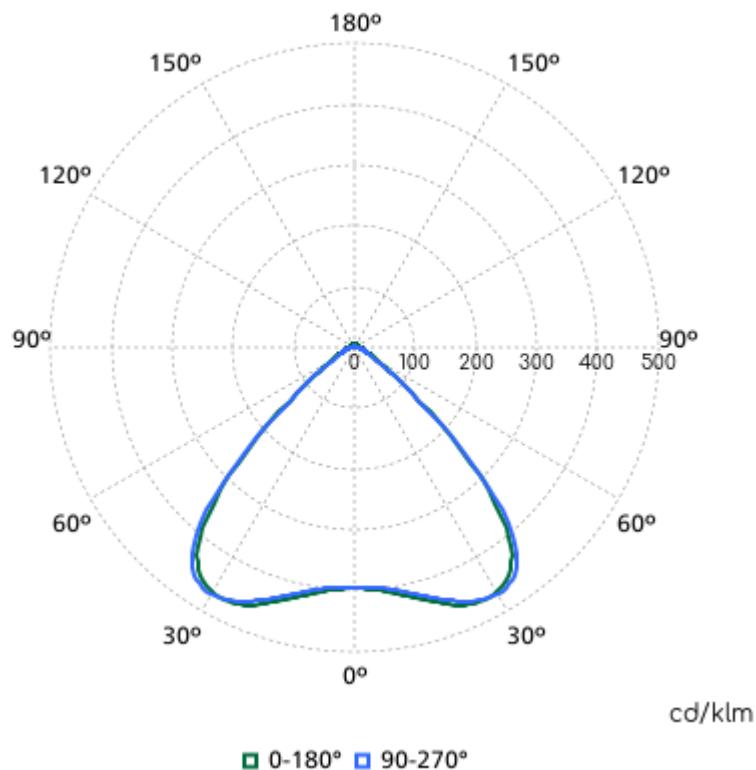
Glare rating regarding UGR

Ceiling		70	70	50	50	30	70	70	50	50	30
Walls		50	30	50	30	30	50	30	50	30	30
Floor		20	20	20	20	20	20	20	20	20	20
Room size		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	19.7	20.6	20.0	20.9	21.1	20.1	21.0	20.4	21.3	21.5
	3H	19.7	20.5	20.0	20.8	21.1	20.0	20.9	20.3	21.2	21.4
	4H	19.7	20.5	20.0	20.8	21.1	20.0	20.8	20.3	21.1	21.4
	6H	19.7	20.4	20.0	20.7	21.1	19.9	20.7	20.3	21.0	21.3
	8H	19.7	20.4	20.1	20.7	21.1	19.9	20.6	20.3	21.0	21.3
	12H	19.7	20.4	20.1	20.7	21.1	19.9	20.6	20.3	20.9	21.2
4H	2H	19.6	20.4	19.9	20.7	21.0	19.9	20.8	20.3	21.0	21.4
	3H	19.6	20.3	20.0	20.7	21.0	19.9	20.6	20.3	21.0	21.3
	4H	19.7	20.3	20.1	20.7	21.0	19.9	20.5	20.4	20.9	21.3
	6H	19.7	20.3	20.2	20.7	21.1	19.9	20.4	20.4	20.8	21.3
	8H	19.8	20.2	20.2	20.6	21.1	19.9	20.4	20.3	20.8	21.2
	12H	19.8	20.2	20.3	20.6	21.1	19.9	20.3	20.3	20.7	21.2
8H	4H	19.6	20.1	20.1	20.5	21.0	19.9	20.4	20.3	20.8	21.2
	6H	19.7	20.1	20.2	20.6	21.0	19.9	20.3	20.4	20.7	21.2
	8H	19.8	20.1	20.3	20.6	21.1	19.9	20.2	20.4	20.7	21.2
	12H	19.8	20.1	20.4	20.6	21.2	19.8	20.1	20.4	20.6	21.2
12H	4H	19.6	20.0	20.1	20.5	20.9	19.9	20.3	20.3	20.7	21.2
	6H	19.7	20.0	20.2	20.5	21.0	19.9	20.2	20.4	20.7	21.2
	8H	19.8	20.1	20.3	20.5	21.1	19.9	20.1	20.4	20.6	21.2

Variation of observer position for luminaire distances S

	Viewed crosswise	Viewed endwise
S = 1.0H	+1.5 / -3.0	+1.6 / -3.8
S = 1.5H	+3.3 / -4.4	+3.8 / -5.6
S = 2.0H	+5.1 / -5.1	+5.7 / -6.6
Standard table	BK01	BK00
Correction summand	1.8	1.8

Corrected glare indices based on the total luminous flux 6295 lm.

UGR diagram according to CIE 117 with SHR 0.25

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2025, OCTOBER 30 - data subject to change