FINLIGHT™
Lighting Engineering

DATASHEET

Barat LED 23-64W T840 PC/PC OP IC Ex

Rev. No.: 2024-06-06

>80 CRI

5 YEARS WARRANTY

CE RoHS IP 66 IK 08

Product Name	Dimensions (mm)*	Power (W)*2	Luminous Flux (lm)*2	Energy Efficiency*2	Weight (kg)*3
Barat LED 1x3200-27W-840	1572x96x111	27W	3473	127 lm/W	2.6
Barat LED 1x3800-32W-840	1272x96x111	32W	3768	116lm/W	2.1
Barat LED 2x1300-23W-840	662x146x111	23W	2779	120lm/W	1.8
Barat LED 2x3200-54W-840	1572x146x111	54W	6947	127lm/W	3.3
Barat LED 2x2600-43W-840	1272x146x111	43W	5558	127lm/W	2.8
Barat LED 2x3200-54W-840-EM3B	1572x146x111	54W	6947	127lm/W	3.3
Barat LED 2x3800-64W-840	1272x146x111	64W	7537	116lm/W	2.8

*EM3B model comes with 3-hour emergency battery

General

Product family:	Barat LED 23-64W T840 PC/PC OP IC Ex
Electrical number:	
Customer code:	

Technical Data

Max ambient temp (°C):	40
Min ambient temp (°C):	-25
IP-rating:	66
IK-rating:	08
Product warranty:	5

Electrical Data

Minimum Input Voltage -10% (VAC):	220
Maximum Input voltage +10% (VAC):	240
Minimum Frequency -5% (Hz):	50
Maximum Frequency +5% (Hz):	60
PF:	>0.9

Ballast/Driver

Type of Ballast/Driver:	
Number of Ballast/Driver:	
Control Type:	
Manufacturer:	
Driver IP-Rating:	

Light Data

Light Source:	LED
Chip Manufacturer:	Lumileds
SDCM (McAdams):	<3
CRI:	>80
CCT:	3000/4000

Optic

Material of the Diffuser:	Opal PC
Output Angle (°):	90
UGR:	<22